

# Cat<sup>®</sup> Batteries

## Application Guide

Includes Starters and Alternators





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# General Information

## Cat® Heavy Duty (HD) Maximum Vibration Resistance

- Vibration Resistance...five times the Industry Standard
- Exclusive “flat top” BCI group 4D & 8D batteries are Maintenance Free and have the industries highest cold cranking amps (CCA)
- Popular BCI group 31 Maintenance Free batteries with industry leading cold cranking amps...up to 1000 (CCA), for electric power, machine or on-highway truck and bus applications. Deep cycle models are available for truck, marine and recreational usage

## Specifications for Heavy Duty (HD) Batteries-Available Worldwide

BCI Group Size	Part No.	CCA ≈	RC Mins †	Volts	Amp Hr. Capacity @ 20 Hrs.	Construction Notes	Accessibility - Fluid Level Check Hours	BCI Overall Dimensions			Replacement		Nominal Acid to Fill Qt (liter)
								Length In (mm)	Width In (mm)	Height In (mm)	Wet Lb (kg)	Dry Lb(kg)	
8D	153-5720	1500	465	12	210	C/MFA	A-1000	20.5(520)	10.8(275)	9.8(248)	132(59.9)	-	-
4D	153-5710	1400	425	12	200	C/MFA	A-1000	20.5(520)	8.6(218)	9.8(248)	119(54.0)	86 (39.0)	18.0 (17.0)
4D	153-5700	1125	305	12	145	C/MFA	A-1000	20.5(520)	8.6(218)	9.8(248)	101(45.8)	-	-
31	175-4390	1000	180	12	90	C/MFA/S	A-1000	12.9(329)	6.8(172)	9.3(236)	60(27.2)	81 (36.8)	14.8 (14.0)
31	175-4370	825	190	12	100	C/MFA/S**	A-1000	12.9(329)	6.8(172)	9.3(236)	61(27.2)	-	-
31/30H	115-2422	1000	170	12	90	C/MFA	A-1000	12.9(329)	6.8(172)	9.5(241)	63(28.6)	-	-
31/30H	9X-3404 <sup>(2)</sup>	950	165	12	95/100	C/MF	NA	13.0(331)	6.8(172)	9.5(241)	58(26.3)	59 (26.8)	15.9 (15.0)
31/30H	3T-5760	750	165	12	95/100	C/MF	AV- 1000	13.0 (331)	6.8 (172)	9.5 (241)	56 (25.4)	-	-
65	230-6368	850	140	12	70	C/MF	NA	11.9(304)	7.5(191)	7.5(191)	46(20.9)	-	-
24	153-5656	650	110	12	52	C/MF	NA	11.0(279)	6.9(174)	9.0(229)	39(17.7)	-	-

### Construction Notes:

Batteries use SAE taper post design and are shipped wet except as:

LAC = Low Maintenance – Hybrid Construction

C = Calcium Lead Alloy Grid Design

MF = Maintenance Free Non-Accessible

MFA = Maintenance Free Accessible

A = Accessible

NA = Non-Accessible

AV = Accessibility Varies – Accessibility varies depending on supplier used. If it has caps, it is accessible and fluid levels should be checked.

S = Stud Terminals

+ = Shipped Dry Only

\* = Side Terminals Only

\*\* = Starting and Deep Cycle Battery

\*\*\* = Deep Cycle and Starting Battery

≈ = Cold Cranking Amps for 30 seconds at 0° F (-18° C)

† = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)

NB = Not available in Brazil

### Rugged Design-Built Tough-Reliable Starting

- Positive and negative plates are anchored to container bottom and locked at the top of element for maximum vibration resistance.
- Heavy-duty forged terminal post bushings provide maximum strength and resistance to acid seepage.
- Hefty full-frame grids, no sharp edges, optimum acid/paste combination provides better charge acceptance after deep discharge.
- Manifold vented cover with built-in Flame Arrestor...a safety feature that directs corrosive gases away from the battery and hold-downs.
- Thick, robust container resists rugged treatment typical of heavy-duty commercial use. Embossed part number & descriptors for easy serviceability.

<sup>1</sup> Not available in Brazil

<sup>2</sup> Not available in US

# Cat<sup>®</sup> Battery Specifications

## Cat<sup>®</sup> General Duty (GD) - Available Worldwide (Except Brazil)

### Quality Batteries for a Wide Range of Applications

#### Ideal for Automotive, Light Truck, Bus, Marine, Industrial, Agricultural, Stationary Power and Recreational Usage.

- Maintenance Free and low maintenance... accessible or sealed
- Deep Cycle and Valve Regulated (VRLA) Gelled or Absorbed Glass Mat (AGM) batteries
- Hefty full frame grids, no sharp edges. Optimum acid/paste combination provides better charge acceptance after deep discharge
- Commercial batteries have Anchor Lock elements for vibration resistance
- Flame Arrestor Safety Vents to direct corrosive gases away from the battery and hold-downs

### Wet Batteries

BCI Group Size	Part No.	CCA ≈	RC Mins †	Volts	Amp Hr. Capacity @ 20 Hrs.	Construction Notes	BCI Overall Dimensions			Normal Weight
							Length In (mm)	Width In (mm)	Height In (mm)	Wet Lb (kg)
<b>Truck/Agriculture/Industrial</b>										
1	8C-3617	640	130	6	100	C/MF	9.0 (229)	6.9 (175)	8.8 (222)	30 (13.6)
2	8C-3629	780	200	6	90	LA	10.4 (264)	6.9 (175)	8.8 (222)	36.5 (16.6)
3EE	8C-3620	400	95	12	54	LA	19.3 (489)	4.3 (108)	9.0 (229)	42 (19.1)
3EH	8C-3632	875	250	6	115	LA	19.3 (489)	4.3 (108)	10.0 (254)	47.5 (21.5)
4	8C-3633	975	250	6	125	C/MF	12.5 (318)	6.9 (175)	9.5 (241)	47 (21.3)
4DLT	8C-3622	850	240	12	100	LA	20.0 (508)	8.1 (206)	8.1 (206)	80 (36.3)
8D	628-8824	1425	430	12	190	LA	20.8 (527)	11.0 (279)	10.0 (254)	130 (59.0)
24F	3T-5858	675	115	12	55	C/MF	10.8 (273)	6.8 (171)	9.0 (229)	40 (18.1)
27	8C-3601	710	120	12	65	C/MF	12.0 (305)	6.8 (171)	9.0 (229)	45.5 (20.6)
27F	8C-3602	710	120	12	65	C/MF	12.4 (314)	6.8 (171)	9.0 (229)	45.5 (20.6)
31	8C-3628	760	170	12	80	C/MF/S	13.0 (330)	6.8 (171)	9.5 (241)	54.5 (24.7)
31	430-5996	1000	190	12	100	C/MF	13.0 (330)	6.8 (171)	9.5 (241)	58 (26.3)
31	100-4081	1000	185	12	95	C/MF/S	12.95 (328.9)	6.8 (171)	9.44 (239.8)	58 (26.3)
31	631-8955	760	170	12	85	C/MF	12.75 (323.9)	6.8 (171)	9.44 (239.8)	52.5 (23.8)
C11(DIN)	369-9955	270	43	12	30	C	7.36 (187)	5.04 (128)	6.50 (165)	17.86 (8.1)
T4 (DIN)	356-6211	380	66	12	44	C	8.27 (210)	6.89 (175)	6.89 (175)	16.09 (7.3)
4D	8C-3623	950	250	12	115	LA	20.8 (508)	8.5 (216)	10.1 (257)	97 (44)
<b>Automotive/Light Truck &amp; SUV</b>										
22F	3T-5859	425	65	12	35	C/MF	9.4 (238)	6.8 (171)	8.3 (210)	29.5 (13.4)
24	3T-5857	675	115	12	55	C/MF	10.8 (273)	6.8 (171)	9.0 (229)	40 (18.1)
25	250-0488	625	95	12	45	C/MF	9.8 (248)	6.9 (175)	8.9 (225)	35.5 (16.1)
26	8C-3600	540	80	12	45	C/MF	8.8 (222)	6.8 (171)	8.0 (203)	29.5 (13.4)
26R	369-9958	540	80	12	45	C/MF	8.8 (222)	6.8 (171)	8.0 (203)	29.5 (13.4)
34/78	250-0486	690	110	12	60	C/MF/DT	10.8 (273)	6.8 (171)	8.0 (203) !	36.5 (16.6)
35	250-0487	625	95	12	45	C/MF	9.8 (248)	6.9 (175)	8.9 (225)	35.5 (16.1)
41	8C-3605	650	100	12	64	C/MF	11.6 (293)	6.9 (175)	6.9 (175)	38 (17.2)
42	250-0490	475	70	12	40	C/MF	9.6 (242)	6.9 (175)	6.9 (175)	29 (13.2)
48	430-5993	730	120	12	65	C/MF	11.0 (278)	6.9 (175)	7.5 (190)	42 (19.1)
49	307-0751	900	185	12	100	C/MF	14.0 (354)	6.9 (175)	7.5 (190)	54.5 (24.7)
55/56/62	8C-3611	570	90	12	52	C/MF/DT	8.8 (222)	6.0 (152)	8.50 (216)	32 (14.5)
58	8C-3612	580	85	12	53	C/MF	10.0 (254)	7.3 (184)	7.0 (178)	31.5 (14.3)
65	250-0484	675	130	12	55	C/MF	12.0 (305)	7.4 (187)	7.7 (194)	41 (18.6)
75	7X-6100	690	90	12	60	C/MF *	9.8 (248)	7.0 (178)	7.3 (184)	34.5 (15.6)
75/86	250-0489	540	85	12	47	C/MF/DT	9.8 (248)	7.0 (178)	8.1 (206) !	32 (14.5)
78	369-9957	690	110	12	58	C	10.8 (273)	6.9 (175)	7.3 (184)	36.5 (16.6)



# Cat® Battery Specifications

## Cat General Duty Batteries - Available Worldwide (Except Brazil) (Cont'd.)

### Wet Batteries (Cont'd.)

BCI Group Size	Part No.	CCA ≈	RC Mins †	Volts	Amp Hr. Capacity @ 20 Hrs.	Construction Notes	BCI Overall Dimensions			Normal Weight
							Length In (mm)	Width In (mm)	Height In (mm)	Wet Lb (kg)
90	430-6000	600	90	12	40	C/MF	9.5 (242)	6.9 (175)	6.9 (175)	32.5 (14.7)
91	430-6001	700	100	12	50	C/MF	11.0 (278)	6.9 (175)	6.9 (175)	38.5 (17.5)
92	430-6002	650	130	12	70	C/MF	12.5 (317)	6.9 (175)	6.9 (175)	37 (16.8)
93	430-6003	800	130	12	80	C/MF	14.0 (354)	6.9 (175)	6.9 (175)	46.5 (21.1)
94R	430-6005	765	135	12	80	C/MF	12.4 (315)	6.9 (175)	7.5 (190)	47.5 (21.6)
95R	430-6006	850	190	12	100	C/MF	15.5 (394)	6.9 (175)	7.5 (190)	62.5 (28.4)
96R	430-6007	600	90	12	40	C/MF	9.6 (242)	6.9 (175)	6.9 (175)	32.5 (14.8)
97R	430-6008	600	95	12	60	C/MF	9.6 (242)	6.9 (175)	7.5 (190)	37.5 (17.0)
101	430-6009	650	110	12	-	C/MF/ *	10.3 (260)	7.1 (179)	6.7 (170)	36 (16.3)
124R	430-6011	670	100	12	60	C/MF	10.3 (260)	6.9 (175)	8.4 (212)	38 (17.2)
151R	430-6012	335	55	12	-	C/MF	7.24 (184)	5.0 (125)	8.8 (222)	19 (8.6)
51	563-6052	450	70	12	40	C/MF	9.5 (242)	6.8 (171)	220.5	12.9
124	563-6053	670	100	12	60	C/MF	10.3 (260)	6.9 (175)	8.4 (212)	38.6 (17.9)
24	563-6054	725	120	12	70	C/MF	10.8 (273)	6.8 (171)	9.0 (229)	42 (19.3)
24F	563-6055	725	120	12	70	C/MF	10.8 (273)	6.8 (171)	9.0 (229)	42 (19.3)
<b>Madeleine-Deep Cycle Capability</b>										
24M	8C-3638	675	115	12	55	C/MF/DT/~#	10.8 (273)	6.8 (171)	9.4 (238)	40 (18.1)
24DC	430-5992	500	130	12	75	LA/DT/@	10.8 (273)	6.8 (171)	9.4 (238)	45 (20.4)
27M	8C-3639	650	150	12	80	@/S/DT#	12.5 (318)	6.8 (171)	9.4 (238)	49 (22.2)
<b>Marine / Recreational</b>										
8V	8C-3640	980	350	8	175	LA +	20.8 (527)	7.3 (184)	10.7 (270)	90.5 (41.1)
<b>Lawn &amp; Garden</b>										
U1	8C-3636	230	-	12	25	C/MF	7.8 (197)	5.2 (130)	7.3 (184)	15.5 (7.0)
<b>Golf Cart/Scissor &amp; High Lifts</b>										
GC-2	8C-3641	132§	-	6	235	@ OP	10.3 (260)	7.2 (181)	10.9 (276)	68 (30.8)
<b>Dual Terminal Batteries</b>										
34/78	127-0826	850	115	12	66	C/MF/DT	10.8 (273)	6.8 (175)	8.0 (203) !	41 (18.6)
34/78	250-0486	690	110	12	60	ST/MF/DT	10.8 (273)	6.8 (175)	8.0 (203) !	36.5 (16.6)
75/86	250-0489	540	85	12	47	C/MF/DT	9.8 (248)	7.0 (178)	8.1 (206) !	32 (14.5)

### Construction Notes:

Batteries use SAE taper post design and are shipped wet except as:

LA = Low Maintenance - Low Antimony Grids  
 LAC = Low Maintenance - Hybrid Construction  
 C = Calcium Lead Alloy Grid Design  
 MF = Maintenance Free Non-Accessible  
 MFA = Maintenance Free Accessible  
 S = Stud Terminals  
 DT = Dual Terminal  
 TB = Transit Bus one piece end terminal. Right end of battery.  
 Positive Stud: 1/2" -13 steel, Negative Stud: 3/8" -16 steel

OP = Offset Post with Horizontal Hole Stainless Steel 5/16" Bolt & Hex Nut  
 \* = Side Terminals  
 ≈ = Cold Cranking Amps for 30 seconds at 0° F (-18° C)  
 † = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)  
 ! = For height with removable adapter, add 7/8" (22mm)  
 @ = Deep Cycle - Antimony Grids  
 ~ = Marine Starting  
 + = Shipped Dry Only  
 § = 75 amps @ 80° F  
 # = Wing nut for 8C-3638 & 8C-3639 is part number 3B-0723

## Valve Regulated Lead Acid (VRLA) Batteries

### Gelled (GEL) Electrolyte, Marine/Recreational, Deep Cycle Capability (Except Brazil)

BCI Group Size	Part No.	CCA ≈	RC Mins †	Volts	Amp Hr. Capacity @ 20 Hrs.	Construction Notes	BCI Overall Dimensions			Normal Weight Wet Lb (kg)
							Length In (mm)	Width In (mm)	Height In (mm)	
<b>Gelled (GEL) Electrolyte, Marine/Recreational, Deep Cycle Capability</b>										
4D	152-8006	970	375	12	183	MF-G/VRLA	20.8 (527)	8.5 (216)	10.0 (254)	127 (57.6)
8D	152-7242	1150	475	12	225	MF-G/VRLA	20.8 (527)	11.0 (279)	10.0 (254)	157 (71.2)

#### Construction Notes:

MF-G/VRLA = Maintenance Free Non-Accessible -Gel Battery. Valve-Regulated Lead Acid (VRLA) battery with gelled electrolyte

≈ = Cold Cranking Amps for 30 seconds at 0° F (-18° C)

† = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)

## Absorbed Glass Mat (AGM) Batteries (Except Brazil)

BCI Group Size	Part No.	CCA ≈	RC Mins †	Volts	Amp Hr. Capacity @ 20 Hrs.	Construction Notes	BCI Overall Dimensions			Normal Weight Wet Lb (kg)
							Length In (mm)	Width In (mm)	Height In (mm)	
<b>Truck/Agricultural/Industrial</b>										
31	430-5994	800	200	12	105	MF-AGM/VRLA/S	13.0 (330)	6.8 (171)	9.5 (241)	69 (31.3)
31	430-5995	925	190	12	100	MF-AGM/VRLA/S	13.0 (330)	6.8 (171)	9.5 (241)	63 (28.6)
8D	456-0748	1450	480	12	245	MF-AGM/VRLA	20.75 (527)	11 (278.6)	10 (254)	157.9 (71.7)
4D	430-6013	1110	380	12	198	MF-AGM/VRLA	20.6 (499)	8.4 (214)	10 (254)	129 (58.5)
<b>Sports/ATV</b>										
	430-6016	120		12	8 @ 10 hr.	MF AGMVRLA	5.9 (148.8)	3.6 (87.7)	4.2 (105.5)	7.1 (3.2)
<b>Automotive/Light Truck &amp; SUV</b>										
34/78	430-5997	775	120	12	55	MF-AGM/VRLA/DT	10.8 (273)	6.9 (175)	8.0 (203)	42.5 (19.3)
34M	430-5999	775	120	12	55	MF-AGM/VRLA/DT	10.8 (273)	6.9 (175)	8.0 (203)	41.5 (18.9)
65	430-5998	775	150	12	75	MF-AGM/VRLA	12.0 (305)	7.4 (187)	7.7 (194)	46 (20.9)
94R	430-6004	800	140	12	80	MF-AGM/VRLA	12.4 (315)	6.9 (175)	7.5 (190)	51.5 (23.4)

# Cat<sup>®</sup> Battery Specifications

## Absorbed Glass Mat (AGM) Batteries (Except Brazil) (Cont'd.)

BCI Group Size	Part No.	A	B	Volts	Const. Notes	Term.	BCI Overall Dimensions				Normal Weight Wet Lb (kg)	
							Length In (mm)	Width In (mm)	Terminal Height In (mm)	Container Height In (mm)		
<b>High-rate Stationary Standby Applications</b>												
4D	250-0483	624	318	12	MF-AGM/VRLA	TA/2/ρ	21.8 (552)	8.3 (210)	9.4 (237)	8.8 (222)	130 (59.0)	
24	250-0476	253	127	12	MF-AGM/VRLA	TA/1/ρ	10.2 (259)	6.8 (173)	9.2 (232)	8.2 (206)	53 (24.0)	
27	250-0477	314	156	12	MF-AGM/VRLA	TA/1/ρ	12.8 (323)	6.8 (173)	8.7 (220)	8.2 (206)	64 (29.0)	
31	250-0478	377	192	12	MF-AGM/VRLA	TA/1/ρ	13.0 (329)	6.7 (171)	8.8 (222)	8.6 (218)	68.5 (31.1)	
31	250-0479	475	238	12	MF-AGM/VRLA	TA/1/ρ	13.5 (342)	6.8 (172)	11.3 (286)	11.1 (281)	99 (44.9)	
31	369-9959 <sup>(3)</sup>	550	271	12	MF-AGM/VRLA	TA/1/ρ	13.5 (342)	6.8 (172)	11.2 (285)	11.1 (281)	107 (48.5)	
45	250-0475	168	85.4	12	MF-AGM/VRLA	TA/1/ρ	8.9 (225)	5.3 (135)	8.7 (221)	8.2 (207)	40 (18.1)	
U1	250-0474	119	60	12	MF-AGM/VRLA	TA/1/α	7.8 (196)	5.2 (132)	7.2 (182)	6.2 (157)	24 (10.9)	
∞	369-9960 <sup>(3)</sup>	370	187	12	MF-AGM/VRLA	FA/3/ρ	19.5 (494)	4.4 (110)	8.9 (227)	9.1 (231)	80 (36.3)	
∞	369-9961 <sup>(3)</sup>	550	274	12	MF-AGM/VRLA	FA/3/ρ	21.9 (555)	5.0 (127)	11.2 (283)	11.7 (297)	120 (54.4)	

### Construction Notes:

A = Power Watts per Cell for 15 minutes to 1.67 Volts Per Cell @ 77° F (25° C)  
 B = Discharge Rating in Amperes for 15 minutes to end voltage of 1.75 V.P.C. @ 77° F (25° C)  
 MF-AGM/VRLA = Maintenance Free Non-Accessible - Absorbed Glass Mat (AGM) Battery.  
 ∞ = Unique container size. Does not use a standard BCI grouping  
 ≈ = Cold Cranking Amps for 30 seconds at 0° F (-18° C)  
 † = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)  
 S = Stud Terminals  
 DT = Dual Terminal

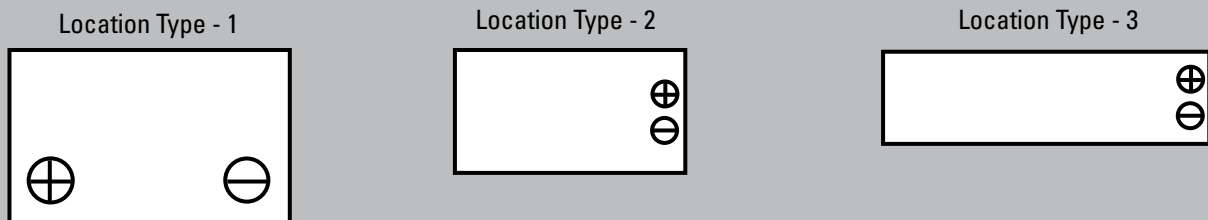
### Terminal Notes:


TA - Top Access FA - Front Access  
 α = In line lead terminal with brass female inserts .490" diameter head with a 1/4-20unc x .700 deep thread  
 ρ = In line lead terminal with brass female inserts .625" diameter head with a 1/4-20unc x .750 deep thread

**AGM batteries have a longer production lead time than regular lead-acid type batteries**

**Important: Alternator and charger instructions: for 12-volt AGM Batteries charge to 14.4 volts but no more than 14.6 volts at 68° F (20° C)**

### Valve Regulated AGM Batteries-Terminal Locations



 VRLA batteries are a UL Recognized Component and are I.C.C.O., I.M.D.E., I.A.T.A., and D.O.T. Air Transportable Approved

<sup>3</sup> Available in the United States and South America (Except Brazil).



## Cat General Duty Batteries - Limited Availability

### Europe, Africa, Middle East (EAME) and China & Asia Pacific Regions Only

DIN Group Size	Part No.	Amp Hr. Capacity @ 20 Hrs.	RC Mins †	BCI CCA ≈	DIN CCA ≈	EN CCA ±	Volts	Const. Notes	BCI Overall Dimensions			Normal Weight Wet Lb (kg)
									Length In (mm)	Width In (mm)	Height In (mm)	
78 (BCI)	369-9957	58	110	690	-	-	12	-	10.75 (273)	6.89 (175)	7.24 (184)	36.51 (16.6)
C11 (EN)	369-9955	30	43	270	150	250	12	C	7.36 (187)	5.04 (128)	6.50 (165)	17.86 (8.1)
T4 (EN)	369-9956	44	66	400	225	-	12	C	8.27 (210)	6.89 (175)	6.89 (175)	16.09 (7.3)
T4 (EN)	356-6211	44	66	380	250	350	12	C	8.27 (210)	6.89 (175)	6.89 (175)	16.09 (7.3)
T5 (EN)	356-6212	55	85	450	290	420	12	C	9.49 (241)	6.89 (175)	6.89 (175)	18.52 (8.4)
T6 (EN)	356-6213	66	105	550	315	520	12	C	10.94 (278)	6.89 (175)	6.89 (175)	21.83 (9.9)
T7 (EN)	356-6214	80	133	625	420	570	12	C	12.40 (315)	6.89 (175)	6.89 (175)	26.68 (12.1)
T8 (EN)	356-6215	88	150	770	420	715	12	C	13.58 (345)	6.89 (175)	6.89 (175)	30.20 (13.7)
B24 (JIS)	483-8978	45	52	380	-	-	12	C	9.3 (237)	5.0 (128)	8.7 (222)	27.6 (12.5)
26R (BCI)/ J26 (JIS)	483-8979	75	110	650	-	-	12	C	10.2 (260)	6.8 (172)	8.7 (220.5)	40.1 (18.2)
31 (BCI)	570-6509	90	165	680	-	-	12	C	13.0 (330.2)	6.8 (172)	9.5 (240.8)	51.4 (23.3)
31 (BCI)	570-6511	100	165	850	-	-	12	C	13.0 (330.2)	6.8 (172)	9.5 (240.8)	55.1 (25.0)
24 (BCI)	593-3128	80	138	630	-	-	12	C	10.2 (260)	6.8 (172)	8.7 (220.5)	41.9 (19.0)
4D (BCI)	593-3129	165	324	900	-	-	12	C	20.0 (510)	8.3 (212)	8.6 (219.5)	92.2 (41.8)
BCI 65	636-1825	70	129	820	-	-	12	-	296	187	187	20
BCI 8D	636-1824	210	465	1400	-	-	12	-	516	275	241	55
BCI 31	634-6045	100	100	920	-	-	12	-	330	172	237	24.5

#### Construction Notes:

Batteries have taper post design and are shipped wet except as:

≈ = Cold Cranking Amps at 0° F (-18° C), discharge rate of 30 seconds, meeting 7.2V or above cut-off

^ = Cold Cranking Amps at 0° F (-18° C), discharge rate of 30 seconds, meeting 9V or above cut-off

± = Cold Cranking Amps at 0° F (-18° C), discharge rate of 90 seconds, meeting 6V or above cut-off

† = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)

C = Calcium Lead Alloy Grid Design

### Latin America Region Only Brazil Only

DIN Group Size	Part No.	Amp Hr. Capacity @ 20 Hrs.	RC Mins †	BCI CCA ≈	DIN CCA ≈	EN CCA ±	Volts	Const. Notes	BCI Overall Dimensions			Normal Weight Wet Lb (kg)
									Length In (mm)	Width In (mm)	Height In (mm)	
4D (BCI)	102-0400	150	270	950	535	-	12	SC	20.08 (510)	8.39 (213)	9.06 (230)	95.68 (43.4)
4D (BCI)	242-0825	170	330	1000	560	-	12	C	20.08 (510)	8.39 (213)	9.06 (230)	101.85 (46.2)
4D (BCI)	242-0829	330	170	700	395	-	12	C	20.08 (510)	8.39 (213)	9.06 (230)	101.41 (46)
T6 (DIN)	112-9564	65	110	620	345	-	12	SC	10.94 (278)	6.89 (175)	6.89 (175)	39.24 (17.8)
H7	242-0828	170	90	725	380	-	12	C	12.32 (313)	6.89 (175)	6.89 (175)	51.93 (23.1)
T6	112-9564	65	110	620	345	-	12	SC	10.94 (278)	6.89 (175)	6.89 (175)	39.24 (17.8)

### South Africa Region Only

DIN Group Size	Part No.	Amp Hr. Capacity @ 20 Hrs.	RC Mins †	BCI CCA ≈	DIN CCA ≈	EN CCA ±	Volts	Const. Notes	BCI Overall Dimensions			Normal Weight Wet Lb (kg)
									Length In (mm)	Width In (mm)	Height In (mm)	
31	586-5072	102	180	710	-	-	12	C	13.0 (330)	6.7 (171)	8.6 (219)	59.7 (27.1)
4D	586-5073	145	250	920	-	-	12	C	19.0 (485)	8.7 (220)	8.5 (216)	99.2 (45.0)
4D	586-5074	180	320	1080	-	-	12	C	19.0 (485)	8.7 (220)	8.5 (216)	112.7 (51.1)
8D	586-5075	195	330	1260	-	-	12	C	19.0 (484)	10.9 (276)	9.3 (235)	135 (61.2)

#### Construction Notes:

Batteries have taper post design and are shipped wet except as:

≈ = Cold Cranking Amps for 30 seconds at 0° F (-18° C)

^ = Cold Cranking Amps at 0° F (-18° C), discharge rate of 30 seconds, meeting 9V or above cut-off

† = Reserve Capacity Minutes minimum of 25 amp output at 80° F (27° C)

C = Calcium Lead Alloy Grid Design

SC = Silver (Ag) Calcium Alloy Grids for resistance to high under hood temperatures.

# Cat<sup>®</sup> Battery Specifications

## Cat General Duty Batteries - Limited Availability (Cont'd.)

### Terminals:

1. Lead terminal. L Shaped. Terminals have square holes.
  2. Lead terminal and brass inserts. 1/4 - 20 x .25 Deep Female Thread.
  3. Lead terminal with brass inserts. 1/4 - 20 x .25 Deep Female Thread
  4. Lead terminal with brass inserts. 1/4 - 20 x Female Thread.
- Ratings conform to IEEE-485 Standards.



**1 - BCI  
Group U1**



**1 - BCI  
Groups  
45, 24, 27**



**3 - BCI  
Group 31**



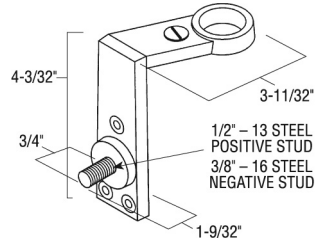
**4 - BCI  
Group 4D**



### Terminal layout for 250-0473 8D Transit Bus Battery <sup>(4)</sup>

One piece end terminal. Right end of Battery.

- 1/2" - 13 Steel Positive Stud
- 3/8" - 16 Steel Negative Stud



### Battery Accessories:

- Group 31 – Charging Posts for Stud Terminals - Part # 4C-5637
- Screw-in Charging Posts for Side Terminals - Part # 4C-5638
- Wing Nut for Part # 175-4390/175-4370/175-4360/8C-3628 - Part #2B-9498
- Wing Nut for Part #8C-3638 & 8C-3639 Marine Batteries - Part #3B-0723
- Battery Voltmeter - Part # 4C-6600
- Battery Load Tester - Part # 4C-4911
- Booster Cable 12' (3.66 m) - Part # 4C-4933
- Booster Cable 20' (6.00 m) - Part # 4C-4937

### NOTE

***Ratings and Part Numbers are subject to change without notice.***

<sup>4</sup> Terminal strip not available for sale.

# Assembly Numbers, Cell Layouts and Terminals

## 6-VOLT ASSEMBLIES – TERMINAL POSITIONS & CELL LAYOUTS

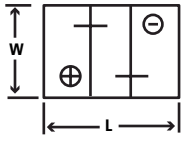


FIG. 1 (2L, 2N)

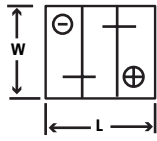


FIG. 2 (1, 2, 3, 3D, 4, 5D, 7D, 9D, 19L, GC2, GC2H)

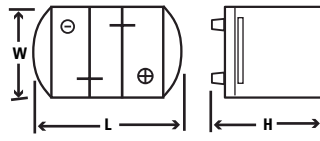


FIG. 2B (17HF)

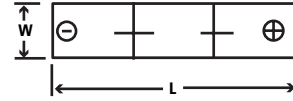


FIG. 5 (2E, 3EH, 4EH)

## 12-VOLT ASSEMBLIES – TERMINAL POSITIONS & CELL LAYOUTS

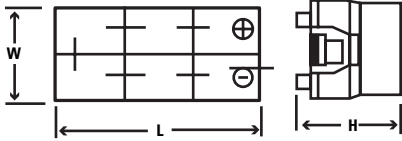


FIG. 8 (4B<sup>3</sup>, 4D, 6D, 8D<sup>3</sup>)

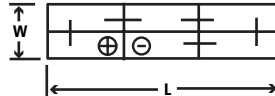


FIG. 9 (3EE, 3ET)

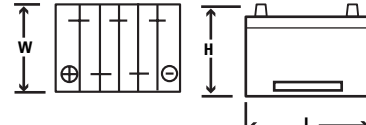


FIG. 10 (12T, 20H, 21, 24, 24H, 24T, 25, 26, 27, 27H, 29H, 30H, 34, 50, 51, 52, 86, U1<sup>4</sup>, U2<sup>4</sup>)

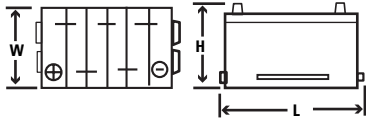


FIG. 10F (16TF, 45, 46)

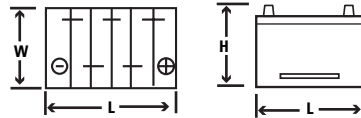


FIG. 11 (21R, 22NL<sup>1</sup>, 22R, 24/24F, 24R, 26R, 27R, 29HR, 30HR, 32N, 34R, 35, 51R, 85, LM, U1R<sup>4</sup>)

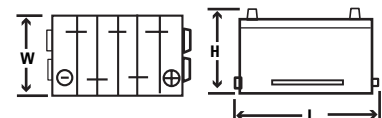


FIG. 11F (22F, 22HF, 22NF, 24F, 27F, 27HF, 29NF, 33)

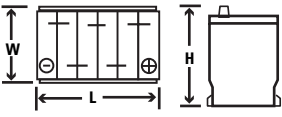


FIG. 11H (121R, 124R)

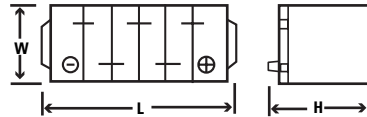


FIG. 11L (17TF, 23)

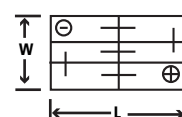


FIG. 12 (60)

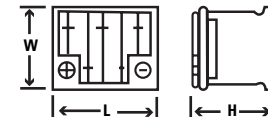


FIG. 13 (66)

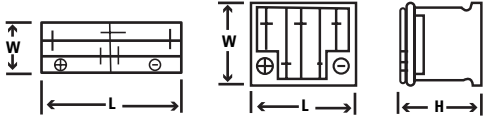


FIG. 14 (53)

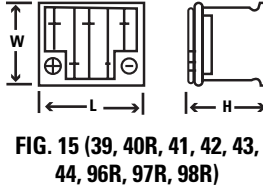


FIG. 15 (39, 40R, 41, 42, 43, 44, 96R, 97R, 98R)

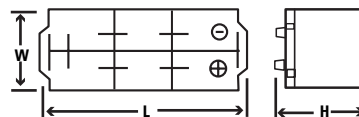


FIG. 16L (4DLT)

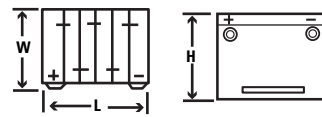


FIG. 17 (70, 71, 72, 73, 74, 75, 76, 77, 78, 101)

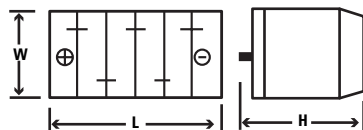


FIG. 18 (28, 31<sup>2</sup>)

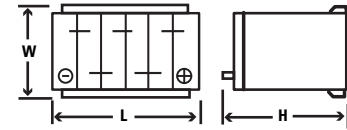


FIG. 19 (36R, 54, 55, 56, 58R)

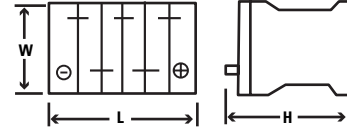


FIG. 20 (61, 62, 63, 64)

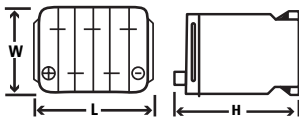


FIG. 21 (59, 65)

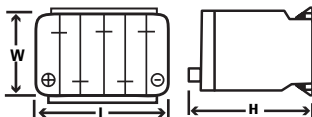


FIG. 22 (57)

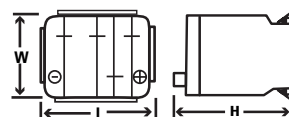


FIG. 23 (58R)

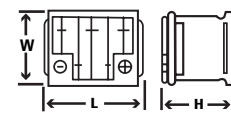


FIG. 24 (47, 48, 49, 90, 91, 92, 93, 94R, 95R, 99R)

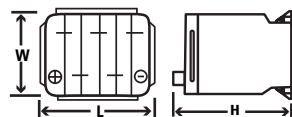


FIG. 25 (58)

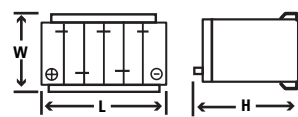


FIG. 26 (58)

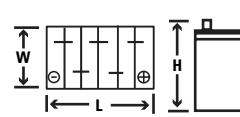


FIG. 28 (151R)

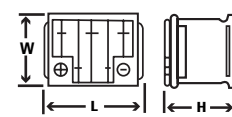


FIG. 24 (99)

### Footnotes for Cell Layout Section

<sup>1</sup> Pencil posts supplied as O.E.    <sup>3</sup> SAE or special "bus" side terminals

<sup>2</sup> SAE or 3/8" stud posts.    <sup>4</sup> Special lawn mower "L" terminals

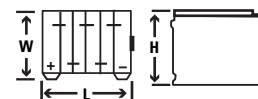


FIG. 35 (79, 100)

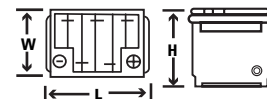


FIG. 39 (67R)

# Assembly Numbers, Cell Layouts and Terminals

## Cast Lead Battery Terminals

Cast Lead (Preferred)				
				
<b>Straight</b>	<b>Inline</b>	<b>Flag</b>	<b>Vertical</b>	
Cast Lead Battery Terminals				
Part Number	Size	Polarity	Comments	Boot/Cover
Straight				
304-5664	2	Positive	Nut Right	-
363-4083	2	Negative	Nut Right	-
7X-1593	4	Negative	Nut Right	-
7X-1594	4	Positive	Nut Right	-
9W-3962	0	Negative	Nut Right	7N-5274
9W-3961	0	Positive	Nut Right	8N-1725
363-8981	00	Positive	Straight- Stud Bolt (Right)	352-4708
288-6202	00	Negative	Nut Left	7T-9988
9W-3459	00	Negative	Nut Right	7T-9988
350-8702	00	Negative	Straight- Stud Bolt (Right)	352-4707
352-4705	00	Negative	Straight- Stud Bolt (Left)	352-4709
288-6201	00	Positive	Nut Left	7T-9987
9W-3460	00	Positive	Nut Right	7T-9987
141-6647	00	Positive	Straight- Stud Bolt (Left)	7T-9987
352-4704	00	Positive	Straight- Stud Bolt (Right)	352-4709
235-1300	000	Negative	Nut Right	7T-9988
345-9746	000	Negative	Straight- Stud Bolt (Left)	221-3352
235-1298	000	Positive	Nut Right	7T-9987
187-8911	0000	Negative	Nut Right	7T-9988
187-8910	0000	Positive	Nut Right	7T-9987
235-8106	00 & 12	Negative	Straight & Straight (Nut Right)	7N-5274
235-8105	00 & 12	Positive	Straight & Straight (Nut Right)	8N-1725
221-3351	0000 & 2	Negative	Straight & Straight (Nut Right)	221-3352
141-2640	0000 & 2	Positive	Straight & Straight (Nut Right)	141-2316
Inline				
Part Number	Size	Polarity	Comments	Boot/Cover
6T-7420	00	Negative	Nut Left	7T-4925
6T-7418	00	Positive	Nut Left	7T-4924
8C-4282	000	Negative	Nut Right	7T-4925
8C-4281	000	Positive	Nut Right	7T-4924
9X-6765	0000	Negative	Nut Left	7T-4925
9X-6765	0000	Positive	Nut Left	7T-4924
Flag				
Part Number	Size	Polarity	Comments	Boot/Cover
9W-3417	00	Negative	RH (Nut Left)	9G-0005
9W-3723	00	Negative	LH (Nut Right)	9G-0003
9W-3416	00	Positive	RH (Nut Left)	9G-0004
9W-3722	00	Positive	LH (Nut Right)	9G-0002
364-3765	00 & 00	Positive	LH & LH (Nut Left)	206-6395
295-9787	00 & 00	Positive	RH & RH (Nut Left)	295-9838
226-1935	000	Negative	LH (Nut Left)	9G-0003

# Assembly Numbers, Cell Layouts and Terminals

## Cast Lead Battery Terminals (Cont'd.)

Cast Lead Battery Terminals				
Part Number	Size	Polarity	Comments	Boot/Cover
<b>Straight</b>				
8C-4601	000	Negative	RH (Nut Right)	9G-0005
8C-4600	000	Positive	LH (Nut Left)	9G-0002
9X-0415	000	Positive	RH (Nut Left)	9G-0004
167-1275	0000	Negative	LH (Nut Right)	9G-0003
9X-6759	0000	Negative	RH (Nut Left)	9X-5583
9X-1369	0000	Positive	RH (Nut Left)	9X-5632
<b>Vertical</b>				
Part Number	Size	Polarity	Comments	Boot/Cover
249-9042	00	Negative	Nut Left	249-9066
371-2583	00	Negative	Stud Bolt (Left)	-
290-1219	00	Positive	Nut Left	290-2077
<b>Specialized</b>				
Part Number	Size	Polarity	Comments	Boot/Cover
197-9044	00 & 00	Negative	LH & Vertical (Nut Right)	197-9045
352-4706	00 & 00	Negative	LH & Vertical - Stud Bolt (Left)	352-4710
311-2835	00 & 00	Positive	RH & Vertical (Nut Right)	311-2736
373-4028	00 & 00	Positive	RH & Vertical - Stud Bolt (Right)	373-4029
197-7800	00, 00 & 2	Positive	RH, Vertical & Vertical (Nut Right)	197-7801
245-6038	0000 & 2	Negative	LH & LH (Nut Left)	249-9056
206-6394	0000 & 2	Positive	LH & LH (Nut Right)	206-6395
364-2510	Various	Negative	See Drawing (Nut Right)	363-9054
229-9855	00	Negative	Straight - Vertical Stud (Nut Right)	229-9856
247-1337	00	Positive	Straight - Vertical Stud (Nut Right)	247-1336
235-8634	00	Positive	LH - Studs Top & LH (Nut Right)	235-8636
152-6566	0000	Negative	Inline-Vertical Stud (Nut Left)	-
152-6565	0000	Positive	Inline-Vertical Stud (Nut Left)	-

# Assembly Numbers, Cell Layouts and Terminals



## Crimp Battery Terminals

Straight				
Part Number	Size	Polarity	Comments	Boot/Cover
264-6151	2	Positive	-	9G-0005
264-6153	2	Negative	-	9G-0002
158-4610	4	Negative	-	9G-0004
7X-1591	4	Positive	-	9G-0003
7X-1169	0	Negative	7N-5274	9X-5583
8T-9758	0	Positive	8N-1725	9X-5632
3S-6050	00	Negative	7T-9988	
3S-6049	00	Positive	7T-9987	
9S-6333	000	Negative	7T-9988	
3S-6051	000	Positive	7T-9987	
189-0158	0000	Negative	7T-9988	
188-0157	0000	Positive	7T-9987	
Inline				
Part Number	Size	Polarity	Comments	Boot/Cover
9S-5752	0	Positive	-	249-9066
9S-5753	0	Negative	-	-
9S-5755	00	Negative	7T-4925	290-2077
9S-5754	00	Positive	7T-4924	
5M-9205	00	Negative	7T-4925	
5M-9204	00	Positive	7T-4924	
8C-4660	000	Negative	7T-4925	
8C-4659	000	Positive	7T-4924	
9X-6763	0000	Negative	7T-4925	
9X-6766	0000	Positive	7T-4924	
Flag				
Part Number	Size	Polarity	Comments	Boot/Cover
8C-5918	00	Negative	RH	9G-0005
8T-9757	00	Negative	LH	9G-0003
8C-5917	00	Positive	RH	9G-0004
8T-9756	00	Positive	LH	9G-0002
226-3826	000	Negative	LH	9G-0003
8C-4603	000	Negative	RH	9G-0005
8C-4613	000	Positive	LH	9G-0002
9X-1402	000	Positive	RH	9G-0004
167-1276	0000	Negative	LH	9X-5583
9X-6760	0000	Negative	RH	9X-5583
9X-4504	0000	Positive	RH	9X-5632



# Assembly Numbers, Cell Layouts and Terminals

## Cable Ring Terminals

Cast Lead (Preferred)		
		
STRAIGHT	90 DEGREE	Flag

### 1/0 AWG

STUD OR BOLT SIZE		Angle of Inclination	PREFERRED		BOOTS/COVER		
English Stud	Metric Stud		Base	Heat Shrink Sealed	Red	Black	
1/4	M6	–	030-1709		301-0091	9G-8909	
1/4	M6	FLAG	240-1615		229-2698	260-2998	
1/4	M6	90°	197-6800		276-1786	299-9092	
5/16	M8	–	030-1708		301-0091	9G-8909	
5/16	M8	FLAG	375-2144		229-2698	260-2998	
5/16	M8	45°	451-4528		299-6082	299-6083	
5/16	M8	90°	195-3253		276-1786	299-9092	
3/8	M10	–	317-3356		317-3357	6T-0465	8N-0869
1/2	M12	–	1M-4986			301-0091	9G-8909
1/2	M12	90°	189-1899			276-1786	299-9092

### 2/0 AWG

STUD OR BOLT SIZE		Angle of Inclination	PREFERRED			BOOTS/COVER		
English Stud	Metric Stud		Base	Heat Shrink Sealed	Heat Shrink	Red	Black	
1/4	M6	–	030-1709	348-2309		301-0091	9G-8909	
1/4	M6	FLAG	276-4118					
1/4	M6	45°	348-4169	348-8932		299-6082	299-6083	
1/4	M6	90°	283-8657			9X-5699	9X-9120	
5/16	M8	–	030-1705			301-0091	9G-8909	
5/16	M8	–	275-8665			229-2698	260-2998	
5/16	M8	45°	384-1357			299-6082	299-6083	
5/16	M8	90°	311-3475			311-3476	276-1786	299-9092
3/8	M10	–	1S-7252				301-0091	9G-8909
3/8	M10	FLAG	4D-1248				229-2698	260-2998
3/8	M10	45°	276-7278	348-2315		299-6082	299-6083	
3/8	M10	90°	315-0180		315-0181	276-1786	299-9092	
1/2	M12	–	1S-7251			301-0091	9G-8909	
1/2	M12	FLAG	229-2696			229-2698	260-2998	
1/2	M12	45°	274-9183			299-6082	299-6083	
1/2	M12	90°	208-4617			276-1786	299-9092	

### 3/0 AWG

STUD OR BOLT SIZE		Angle of Inclination	PREFERRED	BOOTS/COVER	
English Stud	Metric Stud		Base	Red	Black
5/16	M8		031-9292	9X-4519	294-2319

# Assembly Numbers, Cell Layouts and Terminals

## Crimp Battery Terminals (Cont'd.)

### 3/0 AWG (Cont'd.)

STUD OR BOLT SIZE		Angle of Inclination	PREFERRED		BOOTS/COVER	
English Stud	Metric Stud		Base	Heat Shrink Sealed	Red	Black
3/8	M10		035-0425		9X-4519	294-2319
3/8	M10	45°	441-0393		198-9562	330-4419
3/8	M10	90°	239-0634		194-4046	299-9092
1/2	M12		5P-2600		9X-4519	294-2319
1/2	M12	45°	390-0853		198-9562	330-4419
1/2	M12	90°	262-9668		194-4046	299-9092

### 4/0 AWG

STUD OR BOLT SIZE		Angle of Inclination	PREFERRED		BOOTS/COVER	
English Stud	Metric Stud		Base	Heat Shrink Sealed	Red	Black
5/16	M8		031-9294		9X-4519	294-2319
5/16	M8	45°	363-8980		198-9562	330-4419
3/8	M10		031-9295	348-2310	9X-4519	249-2319
3/8	M10	45°	197-5874	348-2312	198-9562	330-4419
3/8	M10	90°	288-4232	348-2316	348-7341	348-9152
1/2	M12		3L-7634	348-2317	9X-4519	294-2319
1/2	M12	FLAG	321-1010		229-2698	
1/2	M12	45°	189-6464	348-2311	198-9562	330-4419
1/2	M12	90°	261-1730	348-2314	348-7341	299-9092

# BCI Group Sizes and Overall Dimensions

BCI GRP. NO.	BCI FIG. NO.	VOLTS	Maximum Overall Dimensions Inches and (mm)		
			L	W	H
1	2	6	9 1/8 (232)	7 1/8 (181)	9 3/8 (238)
2	2	6	10 3/8 (264)	7 1/8 (181)	9 3/8 (238)
2E	5	6	19 3/8 (492)	4 1/8 (105)	9 1/8 (232)
2N	1	6	10 (254)	5 9/16 (141)	8 15/16 (227)
3	2	6	11 3/4 (298)	7 1/8 (181)	9 3/8 (238)
3D	2	6	20 3/8 (518)	8 3/4 (222)	10 (254)
3EE	9	12	19 5/16 (491)	4 3/8 (111)	8 7/8 (225)
3EH	5	6	19 5/16 (491)	4 3/8 (111)	9 13/16 (249)
3ET	9	12	19 5/16 (491)	4 3/8 (111)	9 13/16 (249)
4	2	6	13 1/8 (334)	7 1/8 (181)	9 3/8 (238)
4B	8	12	21 1/4 (540)	11 1/8 (283)	10 7/8 (276)
4D	8	12	20 3/4 (527)	8 3/4 (222)	9 13/16 (249)
4DLT	16L	12	20 (508)	8 3/16 (208)	7 15/16 (202)
4EH	5	6	19 5/16 (491)	5 (127)	9 13/16 (249)
5D	2	6	13 3/4 (349)	7 1/8 (181)	9 3/8 (238)
6D	8	12	20 3/4 (527)	10 (254)	10 1/4 (260)
7D	2	6	16 1/4 (413)	7 1/8 (181)	9 3/8 (238)
8D	8	12	20 3/4 (527)	11 1/8 (283)	9 13/16 (249)
12T	10	12	7 1/16 (179)	6 15/16 (177)	7 15/16 (202)
16TF	10F	12	16 9/16 (421)	7 1/8 (181)	11 1/8 (283)
17HF	2B	6	7 3/8 (187)	6 7/8 (175)	9 (229)
17TF	11L	12	17 1/16 (433)	6 15/16 (177)	7 15/16 (202)
19L	2	6	8 1/2 (216)	7 (178)	7 1/2 (191)
21	10	12	8 3/16 (208)	6 13/16 (173)	8 3/4 (222)
21R	11	12	8 3/16 (208)	6 13/16 (173)	8 3/4 (222)
22F	11F	12	9 1/2 (241)	6 7/8 (175)	8 5/16 (211)
22HF	11F	12	9 1/2 (241)	6 7/8 (175)	9 (229)
22NF	11F	12	9 7/16 (240)	5 1/2 (140)	8 15/16 (227)
22R	11	12	9 (229)	6 7/8 (175)	8 5/16 (211)
24	10	12	10 1/4 (260)	6 13/16 (173)	8 7/8 (225)
24F	11F	12	10 3/4 (273)	6 13/16 (173)	9 (229)
24H	10	12	10 1/4 (260)	6 13/16 (173)	9 3/8 (238)
24R	11	12	10 1/4 (260)	6 13/16 (173)	9 3/8 (238)
24T	10	12	10 1/4 (260)	6 13/16 (173)	9 3/4 (248)
25	10	12	9 1/16 (230)	6 7/8 (175)	8 7/8 (225)
26	10	12	8 3/16 (208)	6 13/16 (173)	7 3/4 (197)
26R	11	12	8 3/16 (208)	6 13/16 (173)	7 3/4 (197)
27	10	12	12 1/16 (306)	6 13/16 (173)	8 7/8 (225)
27F	11F	12	12 1/2 (318)	6 13/16 (173)	8 15/16 (227)
27H	10	12	11 3/4 (298)	6 13/16 (173)	9 1/4 (235)
27R	11	12	12 1/16 (306)	6 13/16 (173)	8 7/8 (225)
28	18	12	10 1/4 (260)	6 13/16 (173)	9 7/16 (240)
29H	10	12	13 1/8 (334)	6 11/16 (170)	9 1/8 (232)
29NF	11F	12	13 (330)	5 1/2 (140)	8 15/16 (227)
30H	10	12	13 1/2 (343)	6 13/16 (173)	9 1/4 (235)
31	18	12	13 (330)	6 13/16 (173)	9 7/18 (240)

BCI GRP. NO.	BCI FIG. NO.	VOLTS	Maximum Overall Dimensions Inches and (mm)		
			L	W	H
33	11F	12	13 5/16 (338)	6 13/16 (173)	9 3/8 (238)
34	10	12	10 1/4 (260)	6 13/16 (173)	7 7/8 (200)
34R	11	12	10 1/4 (260)	6 13/16 (173)	7 7/8 (200)
35	11	12	9 1/16 (230)	6 7/8 (175)	8 7/8 (225)
36R	19	12	10 3/8 (263)	7 3/16 (183)	8 1/8 (206)
39	15	12	8 1/8 (206)	6 7/8 (175)	7 (178)
40R	15	12	10 15/16 (278)	6 7/8 (175)	6 7/8 (175)
41	15	12	11 9/16 (293)	6 7/8 (175)	6 7/8 (175)
42	15	12	9 1/2 (241)	6 7/8 (175)	6 7/8 (175)
43	15	12	13 1/8 (334)	6 7/8 (175)	8 1/16 (205)
45	10F	12	9 7/16 (240)	5 1/2 (140)	8 15/16 (227)
46	40F	12	10 3/4 (273)	6 13/16 (173)	9 (229)
47	24	12	9 1/2 (242)	6 7/8 (175)	7 1/2 (190)
48	24	12	10 15/16 (278)	6 7/8 (175)	7 1/2 (190)
49	24	12	13 7/8 (353)	6 7/8 (175)	7 1/2 (190)
50	10	12	13 1/2 (343)	5 (127)	10 (254)
51	10	12	9 3/8 (238)	5 1/16 (129)	8 3/4 (223)
51R	11	12	9 3/8 (238)	5 1/16 (129)	8 3/4 (223)
52	10	12	7 5/16 (186)	5 13/16 (147)	8 1/4 (210)
53	14	12	13 (330)	4 11/16 (119)	8 1/4 (210)
54	19	12	7 5/16 (186)	6 1/16 (154)	8 3/8 (212)
55	19	12	8 9/16 (218)	6 1/16 (154)	8 3/8 (212)
56	19	12	10 (254)	6 1/16 (154)	8 3/8 (212)
57	22	12	8 1/16 (205)	7 3/16 (183)	6 15/16 (177)
58	26	12	10 1/16 (255)	7 3/16 (183)	6 15/16 (177)
58R	19	12	10 1/16 (255)	7 3/16 (183)	6 15/16 (177)
59	21	12	10 1/16 (255)	7 11/16 (195)	7 3/4 (196)
60	12	12	13 1/16 (332)	6 5/16 (160)	8 7/8 (225)
61	20	12	7 9/16 (192)	6 3/8 (162)	8 7/8 (225)
62	20	12	8 7/8 (225)	6 3/8 (162)	8 7/8 (225)
63	20	12	10 3/16 (258)	6 3/8 (162)	8 7/8 (225)
64	20	12	11 5/8 (296)	6 3/8 (162)	8 7/8 (225)
65	21	12	12 1/16 (306)	7 9/16 (192)	7 9/16 (192)
66	13	12	12 1/16 (306)	7 9/16 (192)	7 5/8 (194)
67R	39	12	9 1/8 (231)	6 15/16 (175)	6 15/16 (175)
70	17	12	8 3/16 (208)	7 1/16 (180)	7 11/16 (196) <sup>(1)</sup>
71	17	12	8 3/16 (208)	7 1/16 (179)	8 1/2 (216)
72	17	12	9 1/16 (230)	7 1/16 (179)	8 1/4 (210)
73	17	12	9 1/16 (230)	7 1/16 (179)	8 1/2 (216)
74	17	12	10 1/4 (260)	7 1/4 (184)	8 3/4 (222)
75	17	12	9 1/16 (230)	7 1/16 (180)	7 11/16 (196) <sup>(1)</sup>
76	17	12	13 1/8 (334)	7 1/16 (180)	8 1/2 (216) <sup>(1)</sup>
78	17	12	10 1/4 (260)	7 1/16 (180)	7 11/16 (196) <sup>(1)</sup>
79	35	12	12 1/16 (307)	7 1/16 (180)	7 3/8 (188)
85	11	12	9 1/16 (230)	6 13/16 (173)	8 (203)
86	10	12	9 1/16 (230)	6 13/16 (173)	8 (203)

<sup>1</sup> Maximum height dimensions shown includes batteries with raised quarter cover design. Flat-top design model height (minus quarter covers) reduced approximately 3/8 inch (10 mm).

# BCI Group Sizes and Overall Dimensions

BCI GRP. NO.	BCI FIG. NO.	VOLTS	Maximum Overall Dimensions Inches and (mm)		
			L	W	H
90	24	12	9 1/2 (242)	6 7/8 (175)	6 7/8 (175)
91	24	12	10 15/18 (278)	6 7/8 (175)	6 7/8 (175)
92	24	12	12 3/8 (315)	6 7/8 (175)	6 7/8 (175)
93	24	12	13 7/8 (353)	6 7/9 (175)	6 7/8 (175)
94R	24	12	12 3/8 (315)	6 7/8 (175)	7 1/2 (190)
95R	24	12	15 1/2 (394)	6 7/8 (175)	7 1/2 (190)
96R	15	12	9 1/2 (242)	6 13/16 (252)	6 7/8 (175)
97R	15	12	9 15/18 (252)	6 7/8 (175)	7 1/2 (190)
98R	15	12	11 1/8 (283)	6 7/8 (175)	7 1/2 (190)
99R	24	12	8 5/16 (210)	6 7/8 (175)	6 7/8 (175)

BCI GRP. NO.	BCI FIG. NO.	VOLTS	Maximum Overall Dimensions Inches and (mm)		
			L	W	H
100	35	12	10 1/4 (260)	7 1/16 (179)	7 3/8 (188)
101	17	12	10 1/4 (260)	7 1/16 (179)	6 11/16 (170)
121R	11H	12	8 1/4 (222)	7 (178)	8 1/2 (216)
124R	11H	12	10 3/4 (274)	7 (178)	8 5/8 (194)
151R	28	12	7 7/16 (188)	4 15/16 (125)	8 7/8 (225)
GC2	2	6	10 3/8 (264)	7 3/16 (183)	10 5/8 (270)(2)
U1	10	12	7 3/4 (197)	5 3/16 (132)	7 5/16 (186)
U1R	11	12	7 3/4 (197)	5 3/16 (132)	7 5/16 (186)
U2	10	12	6 5/16 (160)	5 3/16 (160)	7 1/8 (181)

2 Height may vary with different terminal types.

# BCI / JIS Reference Chart

## Best Fit Estimate – BCI Group Size

BCI Group No.	BCI Assembly Figure	Maximum JIS Dimensions (mm)			JIS Reference Size Number Information	
		Length	Width	Height	JIS Type Description	Conventional
21	10	202	173	225	50D20R	N50S
21R	11	202	173	225	50D20L	N50SL
24	10	260	173	225	48D26R, 55D26R, 65D26R, 75D26R, 80D26R	N50, N50Z, NS70
24R	11	260	173	225	48D26L, 55D26L, 65D26L, 75D26L, 80D26L	N50L, N50ZL, NS70L
25	10	232	173	225	55D23R, 65D23R, 70D23L, 75D23R	
27	10	306	173	225	65D31R, 75D31R, 95D23R	N70, N70B, NX120
27R	11	306	173	225	65D31L, 75D31L, 95D31L	N70L, N70ZL, NX120-7L
29H <sup>(1)</sup>	10	410	176	234	95E41R, 105E41R, 115E41R, 130E41R, 95E41L, 105E41L, 115E41L, 130E41L	N100
35	11	232	173	225	55D23L, 65D23L, 70D23L, 75D23L	
51 <sup>(2)</sup>	10	238	135	227	46B24R, 50B24R, 55B24R, 32C24R	N40, NS60
51R <sup>(2)</sup>	11	238	129	227	46B24L, 50B24L, 55B24L, 32C24L	N40L, NS60L
151R	28	188	125	225	44B19L (S)	
4D	8	505 508	182 222	257 257	15F51, <sup>(3)</sup> 145F51, <sup>(3)</sup> 150F51, <sup>(3)</sup> 170F51, <sup>(3)</sup> 14G51,165G51, 180G51, 195G51	N120, <sup>(3)</sup> NS150, <sup>(3)</sup>
8D	8	521	278	270	180H52, 245H52	N200
N/A <sup>(2)</sup>	11	194	126	224	S34B20L – Toyota Prius: Remote Venting	
N/A	10	165	124	218	S34B24R – Honda Insight	
N/A	11	248	127	190	46A24L – Mazda Miata: Remote Venting	
N/A	—	167	127	227	28B17L, 34B17L, 28B17R, 34B17R	
N/A	—	187	127	227	34B19L, 34B19R	
N/A	—	197	129	227	38B20L, 38B20R	
N/A	—	187	127	184	26A19L, 26A19R	
N/A	—	187	127	187	26A19L, 26A19R, 28A19R, 32A19R	
N/A	—	167	127	227	26B17L, 26B17R	
N/A	—	187	127	227	28B19L, 28B19R	
N/A	—	197	129	227	36B20L, 36B20R	
N/A	—	187	127	187	26A19L, 26A19R, 28A19R, 32A19R	
N/A	—	167	127	227	26B17L, 26B17R	
N/A	—	187	127	227	28B19L, 28B19R	
N/A	—	197	129	227	36B20L, 36B20R	

### JIS Number Interpretation:

Example – 55D23R

- 55 – Performance
- D – Classification by battery width x container height
- 23 – Approximate battery length in mm when multiplied by 10.
- R – Last letter designated polarity: R = standard (LHF), L = Reversed (RHF)- Left Hand Positive Termination

The information contained in this chart is deemed accurate and appropriate at the time of its publication. It represents out “best fit estimate” of the BCI group size to the JIS dimensional reference size. BCI provides this information as a service to the subscribers of the Data Book. While BCI strives for accuracy, it makes no promises or warranties regarding the accuracy or usefulness of this information and expressly disclaim any liability related to the use or reliability of the information contained in this chart. BCI, its officer, directors, employees, agents and its member affiliates cannot be held liable for the accuracy or use this data.

<sup>1</sup> BCI Group 29H is 76 mm shorter in length than JIS designated part.

<sup>2</sup> OEM post may be small diameter

<sup>3</sup> BCI designated Group 4D is 38 mm wider than JIS part. 4D will fit most JIS applications.

# BCI / DIN / EN Reference Chart

## European Reference Information

BCI Group Number	BCI Assembly Figure	Maximum Dimensions (mm)			Holddown	Lifting Ledge	Positive Terminal Location	DIN Code		EN Codes
		Length	Width	Height						
40R	15	278	175	175	B1	No	Right	T6	LB3	66LB
41	15	293	175	175	B4	No	Right	T65	N/A	54LB
47	24	242	175	190	B3	Yes	Right	H5	L2	55L2
48	24	278	175	190	B3	Yes	Right	H6	L3	66L3
49	24	354	175	190	B3	Yes	Right	H8	L5	99L5
91	24	278	175	175	B3	Yes	Right	T6	LB3	66LB
92	24	315	175	175	B3	Yes	Right	T7	LB4	77LB
93	24	354	175	175	B3	Yes	Right	T8	LB5	88LB
94R	24	315	175	190	B3	Yes	Right	H7	L\$	77L4
95R	24	394	175	190	B3	Yes	Right	H9	L6	
97R	15	252	175	190	B4	No	Right	H5	L2	55L2
98R	15	283	175	190	B4	No	Right	H6	L3	66L3
99	34	207	175	175	B1	Yes	Left	T4	LB1	36LB
99R	24	210	175	175	B3	Yes	Right	T4	LB1	36LR
N/A	N/A	175	175	190	B3	Yes	Right	H3	Lo	32LO
N/A	N/A	207	175	190	B3	Yes	Right	H4	L1	45L1

### CAUTION

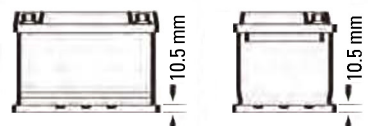
These are common holddown types but others may be used. Holddown descriptions:

B1 = 10.5 mm high with 3 or 5 notches.

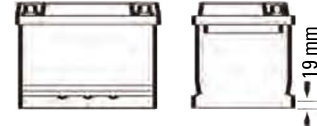
B3 = 10.5 mm high on sides with 3 or 4 notches on sides and 3 notches on side only.



**B1**  
Base holddown 10.5 mm  
(on long sides)



**B3**  
Base holddown 10.5 mm  
(on long and short sides)



**B4**  
Base holddown 19 mm  
(on long sides)

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# Conversion Chart






SAE	EN	IEC	DIN
155	145	100	90
200	180	130	110
250	230	160	140
300	280	195	170
350	330	225	200
400	360	260	225
450	420	290	255
500	480	325	280
550	520	355	310
600	540	390	335
650	600	420	365
700	640	450	395
750	680	485	420
800	760	515	450
850	790	550	480
900	860	580	505
950	900	615	535
1000	940	645	560
1050	1000	680	590
1100	1040	710	620
1150	1080	745	645
1200	1150	775	675
1250	1170	810	700
1300	1220	840	730
1350	1270	870	760
1400	1320	905	790
1450	1360	935	815
1500	1410	975	820
1540	1450	1000	870

JIS	SAE
26A17	225
26A19	201
28A19	248
32A19	294
26B17	225
28B17	246
34B17	279
28B19	247
34B19	272
36B20	274
38B20	332
46B24	325
50B24	390
55B24	433
32C24	238
50D20	306
55D23	356
65D23	420
70D23	490
75D23	520
48D26	278

JIS	SAE
55D26	348
65D26	413
75D26	490
80D26	582
65D31	389
75D31	447
95D31	622
95E41	512
105E41	577
115E41	651
130E41	799
115F51	638
145F51	780
150F51	916
170F51	1045
145G51	754
165G51	933
180G51	1090
195G51	1146
190H52	624
245H52	1532

# Battery Safety

**⚠ DANGER/POISON**

 <b>SHIELD EYES.</b> EXPLOSIVE GASES CAN CAUSE BLINDNESS OR INJURY.	 <b>NO</b> ✘ SPARKS ✘ FLAMES ✘ SMOKING	 <b>SULFURIC ACID</b> CAN CAUSE BLINDNESS OR SEVERE BURNS.	 <b>FLUSH EYES IMMEDIATELY WITH WATER.</b>  <b>GET MEDICAL HELP FAST.</b>
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**KEEP OUT OF THE REACH OF CHILDREN. DO NOT TIP. KEEP VENT CAPS TIGHT AND LEVEL. DO NOT OPEN FLUSH COVER BATTERIES.**

**DANGER**  
EXPLOSIVE GASES

Cigarettes, flames or sparks could cause battery to explode. Always shield eyes and face from battery. Do not charge or use booster cables or adjust post connections without proper instruction and training.

**POISON**  
CAUSES SEVERE BURNS

**KEEP VENT CAPS TIGHT AND LEVEL.**

Contains sulfuric acid. Avoid contact with skin, eyes or clothing. In event of accident flush with water and call a physician immediately.

**KEEP OUT OF REACH OF CHILDREN.**

## CALIFORNIA PROPOSITION 65 WARNING

Batteries, battery posts, terminals and related accessories contain lead and lead compounds, and other chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

**Wash hands after handling.  
DO NOT INHALE SULFURIC ACID MIST**

## DANGER OF EXPLODING BATTERIES

Batteries contain sulfuric acid and produce explosive mixtures of hydrogen and oxygen. Because self-discharge action generates hydrogen gas even when the battery is not in operation, make sure batteries are stored and worked on in a well-ventilated area. **ALWAYS wear safety glasses and a face shield** when working on or near batteries.

When working with batteries:

- **Always wear proper eye, face and hand protection.**
- Keep all sparks, flames and cigarettes away from the battery.
- Do not attempt to open a flush cover battery.
- **Never lean over battery** while boosting, testing or charging.
- Cover vent caps with a damp cloth and hand protection to minimize gas seepage.
- Make sure work area is well ventilated.
- **Do not remove or damage vent caps**
- **Do not breathe acid mist.**

## SAFETY BATTERY INSTALLATION

To assure safe installation and proper operation, follow these installation procedures:

- **Always wear proper eye, face and hand protection.**
- **Disconnect ground cable first** (this is usually the negative cable; however, older vehicles may have a positive ground).
- Remove old battery – note position of positive (+) terminal and negative (–) terminal.  
**Mark the cables for correct connection to new battery.**
- Clean terminals and cable connections with a wire brush. Broken connections or frayed or cut cables should be replaced.
- Install the new battery in the same position as the old one.  
**Be sure to secure it with the hold-down assembly.**
- Make sure the terminals do not touch any metal mounting, engine or body parts.
- Connect cables tightly. **Connect ground cable last to avoid sparks and explosion.**

## SAFE CHARGING

Before beginning the charging operation, read and follow the instructions that come with the charger. **Never attempt to charge a battery without first reviewing the instructions for the charger being used.** In addition to the charger manufacturer's instructions, these general precautions should be followed:

- Always charge batteries in a well-ventilated area and **wear proper eye protection.**
- Turn the charger and timer "OFF" before connecting the leads to the battery **to avoid dangerous sparks.**
- To avoid an explosion, never try to charge a visibly damaged or frozen battery.
- Connect the charger leads to the battery; red positive (+) lead to the positive (+) terminal and black negative (-) lead to the negative (-) terminal. If the battery is still in the vehicle, connect the negative lead to the engine block, away from the battery, to serve as a ground. (If the vehicle is positive grounded, connect the positive lead to the engine block.)
- Make sure that the leads to the connections are tight
- Set the timer, turn the charger on and slowly increase the charging rate until the desired ampere value is reached.
- If the battery becomes hot or if violent gassing or spewing of electrolyte occurs, reduce the charging rate or temporarily halt the charger.
- Always turn the charger "OFF" before removing charger leads from the battery **to avoid dangerous sparks.**

## HANDLING BATTERY ACID

Battery acid, or electrolyte, is a solution of sulfuric acid and water that can destroy clothing and burn the skin. Use extreme caution when handling electrolyte and keep an acid neutralizing solution - such as baking soda or household ammonia mixed with water - readily available. When handling batteries:

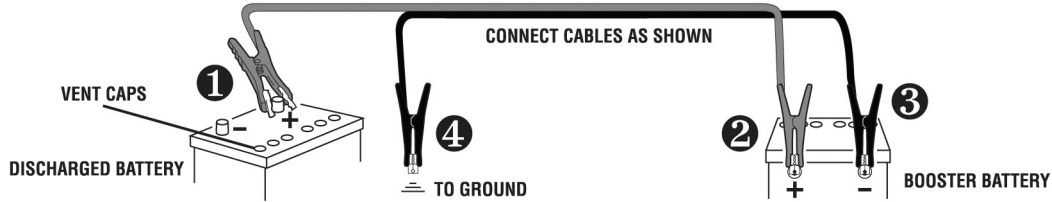
- **Always wear proper eye, face and hand protection.**
- If the electrolyte is splashed into an eye, immediately force the eye open and flood it with clean, cool water for at least 15 minutes. Get prompt medical attention.
- If electrolyte is taken internally, drink large quantities of water or milk. **DO NOT** induce vomiting. Call a physician immediately.
- Neutralize with baking soda any electrolyte that spills on a vehicle or in the work area. After neutralizing, rinse contaminated area clean with water.

Mixing acid can be very dangerous! Do not attempt without proper training. To prepare electrolyte of a specific gravity, always pour the concentrated acid slowly into the water; **DO NOT pour water into the acid.** Always stir the water while adding small amounts of acid. If noticeable heat develops, allow the solution to cool before continuing to add acid.

# Battery Safety

## SAFE BOOSTER CABLE OPERATION

When jump starting, **always wear proper eye protection and never lean over battery.** Do not jump start a damaged battery, inspect both batteries before connecting booster cable. **Be sure vent caps are tight and level,** place a damp cloth over the vent caps of both batteries. Make certain that the vehicles and cable ends are not touching and both ignition switches are turned to the "OFF" position:



**Jump Starting Diagram**  
**PROTECT YOUR EYES!**  
**IMPORTANT! Connect to a ground,**  
**away from the battery...away from**  
**moving fan and gas lines.**

1. Connect positive (+) booster cable to positive (+) terminal of discharged battery.
2. Connect other end of positive (+) cable to positive (+) terminal of assisting battery.
3. Connect negative (-) cable to negative (-) terminal of assisting battery.
4. **MAKE FINAL CONNECTION OF NEGATIVE (-) CABLE TO ENGINE BLOCK OF STALLED VEHICLE, AWAY FROM BATTERY.**
5. Start vehicle and remove cables in REVERSE order of connections.

# Battery Replacement Data Application Guide

DISCLAIMER: The battery replacement data published in this guide has been obtained from Battery Council International. The information contained in this guide was the most current information available at the time of publication. The information is subject to change without notice from equipment manufacturers or field experience. Users should consult the most current edition of this application guide and their owner's manual. The marketer and manufacturer expressly deny any responsibility for the accuracy provided. While every effort has been made to accurately catalog the replacement battery information in this guide, any liability for damages as a consequence of using the information in this guide is expressly denied. Users should also attempt to obtain replacement battery data from the original equipment manufacturer's user manual or service department for their specific application

## PASSENGER CARS (1990 THROUGH 2014)

The application data on the following pages is based on the manufacturer's normal original equipment (O.E.) battery installation. It must be kept in mind that at the request of a larger user it is common in many 12-volt and 24-volt commercial systems to use 6-volt batteries connected in series where 12-volt batteries are normally used. As a consequence, it is desirable to check the

original battery size and terminal arrangement before ordering. Also, some manufacturers will change battery sizes and terminal arrangements subject to availability at the time of manufacture or in the middle of a model year. If the battery or batteries to be replaced have terminal and/or cell arrangements different from the standard arrangement for the battery size, be sure to specify exactly the arrangement desired. Also give complete details on all special sizes and/or terminal arrangements. As some batteries are still being marketed with Amp/Hrs. ratings, an approximate equivalent cranking performance value can be obtained by taking 5-1/4 times the Amp/Hrs. rating.

## BATTERY RATINGS

### COLD CRANKING AMPS @ 0°F (CCA)

The primary function of the battery is to provide power to crank the engine during starting. This process requires a large discharge of amperes over a short period of time. Therefore, the cold cranking performance (CCA) rating is defined as **the discharge load in amperes which a new, fully charged battery at 0°F can deliver for 30 seconds and maintain a minimum voltage of 7.2 volts for a 12-volt battery, 3.6 volts for a 6-volt battery.** The cold cranking performance ratings listed in the application section of the guide are the minimum recommendation for each application. There is no warranty level or battery life expectancy expressed or implied by these ratings.

### CRANKING AMPS @ 32°F (CA) or MARINE CRANKING AMPS @ 32°F (MCA)

The cranking performance rating is defined as the discharge load in amperes which a new, fully charged battery at a temperature of 32°F can deliver for 30 seconds and maintain a minimum voltage of 7.2 volts for a 12-volt battery or 3.6 volts for a 6-volt battery.

### RESERVE CAPACITY (RC)

Another function of the battery is to provide emergency power for ignition, lights, etc., in the event of failure of the vehicle's battery recharging system. The reserve capacity rating is defined as the number of minutes a new, fully charged battery at 80°F can be discharged at 25 amperes and maintain a minimum voltage of 10.5 volts for a 12-volt battery or 5.25 volts for a 6-volt battery.

## HEAT SHIELDS

Protective heat shields are being used around batteries with increasing frequency to protect them from premature failure due to high under hood temperatures. Failure to replace the heat shield after installation of a replacement battery may alter the fit, plus reduce its electrical performance and life.

## BEST FIT ESTIMATE

Some equipment manufacturers do not provide complete replacement battery information. In some cases replacement battery size must be estimated using the best information available to guide the battery replacement data guide user. However, the user is cautioned that the size stated is only an estimate. Size and terminal post arrangements may vary from the original equipment manufacturer. Therefore, the user should obtain specific battery replacement size information from the owner's manual or from the dealer or equipment manufacturer. Caution should always be exercised to assure proper cable hook-up and sufficient post clearance before closing the hood or battery cover. Otherwise electrical system, and or vehicle damage, and/or personal injury could result.

# Battery Replacement Data Application Guide

## HOW TO USE THIS APPLICATION GUIDE

This guide is intended to help select the proper battery or an alternate recommendation. The application section lists the **minimum** cold cranking amps @ 0°F and the recommended and optional replacement battery part numbers. The manufacturers are listed alphabetically. For Passenger Cars, Light Trucks and Vans, the applications are listed by year and engine size. The remain- ing vehicles and equipment are listed by model and/or engine numbers. To assure the proper replacement battery:

1. **Find the correct manufacturer (make).**
2. **Select the correct model or engine.**
3. **Determine the year and/or model.**
4. **Read across to the part number and, if applicable, an optional part number.**
5. **Pay close attention to any footnoted information.** If you are specifying a battery to a customer who drives in extreme weather conditions and/or has a vehicle with many electrical options, **suggest a battery with more cold cranking amps than the minimum that is listed.** Batteries with more cold cranking amps will not harm the vehicle or equipment; however, batteries with fewer cold cranking amps may fail prematurely.

## ABBREVIATIONS USED IN THIS GUIDE

AC-Air Conditioning	Fed.-Federal	MFI- Multi-Port Fuel Injection
A-C- Allis Chalmers Alt.- Altitude	Fig.-Figure	MT-Manual Transmission
AT- Automatic Transmission	FI- Fuel Injection	No.-Number
BCI- Battery Council International	Fl.-Florida	O.E.- Original Equipment
Calif.- California	FWD-Front Wheel Drive	OHC- Over Head Cam
carb.- carburetor	GM- General Motors	OHV- Over Head Valve
cc- cubic centimeter	GSE- Gas Starting Engine	opt.-optional
CA-Cranking Amps (32°F)	GVW- Gross Vehicle Weight	Pkg.- package
CCA- Cold Cranking Amps (0°F)	HBL- Heated Back Light (rear window defrost)	PS- Power Steering
CFI- Central Fuel Injection	HD- Heavy Duty	PTO- Power Take Off
comp.- compression	H.O.- High Output	RWD-Rear Wheel Drive
Cont.- Continental	HP- Horsepower	S/C- Supercharged
Conv.- Convertible	HSC- High Swirl Combustion	SEO- Special Electrical Option
cyl.- cylinder	Htd- Heated	SHO- High Output
DD- Detroit Diesel	Htr- Heater	SOHC- Single Over Head Cam
DES-Direct Electric Start	IHC- International Harvester Co.	TBI- Throttle Body
DIN-German Industry Standard	ind.- industrial	Injection V- Venturi
DOHC- Dual Over	Inj.- Injection	w/- with
Head Cam Eng.- Engine	JD-John Deere L-Liter	w/o- without
ex.-except	LPG- Liquefied Petroleum Gas	Wisc.- Wisconsin
		2WD- 2 Wheel Drive
		4WD- 4 Wheel Drive

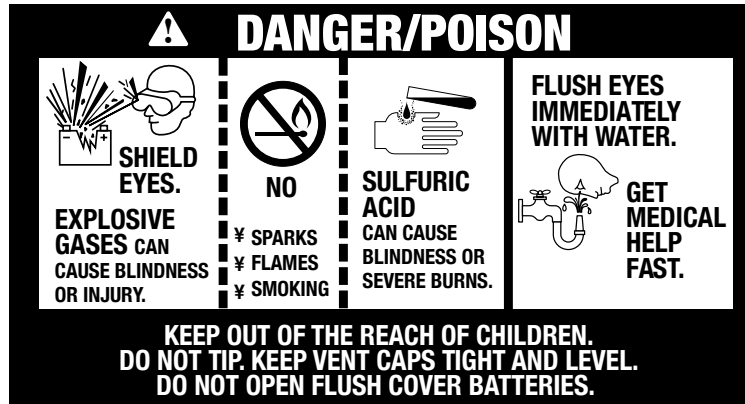


# Battery Care and Maintenance

**Always Wear Eye Protection When Working Around Batteries!**

## Basic Rules for Battery Care & Maintenance

### SAFETY PRECAUTIONS



**California Proposition 65 Warning:** Batteries, battery posts, terminals and related accessories contain lead and lead compounds, and other chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. **Wash hands after handling!**

**Warning:** Follow all safety instructions when handling batteries! Always wear safety glasses and a face shield when working on or near batteries.

All batteries generate explosive hydrogen gas. Keep sparks, flames and cigarettes away from batteries at all times. Do not connect or disconnect “live” circuits. To avoid creating sparks, always turn charging and testing equipment off before attaching or removing clamps.

**ALWAYS DISCONNECT GROUNDED CABLE FIRST AND CONNECT IT LAST TO PREVENT DANGEROUS SPARKS.**

Perform all work in a well ventilated area. Never lean directly over a battery while boosting, testing or charging it.

#### PROTECT YOUR EYES!

Batteries contain corrosive sulfuric acid that can destroy clothing and burn the skin. Neutralize acid spills with a paste made of baking soda and water or large quantities of water. **BE CAREFUL!**

### IN-VEHICLE SERVICE AND TESTING

Follow safety precautions:

#### Wear Proper Eye Protection!

Prior to any testing, visually inspect the battery. Look for:

- Cracked or broken case or cover
- Loose cable connections
- Leaking case-to-cover seal
- Corrosion
- Damaged or leaking terminals

Neutralize any corrosion with a baking soda/water paste or battery cleaner spray. Scrape or brush off the residue and wash the area with clean water. Following your visual inspection, check the battery’s state of charge with a voltmeter.

You must boost charge a weak battery before load testing. (See charging chart under “Charging Tips” section.) If fully charged, perform a load test. **PROTECT YOUR EYES!**

# Battery Care and Maintenance

## DRY CHARGE ACTIVATION

Important...**WEAR PROPER EYE PROTECTION!**

1. Fill each cell to proper level with battery-grade sulfuric acid of 1.265 specific gravity. Battery and acid must be at a temperature of 60°F to 100°F (16°C to 38°C) at time of filling.
2. Boost charge 12V batteries at 15 amps until specific gravity is 1.250 or higher and the electrolyte temperature is at least 60°F (15.5°C). BOTH CONDITIONS MUST BE MET. (Boost charge 6V and 12V heavy-duty batteries at 30 amps.) If violent gassing or spewing occurs, reduce charge rate.
3. After charging, check electrolyte levels. If required, add additional electrolyte to bring all levels to the bottom of the vent wells. DO NOT OVERFILL. If the battery requires top-off while in service, add distilled water...DO NOT ADD ACID.

## SAFE INSTALLATION

Follow safety precautions:

**Wear Proper Eye Protection!**

1. Before removing old battery, mark the positive (+) and negative (-) cables for proper connection to the new battery.
2. Always disconnect the ground cable first [usually negative (-)] to avoid any sparking around battery. Then disconnect the positive (+) cable and carefully remove the old battery.
3. Clean and inspect. If necessary, repaint or replace the tray, hold-down and/or battery cables. Cable ends must be clean and corrosion free. Cable must not be frayed or bare.
4. Put corrosion protection washers on battery terminals. Install new battery in same position as old one and tighten hold-down. Be sure terminals will clear hood, fender, box lid, etc. to avoid vehicle damage and/or explosion.
5. Connect positive (+) cable first. Connect ground cable last. If side terminal connection, use a special side terminal torque tool to tighten side terminal cables to avoid damage. Never overtighten or hammer cables onto terminals.
6. Coat terminals and cable connection with a corrosion protection spray.

## CHECK THE CHARGING SYSTEM

The voltage regulator should be checked every 10,000 miles or every time you change oil. It should be checked immediately if the battery is hot to the touch, if electrolyte is bubbling or spewing from the vents, if your hydrometer reading is below 1.225 or above 1.300, or if the open circuit voltage is below 12.4 volts or above 12.9 volts. Overcharging is evident by excessive water consumption and/or spewing or bubbling of electrolyte out of the vents. Undercharging is evident by slow cranking or lights dimming at idle.

## LOAD TESTING

Follow safety precautions:

**Wear Proper Eye Protection!**

First perform an open circuit voltage test, then an adjustable load test. A load test is the best way to determine if the battery is delivering adequate electrical performance. Make sure your variable load tester is working properly.

1. **You can't load test a discharged battery.** If the voltage is below 12.4, be sure to completely charge it before continuing. Refer to the charging chart under "Charging Tips" section for important information.
2. To avoid sparking and explosive gasses, be sure load tester is OFF and battery is disconnected before hook-up. Use computer memory saver to retain the vehicle's electronic memory while the battery is disconnected.

# Battery Care and Maintenance

3. Connect the positive (+) tester clamp to the positive (+) battery terminal. Then connect the negative (-) tester clamp to the negative (-) battery terminal. Always protect your eyes.
4. Set the tester for one-half the battery's 0°F cold crank rating and apply the load for 15 seconds. (If the CCA rating is unknown, use 1/2 of the minimum O.E. battery CCA requirement of the vehicle.)
5. Estimate the internal temperature of the battery to the nearest 10°F. Apply the load for 15 seconds. Note the voltage at 15 seconds with the load on and immediately shut the load off. A reading at least equal to the value from the chart below indicates a good battery.
6. If the battery did not meet the required voltage and if it was not charged in Step 1, completely recharge the battery and repeat the test. If it still fails to meet requirements, replace the battery.

Battery Temperature	12-Volt Battery	6-Volt Battery
70°F (21°C) or above	9.60	4.80
60°F (16°C)	9.50	4.75
50°F (10°C)	9.40	4.70
40°F (4°C)	9.30	4.65
30°F (1°C)	9.10	4.55
20°F (6°C)	8.90	4.45
10°F (12°C)	8.70	4.35
0°F (18°C)	8.50	4.25

## CONDUCTANCE TESTING

Follow safety precautions:

### **Wear Proper Eye Protection!**

Conductance uses the battery's response to a very small signal in an attempt to predict the effects of a much larger current. Conductance testing is ineffective on a discharged battery. If the battery is known to be discharged or if the tester tells the operator to charge before testing again, the battery must be completely recharged.

1. It may not be required to turn a conductance tester off or on. If off, you must turn on immediately when connected to a battery. Most will turn off automatically if ignored long enough. Some have no battery of their own and get all their power from the battery being tested.
2. Connect the positive (+) tester clamp to the positive (+) battery terminal. Then connect the negative (-) tester clamp to the negative (-) battery terminal. If the battery has more than one pair of terminals (e.g. top posts and side terminals) always perform the testing on the terminals that are used in the vehicle. Use the proper charging adapters for stud or side terminal batteries. Never connect tester to a bolt or stud.
3. Turn on if needed. Enter the requested information. Be sure to distinguish between a CCA rating and a CA or MCA rating. If no rating is available, use the minimum O.E. battery CCA requirement of the vehicle.
4. If the tester says to replace a battery that was tested in the vehicle, repeat the testing after removing the cables and cleaning the posts.

## CHECK THE STATE OF CHARGE

There are two styles of battery... **non-accessible maintenance-free types and accessible maintainable types with removable vent caps.**

Before adding water to a maintainable battery, take an open circuit voltage reading and/or hydrometer reading of one cell. Use a different cell each time. If the readings are below 75%, charge the battery. If the electrolyte level is too low to read with a hydrometer, add water and take the hydrometer reading the following day, after the vehicle has been driven and the water has had an opportunity to mix. Check electrolyte levels in all cells. If necessary, add only clear, odorless drinking water to bring the liquid level to the level indicator or to 1/2" (13 mm) above the top of the separators. Distilled water is preferred, especially

# Battery Care and Maintenance

if the water in your area has high iron. **Do not overfill any cells.** Excess electrolyte may be forced from an overfilled cell and cause corrosion on adjacent metal parts, reduce performance, and shorten life. In cold weather, do not fill cells with water and let stand without running engine or driving the vehicle long enough to allow water to mix with acid. Otherwise, freezing might occur and the battery may crack or explode.

Maintenance-free, **non-accessible batteries** are designed to eliminate the need to add water. Yet the volume of electrolyte above plates may eventually become depleted due to abnormal conditions such as high heat or improper regulator setting. Use a voltmeter to check the state of charge. See chart under "CHARGING TIPS" to determine if charging is necessary. **DO NOT OPEN FLUSH COVER BATTERIES! If opened, serious personal injury can result and warranty will be voided.**

## CHARGING TIPS

Follow safety precautions:

### Wear Proper Eye Protection!

- To avoid a battery explosion, never attempt to charge a frozen battery. Allow it to warm up to room temperature before placing on charge.
- **Warning:** Gel and AGM (Absorbed Glass Mat) batteries require a voltage-limited charger. Charging a Gel or AGM battery on a typical shop charger – even one time– may greatly shorten its life.
- **Important:** Never overcharge batteries. Excessive charging will shorten battery life.
- Prior to charging, read the manufacturer's instructions for proper charger hook-up and use.
- Turn charger off prior to hook-up to avoid dangerous sparks. **PROTECT YOUR EYES!**
- **Warning:** If the electrolyte is accessible, verify that plates are covered before beginning to charge. At the end of charge, add distilled water as needed to bring levels to the proper height. If water is added, charge for an additional 30 minutes to mix. If electrolyte levels are low, but battery is not accessible, remove battery from service.
- The maximum charge rate in amperes should be no more than 1/3 of the battery's reserve capacity minute rating. If the terminal voltage exceeds 16.0 volts while charging, reduce the charge rate.
- Continue charging and reduce the rate as needed until a two-hour period results in no increase in voltage or decrease in current.
- If violent gassing or spewing of electrolyte occurs, or the battery case feels hot to the touch, temporarily reduce or halt charging.

Voltage		State of Charge	Approx. Battery Charging Time <sup>(1)</sup> to Full Charge at 80°F/ 27°C			
Standard Battery			Maximum Rate At			
6 V	12 V		50 Amps	30 Amps	20 Amps	10 Amps
6.3	12.6	100%	— Full Charge —			
6.2	12.4	75%	20 min.	35 min.	48 min.	90 min.
6.1	12.2	50%	45 min.	75 min.	95 min.	180 min.
6.0	12.0	25%	65 min.	115 min.	145 min.	280 min.
5.9	11.8	0%	85 min.	150 min.	195 min.	370 min.

<sup>1</sup> Charging time depends upon battery capacity, condition, age, temperature and efficiency of charger.

# Battery Care and Maintenance

Always use oldest batteries first.

**REMEMBER...WET OR DRY, ALWAYS ROTATE YOUR STOCK!**

## Battery Storage Tips

Batteries should be stored in a cool, dry area in an upright position. Never stack batteries directly on top of each other unless they're in cartons. Do not stack more than 3 high (2 high if battery type is heavy commercial).

Test wet batteries every 4–6 months and recharge if necessary. Always test and charge if necessary before installation.

*(See "Charging Tips" sections.)*

## Sell Plenty of Power

Sell cranking amps...Not months of warranty!

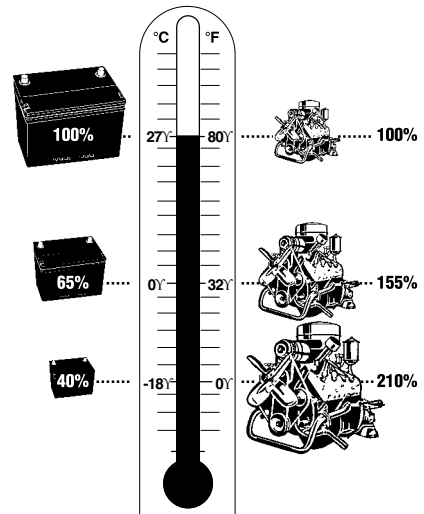
Always sell your customers a battery that has enough cranking power and reserve capacity to get the job done. Consider the vehicle manufacturer's recommended capacity to be a minimum-capacity guideline. A vehicle that has a lot of electrical accessories such as on-board computers, air conditioning, two way radios, etc. will need a more powerful battery for optimum performance.

Along with electrical accessories, temperature also has an effect on battery performance. Vehicles operated in extremely cold climates will need a battery rated well above the O.E. recommendation. Likewise, vehicles operated in hot climates will not need extremely high CCA ratings.

Point these facts out to your customers and sell up to the higher grade levels if necessary.

**Remember, you can't sell a battery with too much power in colder climates!**

Temperature has a dramatic effect on a battery's ability to crank an engine. Not only does cold rob batteries of power, it also stiffens motor oil making engines harder to start. And heat can damage batteries by causing internal components to wear out quickly while also making engines difficult to start.



# Battery Care and Maintenance

## JUMP STARTING

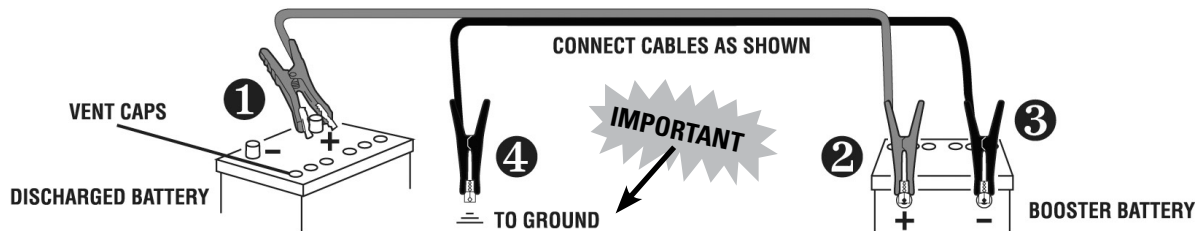
Refer to owner's manual for manufacturer's recommended procedure.

Shield eyes and face at all times...Never lean directly over battery when testing, jump starting or performing other maintenance.

Be sure vent caps are tight and level. Place a damp rag over the vent caps of both batteries. Be sure vehicles do not touch each other.

1. Connect one end of positive (+) booster cable to positive (+) terminal of **discharged battery**, wired to starter or solenoid.
2. Connect other end of positive (+) booster cable to positive (+) terminal of **booster battery**.
3. Connect one end of negative (-) booster cable to negative (-) terminal of **booster battery**, wired to ground.
4. Complete hook-up by connecting other end of negative (-) booster cable to engine block of stalled vehicle — **as far away from battery as possible...AWAY FROM MOVING FAN AND GAS LINES.**
5. Start both vehicles and remove cables in reverse order of connection. Discard the rags.

See diagram below for proper hookup.



### ***Jump Starting Diagram***

**PROTECT YOUR EYES!**

**IMPORTANT! Connect to a ground, away from battery...away from moving fan and gas lines.**

*\* Source: Battery Council International*



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# Cat Equipment

## Articulated Trucks

Sales Model	S/N Prefix	BCI	CCA	Part Number
725	AFX	31	950	9X-3404
725	AFX	31	1000	115-2422
725	AFX	4D	1400	153-5710
725	B1L	31	950	115-2422 & 9X-3404
725	B1L	31	950	9X-3404
725C	LFB	31	950	115-242 & 9X-3404
725C	TFB	31	950	9X-3404
725C	TFB	31	950	9X-3404
725C	TFB	31	1000	115-2422
725C	TFB	4D	1125	153-5700
725C 2	2L6	31	950	115-2422 & 9X-3404
725C 2	2T3	31	950	9X-3404
725C 2	2T3	31	950	9X-3404
725C 2	2T3	31	1000	115-2422
725C 2	2T3	4D	1125	153-5700
730	AGF	31	950	9X-3404
730	AGF	4D	1400	153-5710
730	B1M	31	950	115-2422 & 9X-3404
730	B1M	31	950	9X-3404
730	B1M	31	1000	115-2422
730 OEM	WWB	31	950	115-2422 & 9X-3404
730 OEM	WWB	31	950	9X-3404
730 OEM	WWB	31	950	9X-3404
730 OEM	WWB	31	1000	115-2422
730 OEM	WWB	4D	1400	153-5710
730C	LFF	31	950	115-2422 & 9X-3404
730C	TFF	31	950	9X-3404
730C	TFF	31	950	9X-3404
730C	TFF	31	1000	115-2422
730C	TFF	4D	1125	153-5700
730C 2	2L7	31	950	115-2422 & 9X-3404
730C 2	2L7	31	950	9X-3404
730C 2	2L7	31	1000	115-2422
730C 2	2T4	31	950	9X-3404
730C 2	2T4	4D	1125	153-5700
730C 2 EJ	2L8	31	950	115-2422 & 9X-3404
730C 2 EJ	2L8	31	950	9X-3404
730C 2 EJ	2L8	31	950	9X-3404
730C 2 EJ	2L8	31	1000	115-2422
730C 2 EJ	2T5	4D	1125	153-5700
730C EJ	LFH	31	950	115-2422 & 9X-3404
730C EJ	LFH	31	950	9X-3404
730C EJ	TFH	31	950	9X-3404
730C EJ	TFH	31	1000	115-2422
730C EJ	TFH	4D	1125	153-5700
730EJ	B1W	31	950	115-2422 & 9X-3404
730EJ	B1W	31	950	9X-3404
730EJ	B1W	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
730EJ	B1W	31	1000	115-2422
730EJ	B1W	4D	1400	153-5710
735	AWR	4D	1000	153-5700
735	AWR	4D	1000	9X-9721
735	AWR	4D	1125	153-5700
735	AWR	4D	1400	153-5710
735 OEM	WWC	4D	1000	153-5700
735 OEM	WWC	4D	1000	9X-9721
735 OEM	WWC	4D	1125	153-5700
735 OEM	WWC	4D	1400	153-5710
735B	L4D	4D	1125	153-5700
735B	L4D	4D	1400	153-5710
735C	LFJ	31	950	9X-3404
735C	LFJ	31	1000	115-2422
735C	LFJ	4D	1125	153-5700
735C	TFJ	31	950	115-2422 & 9X-3404
735C	TFJ	31	950	9X-3404
740	AXM	4D	1125	153-5700
740	AXM	4D	1400	153-5710
740	B1P	4D	1000	153-5700
740	B1P	4D	1000	9X-9721
740 OEM	WWD	4D	1000	153-5700
740 OEM	WWD	4D	1000	9X-9721
740 OEM	WWD	4D	1125	153-5700
740 OEM	WWD	4D	1400	153-5710
740B	L4E	4D	1125	153-5700
740B	L4E	4D	1400	153-5710
740B EJ	T4S	4D	1125	153-5700
740B EJ	T4S	4D	1400	153-5710
740B OEM	E4S	4D	1125	153-5700
740B OEM	GLH	4D	1400	153-5710
740C EJ	LFN	31	950	115-2422 & 9X-3404
740C EJ	LFN	31	950	9X-3404
740C EJ	TFN	31	950	9X-3404
740C EJ	TFN	31	1000	115-2422
740EJ	AZZ	4D	1000	153-5700
740EJ	B1R	4D	1125	153-5700
740EJ	B1R	4D	1400	153-5710
745C	TFK	31	950	115-2422 & 9X-3404
745C	TFK	31	950	9X-3404
745C	TFK	31	950	9X-3404
745C	TFK	31	1000	115-2422
745D	3F6	31	950	9X-3404
745D	3F6	31	950	9X-3404
745D	3T6	31	950	115-2422 & 9X-3404
745D	3T6	31	1000	115-2422
D20D	9MG	31	750	3T-5760
D250D	6NG	31	750	3T-5760

## Articulated Trucks (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
D250E	5TN	31	950	115-2422 & 9X-3404
D250E	5TN	31	950	9X-3404
D250E	5TN	31	950	9X-3404
D250E	5TN	31	1000	115-2422
D250E	5TN	4D	1000	153-5700
D250E	5TN	4D	1125	153-5700
D250E II	4PS	31	950	115-2422 & 9X-3404
D250E II	4PS	31	950	9X-3404
D250E II	4PS	31	950	9X-3404
D250E II	4PS	31	1000	115-2422
D250E II	4PS	4D	1000	153-5700
D250E II	4PS	4D	1125	153-5700
D25D	1HK	4D	1000	153-5700
D25D	1HK	4D	1000	9X-9721
D25D	1HK	4D	1125	153-5700
D300D	5MG	4D	1000	153-5700
D300D	5MG	4D	1125	153-5700
D300E	7FN	31	950	115-2422 & 9X-3404
D300E	7FN	31	950	9X-3404
D300E	7FN	31	950	9X-3404
D300E	7FN	31	1000	115-2422
D300E	7FN	4D	1000	153-5700
D300E	7FN	4D	1125	153-5700
D300E II	5KS	31	950	115-2422 & 9X-3404
D300E II	5KS	31	950	9X-3404
D300E II	5KS	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
D300E II	5KS	31	1000	115-2422
D300E II	5KS	4D	1000	153-5700
D300E II	5KS	4D	1125	153-5700
D30D	3AJ	4D	1000	153-5700
D30D	3AJ	4D	1000	9X-9721
D30D	3AJ	4D	1125	153-5700
D350D	9RF	4D	1000	153-5700
D350D	9RF	4D	1000	9X-9721
D350D	9RF	4D	1125	153-5700
D350E	9LR	4D	1000	153-5700
D350E	9LR	4D	1000	9X-9721
D350E	9LR	4D	1125	153-5700
D350E II	2XW	4D	1000	153-5700
D350E II	2XW	4D	1000	9X-9721
D350E II	2XW	4D	1125	153-5700
D350E II	2XW	4D	1400	153-5710
D400D	8TF	4D	1000	153-5700
D400D	8TF	4D	1000	9X-9721
D400D	8TF	4D	1125	153-5700
D400E	2YR	4D	1000	153-5700
D400E	2YR	4D	1000	9X-9721
D400E	2YR	4D	1125	153-5700
D400E II	8PS	4D	1000	153-5700
D400E II	8PS	4D	1000	9X-9721
D400E II	8PS	4D	1400	153-5710
D400E II	APF	4D	1125	153-5700

## Backhoe Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
414E IL	ELB	31	750	3T-5760
414E IL	ELB	65	880	00
414E IL	ELB	31	950	115-2422 & 9X-3404
414E IL	ELB	31	950	9X-3404
414E IL	ELB	31	950	9X-3404
414E IL	TMS	31	1000	115-2422
415F 2	PF4	65	880	230-6368
416D	CXP	31	750	3T-5760
416E	MFG	31	750	3T-5760
416E	MFG	31	950	115-2422 & 9X-3404
416E	MFG	31	950	9X-3404
416E	SHA	65	880	230-6368
416E	SHA	31	950	9X-3404
416E	SHA	31	1000	115-2422
416E OEM	NBE	65	880	230-6368
416E OEM	NBE	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
416E OEM	NBE	31	950	9X-3404
416E OEM	NBE	31	950	9X-3404
416E OEM	NBE	31	1000	115-2422
416E ST	MFG	65	880	230-6368
416E ST	MFG	31	950	115-2422 & 9X-3404
416E ST	MFG	31	950	9X-3404
416E ST	MFG	31	950	9X-3404
416E ST	MFG	31	1000	115-2422
416F 2	HWB	65	880	230-6368
416F ST	KSF	65	880	230-6368
420D	BKC	31	750	3T-5760
420D	BKC	65	880	230-6368
420D	MBH	31	950	115-2422 & 9X-3404
420D	MBH	31	950	9X-3404
420D	MBH	31	950	9X-3404
420D	MBH	31	1000	115-2422

# Cat Equipment

## Backhoe Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
420D IT	BMC	31	750	3T-5760
420D IT	BMC	65	880	230-6368
420D OEM	HLT	65	880	230-6368
420E	HLS	65	880	230-6368
420E	HLS	31	950	115-2422 & 9X-3404
420E	HLS	31	1000	115-2422
420E	KMW	31	750	3T-5760
420E	KMW	31	950	9X-3404
420E	KMW	31	950	9X-3404
420E PL	PHC	65	880	230-6368
420E PL	PHC	31	950	115-2422 & 9X-3404
420E PL	PHC	31	950	9X-3404
420E PL	PHC	31	950	9X-3404
420E PL	PHC	31	1000	115-2422
420E ST	PRA	65	880	230-6368
420E ST	PRA	31	950	115-2422 & 9X-3404
420E ST	PRA	31	950	9X-3404
420E ST	PRA	31	950	9X-3404
420E ST	PRA	31	1000	115-2422
420F	HST	65	880	230-6368
420F 2	HWC	65	880	230-6368
420F 2 IT	LYC	65	880	230-6368
420F 2 OEM	NMB	65	880	230-6368
420F IT	JWJ	65	880	230-6368
420F ST	SKR	65	880	230-6368
422E	DSK	31	750	3T-5760
422E	HBE	31	950	115-2422 & 9X-3404
422E	MAW	31	1000	115-2422
422F	LHB	65	880	230-6368
422F 2	LYF	65	880	230-6368
424D	RXA	31	750	3T-5760
424D	RXA	65	880	230-6368
426F 2	EJ4	65	880	230-6368
427F 2	HWK	65	880	230-6368
428D	DSX	65	880	230-6368
428D	MBM	31	750	3T-5760
428E	DPH	31	950	115-2422 & 9X-3404
428E	DPH	31	1000	115-2422
428E	DXC	31	750	3T-5760
428E	DXC	65	880	230-6368
428E	SNL	31	950	9X-3404
428E	SNL	31	950	9X-3404
428F	LBH	65	880	230-6368
428F 2	LYG	65	880	230-6368
430D	BNK	65	880	230-6368
430D	C9P	31	750	3T-5760
430D IT	BML	31	750	3T-5760
430D IT	BML	65	880	230-6368
430E	DDT	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
430E	DDT	65	880	230-6368
430E	DDT	31	950	9X-3404
430E	DDT	31	950	9X-3404
430E	DDT	31	1000	115-2422
430E	SWC	31	950	115-2422 & 9X-3404
430E IT	MXB	65	880	230-6368
430E IT	MXB	31	950	115-2422 & 9X-3404
430E IT	MXB	31	950	9X-3404
430E IT	MXB	31	950	9X-3404
430E IT	MXB	31	1000	115-2422
430E ST	SWC	65	880	230-6368
430E ST	SWC	31	950	115-2422 & 9X-3404
430E ST	SWC	31	950	9X-3404
430E ST	SWC	31	950	9X-3404
430E ST	SWC	31	1000	115-2422
430F 2	LYD	65	880	230-6368
430F 2 IT	HWG	65	880	230-6368
430F IT	RGS	65	880	230-6368
430F ST	RDF	65	880	230-6368
432D	S6H	31	750	3T-5760
432D	WEP	65	880	230-6368
432E	BXE	31	950	115-2422 & 9X-3404
432E	BXE	31	1000	115-2422
432E	JBA	31	750	3T-5760
432E	JBA	65	880	230-6368
432E	JBA	31	950	9X-3404
432E	JBA	31	950	9X-3404
432F	HRH	65	880	230-6368
432F 2	HWP	65	880	230-6368
434E	SEF	31	950	115-2422 & 9X-3404
434E	SJL	31	750	3T-5760
434E	SJL	31	950	9X-3404
434E	SJL	31	950	9X-3404
434E	SJL	31	1000	115-2422
434E	SXB	65	880	230-6368
434F	FLY	31	750	3T-5760
434F	FLY	31	950	115-2422 & 9X-3404
434F	FLY	31	950	9X-3404
434F	FLY	31	950	9X-3404
434F	FLY	31	1000	115-2422
434F	HPS	65	880	230-6368
434F 2	LYK	65	880	230-6368
436B	6MJ	31	750	3T-5760
442D	TBD	65	880	230-6368
442E	EME	31	750	3T-5760
442E	EME	31	950	9X-3404
442E	EME	31	1000	115-2422
442E	GKZ	31	950	9X-3404
444E	LBE	31	750	3T-5760

## Backhoe Loaders Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
444E	NBA	65	880	230-6368
444E	NBA	31	950	115-2422 & 9X-3404
444E	NBA	31	950	9X-3404
444E	NBA	31	950	9X-3404
444E	NBA	31	1000	115-2422
444F	FBN	31	750	3T-5760
444F	FBN	31	950	115-2422 & 9X-3404
444F	FBN	31	950	9X-3404
444F	FBN	31	950	9X-3404
444F	FBN	31	1000	115-2422
444F	JXR	65	880	230-6368
444F 2	LYL	65	880	230-6368
446B	5BL	31	750	3T-5760
446D	DBL	31	750	3T-5760
446D	DBL	65	880	230-6368
450	553	4D	1125	153-5700
450	8YW	4D	1000	153-5700
450	8YW	4D	1000	9X-9721
450E	LYR	31	950	115-2422 & 9X-3404
450E	LYR	31	950	9X-3404
450E	LYR	31	950	9X-3404
450E	LYR	31	1000	115-2422
450E	RBA	65	880	230-6368
450F	HJR	65	880	230-6368
460	654	4D	1000	153-5700
460	654	4D	1000	9X-9721
460	9FW	4D	1125	153-5700
465	3HZ	4D	1000	153-5700
465	3HZ	4D	1000	9X-9721
465	3HZ	4D	1125	153-5700
470	765	4D	1000	153-5700
470	765	4D	1125	153-5700
470	9TW	4D	1000	9X-9721
475	767	4D	1000	153-5700
475	767	4D	1000	9X-9721
475	767	4D	1125	153-5700
480	2BZ	4D	1000	9X-9721
480	2BZ	4D	1125	153-5700
480	866	4D	1000	153-5700
485	868	4D	1000	153-5700
485	868	4D	1000	9X-9721
485	868	4D	1125	153-5700
CH35	9DF	31	750	3T-5760
CH35	9DF	31	950	115-2422 & 9X-3404
CH35	9DF	31	950	9X-3404
CH35	9DF	31	950	9X-3404
CH35	9DF	31	1000	115-2422
CH35-CCE-N	3HS	31	950	115-2422 & 9X-3404
CH35-CCE-N	3HS	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
CH35-CCE-N	3HS	31	950	9X-3404
CH35-CCE-N	3HS	31	1000	115-2422
CH35-N	8RD	31	950	115-2422 & 9X-3404
CH35-N	8RD	31	950	9X-3404
CH35-N	8RD	31	950	9X-3404
CH35-N	8RD	31	1000	115-2422
CH35-W	ADK	31	950	115-2422 & 9X-3404
CH35-W	ADK	31	950	9X-3404
CH35-W	ADK	31	950	9X-3404
CH35-W	ADK	31	1000	115-2422
CH45	1DR	31	950	115-2422 & 9X-3404
CH45	1DR	31	950	9X-3404
CH45	1DR	31	950	9X-3404
CH45	1DR	31	1000	115-2422
CH45	4DZ	31	750	3T-5760
CH45-CCE-N	4KW	31	950	115-2422 & 9X-3404
CH45-CCE-N	4KW	31	950	9X-3404
CH45-CCE-N	4KW	31	950	9X-3404
CH45-CCE-N	4KW	31	1000	115-2422
CH45-N	ABF	31	950	115-2422 & 9X-3404
CH45-N	ABF	31	950	9X-3404
CH45-N	ABF	31	950	9X-3404
CH45-N	ABF	31	1000	115-2422
CH45-W	3BK	31	950	115-2422 & 9X-3404
CH45-W	3BK	31	950	9X-3404
CH45-W	3BK	31	950	9X-3404
CH45-W	3BK	31	1000	115-2422
CH55	3SM	31	950	115-2422 & 9X-3404
CH55	5DK	31	750	3T-5760
CH55	5DK	31	950	9X-3404
CH55	5DK	31	950	9X-3404
CH55	5DK	31	1000	115-2422
CH55-CCE-N	7TZ	31	950	115-2422 & 9X-3404
CH55-CCE-N	7TZ	31	950	9X-3404
CH55-CCE-N	7TZ	31	950	9X-3404
CH55-CCE-N	7TZ	31	1000	115-2422
CH55-N	6NN	31	950	115-2422 & 9X-3404
CH55-N	6NN	31	950	9X-3404
CH55-N	6NN	31	950	9X-3404
CH55-N	6NN	31	1000	115-2422
CH55-W	AEN	31	950	115-2422 & 9X-3404
CH55-W	AEN	31	950	9X-3404
CH55-W	AEN	31	950	9X-3404
CH55-W	AEN	31	1000	115-2422
CH65E	1GM	31	950	115-2422 & 9X-3404
CH65E	1GM	31	950	9X-3404
CH65E	1GM	31	950	9X-3404
CH65E	1GM	31	1000	115-2422
CH70C	2YL	31	750	3T-5760

# Cat Equipment

## Backhoe Loaders (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
CH70C	2YL	31	950	115-2422 & 9X-3404
CH70C	2YL	31	950	9X-3404
CH70C	2YL	31	950	9X-3404
CH70C	2YL	31	1000	115-2422
CH75E	1HM	31	950	115-2422 & 9X-3404
CH75E	1HM	31	950	9X-3404
CH75E	1HM	31	950	9X-3404
CH75E	1HM	31	1000	115-2422
CH85C	9TK	31	950	115-2422 & 9X-3404
CH85C	9TK	31	950	9X-3404
CH85C	9TK	31	950	9X-3404
CH85C	9TK	31	1000	115-2422
CH85D	4GR	31	950	115-2422 & 9X-3404
CH85D	4GR	31	950	9X-3404
CH85D	4GR	31	950	9X-3404
CH85D	4GR	31	1000	115-2422
CH85E	1NM	31	950	115-2422 & 9X-3404
CH85E	1NM	31	950	9X-3404
CH85E	1NM	31	950	9X-3404
CH85E	1NM	31	1000	115-2422
CH95E	1SM	31	950	115-2422 & 9X-3404
CH95E	1SM	31	950	9X-3404
CH95E	1SM	31	950	9X-3404
CH95E	1SM	31	1000	115-2422
DV87 MTS	9AM	31	950	115-2422 & 9X-3404
DV87 MTS	9AM	31	950	9X-3404
DV87 MTS	9AM	31	950	9X-3404
DV87 MTS	9AM	31	1000	115-2422
LEXION 460	665	4D	1000	153-5700
LEXION 460	665	4D	1000	9X-9721
LEXION 460	665	4D	1125	153-5700
MT735	AKN	31	950	115-2422 & 9X-3404
MT735	AKN	31	950	9X-3404
MT735	AKN	31	950	9X-3404
MT735	AKN	31	1000	115-2422
MT745	ALA	31	950	115-2422 & 9X-3404
MT745	ALA	31	950	9X-3404
MT745	ALA	31	950	9X-3404
MT745	ALA	31	1000	115-2422
MT755	ALM	31	950	115-2422 & 9X-3404
MT755	ALM	31	950	9X-3404
MT755	ALM	31	950	9X-3404
MT755	ALM	31	1000	115-2422
MT765	AMS	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
MT765	AMS	31	950	9X-3404
MT765	AMS	31	950	9X-3404
MT765	AMS	31	1000	115-2422
MT835	BAM	31	950	115-2422 & 9X-3404
MT835	BAM	31	950	9X-3404
MT835	BAM	31	950	9X-3404
MT835	BAM	31	1000	115-2422
MT845	BBP	31	950	115-2422 & 9X-3404
MT845	BBP	31	950	9X-3404
MT845	BBP	31	950	9X-3404
MT845	BBP	31	1000	115-2422
MT855	BCC	31	950	115-2422 & 9X-3404
MT855	BCC	31	950	9X-3404
MT855	BCC	31	950	9X-3404
MT855	BCC	31	1000	115-2422
MT865	BDS	31	950	115-2422 & 9X-3404
MT865	BDS	31	950	9X-3404
MT865	BDS	31	950	9X-3404
MT865	BDS	31	1000	115-2422
MTC735	812	31	950	115-2422 & 9X-3404
MTC735	812	31	950	9X-3404
MTC735	812	31	950	9X-3404
MTC735	812	31	1000	115-2422
MTC755	814	31	950	115-2422 & 9X-3404
MTC755	814	31	950	9X-3404
MTC755	814	31	950	9X-3404
MTC755	814	31	1000	115-2422
MTC765	815	31	950	115-2422 & 9X-3404
MTC765	815	31	950	9X-3404
MTC765	815	31	950	9X-3404
MTC765	815	31	1000	115-2422
MTC845	817	31	950	115-2422 & 9X-3404
MTC845	817	31	950	9X-3404
MTC845	817	31	950	9X-3404
MTC845	817	31	1000	115-2422
MTC855	818	31	950	115-2422 & 9X-3404
MTC855	818	31	950	9X-3404
MTC855	818	31	950	9X-3404
MTC855	818	31	1000	115-2422
MTC865	819	31	950	115-2422 & 9X-3404
MTC865	819	31	950	9X-3404
MTC865	819	31	950	9X-3404
MTC865	819	31	1000	115-2422

## Cat Work Tools

Sales Model	S/N Prefix	BCI	CCA	Part Number
QC - LOADER & IT	ELX	31	750	3T-5760
QC WEDGE LOCK	BBM	4D	1300	153-5710
SEARS	A2N	4D	1300	153-5710

## Compactors & Wheel Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
814	16Z	4D	1000	153-5700
814	16Z	4D	1000	9X-9721
814	16Z	4D	1125	153-5700
814F	BGF	31	950	115-2422 & 9X-3404
814F	BGF	31	950	9X-3404
814F	BGF	31	950	9X-3404
814F	BGF	31	1000	115-2422
814F	BGF	4D	1000	153-5700
814F	BGF	4D	1000	9X-9721
814F	BGF	4D	1125	153-5700
814F	BXG	4D	1400	153-5710
815	17Z	4D	1000	153-5700
815	17Z	4D	1000	9X-9721
815	17Z	4D	1125	153-5700
815F	2BS	4D	1300	153-5700
815F	2BS	4D	1400	153-5710
815F	BKL	31	950	115-2422 & 9X-3404
815F	BKL	31	950	9X-3404
815F	BKL	31	950	9X-3404
815F	BKL	31	1000	115-2422
815F	BKL	4D	1000	153-5700
815F	BKL	4D	1000	9X-9721
815F	BKL	4D	1125	153-5700
815F 2	BYN	4D	1400	153-5710
815K	MBB	31	950	9X-3404
815K	MBB	31	950	9X-3404
815K	MBB	31	1000	115-2422
815K	WCS	31	950	115-2422 & 9X-3404
816	15Z	4D	1000	153-5700
816	15Z	4D	1000	9X-9721
816	15Z	4D	1125	153-5700
816F	BMR	31	950	115-2422 & 9X-3404
816F	BMR	31	950	9X-3404
816F	BMR	31	950	9X-3404
816F	BMR	31	1000	115-2422
816F	BMR	4D	1000	153-5700
816F	BMR	4D	1000	9X-9721
816F	BMR	4D	1125	153-5700
816F	BZR	4D	1400	153-5710
816F	BZR	4D	1400	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
816K	WCL	31	950	115-2422 & 9X-3404
816K	WCL	31	950	9X-3404
816K	WCS	31	950	9X-3404
816K	WCS	31	1000	115-2422
824C	85X	31	750	3T-5760
824C	85X	4D	1000	153-5700
824C	85X	4D	1000	9X-9721
824C	85X	4D	1125	153-5700
824C	85X	4D	1300	153-5710
824C	85X	8D	1400	153-5720
824C	85X	8D	1400	153-5720
824C	85X	4D	1400	153-5710
824C	85X	8D	1500	153-5720
824G	4SN	31	750	3T-5760
824G II	AWW	31	750	3T-5760
824H	ASX	31	750	3T-5760
824H	ASX	31	950	115-2422 & 9X-3404
824H	ASX	31	950	9X-3404
824H	ASX	31	950	9X-3404
824H	ASX	31	1000	115-2422
824K	234	31	950	115-2422 & 9X-3404
824K	234	31	950	9X-3404
824K	234	31	1000	115-2422
824K	RWB	31	950	9X-3404
825C	86X	4D	1000	153-5700
825C	86X	4D	1000	9X-9721
825C	86X	4D	1125	153-5700
825C	86X	8D	1400	153-5720
825C	86X	8D	1400	153-5720
825C	86X	4D	1400	153-5710
825C	86X	8D	1500	153-5720
825G	6RN	31	750	3T-5760
825G	6RN	4D	1000	153-5700
825G	6RN	4D	1125	153-5700
825G II	AXB	31	750	3T-5760
825H	AZW	31	750	3T-5760
825H	AZW	31	950	115-2422 & 9X-3404
825G II	AXB	31	750	3T-5760
825H	AZW	31	750	3T-5760
825H	AZW	31	950	115-2421

# Cat Equipment

## Compactors & Wheel Dozers (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
825H	AZW	31	950	9X-3404
825H	AZW	31	950	9X-3404
825H	AZW	31	1000	115-2422
825K	233	31	950	115-2422 & 9X-3404
825K	233	31	950	9X-3404
825K	SEE	31	950	9X-3404
825K	SEE	31	1000	115-2422
826C	87X	31	950	115-2422 & 9X-3404
826C	87X	31	950	9X-3404
826C	87X	31	950	9X-3404
826C	87X	31	1000	115-2422
826C	87X	4D	1000	153-5700
826C	87X	4D	1000	9X-9721
826C	87X	4D	1125	153-5700
826C	87X	8D	1400	153-5720
826C	87X	8D	1400	153-5720
826C	87X	4D	1400	153-5710
826C	87X	8D	1500	153-5720
826G	7LN	31	750	3T-5760
826G	7LN	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
826G II	AYH	31	750	3T-5760
826H	AWF	31	750	3T-5760
826H	AWF	31	950	9X-3404
826H	AWF	31	950	9X-3404
826H	AWF	31	1000	115-2422
826K	SET	31	950	115-2422 & 9X-3404
826K	SET	31	950	9X-3404
826K	SET	31	950	9X-3404
826K	SET	31	1000	115-2422
836	3RL	31	750	3T-5760
836	3RL	4D	1000	153-5700
836	3RL	4D	1125	153-5700
836	3RL	8D	1400	153-5720
836	3RL	8D	1400	153-5720
836	3RL	8D	1500	153-5720
836G	7MZ	31	750	3T-5760
836H	BXD	31	950	115-2422 & 9X-3404
836H	BXD	31	1000	115-2422
836K	TWZ	31	950	9X-3404

## Compact Wheel Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
901B	W7B	25	625	250-0488
901B	W7B	24	650	153-5656
901C	W4T	24	650	153-5656
901C 2	YKY	24	650	153-5656
902B	W8C	25	625	250-0488
902B	W8C	24	650	153-5656
902C	W5T	24	650	153-5656
902C 2	YKT	24	650	153-5656
903B	W8D	25	625	250-0488
903B	W8D	24	650	153-5656
903C	W6T	24	650	153-5656
903C 2	MW8	24	650	153-5656
904B	B4L	31	750	3T-5760
904B	B4L	31	950	115-2422 & 9X-3404
904B	B4L	31	950	9X-3404
904B	B4L	31	950	9X-3404
904B	B4L	31	1000	115-2422
904H	H4T	24	650	153-5656
904H	H4T	65	880	230-6368
906	MER	31	750	3T-5760
906	MER	31	950	115-2422 & 9X-3404
906	MER	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
906	MER	31	950	9X-3404
906	MER	31	1000	115-2422
906H	TPE	65	880	230-6368
906H 2	JRF	65	880	230-6368
906K	L66	65	880	230-6368
906M	H66	65	880	230-6368
907H	SJM	65	880	230-6368
907H 2	JRS	65	880	230-6368
907K	L77	65	880	230-6368
907M	H77	65	880	230-6368
908	TAR	31	750	3T-5760
908	TAR	31	950	115-2422 & 9X-3404
908	TAR	31	950	9X-3404
908	TAR	31	950	9X-3404
908	TAR	31	1000	115-2422
908H	LMD	65	880	230-6368
908H 2	JRD	65	880	230-6368
908H 2 OEM	BP7	65	880	230-6368
908H OEM	L5T	65	880	230-6368
908K	L88	65	880	230-6368
908M	Z88	65	880	230-6368
908M OEM	L23	65	880	230-6368



## Compact Wheel Loaders (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
910G II	B9X	31	750	3T-5760
910K	AY4	31	950	115-2422 & 9X-3404
910K	AY4	31	950	9X-3404
910K	AY4	31	950	9X-3404
910K	AY4	31	1000	115-2422
910K	L22	65	880	230-6368
910M (T4F HRC)	H22	65	880	230-6368
914G	PDF	31	950	115-2422 & 9X-3404
914G	PDF	31	950	9X-3404
914G	PDF	31	950	9X-3404
914G	PDF	31	1000	115-2422
914G 2	KNP	31	950	115-2422 & 9X-3404
914G 2	KNP	31	950	9X-3404
914G 2	KNP	31	950	9X-3404
914G 2	KNP	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
914K	CD2	31	950	115-2422 & 9X-3404
914K	CD2	31	950	9X-3404
914K	CD2	31	950	9X-3404
914K	CD2	31	1000	115-2422
914K	L24	65	880	230-6368
914M (T4F HRC)	H24	65	880	230-6368
918F	5DL	31	750	3T-5760
918F	5DL	31	1000	115-2422
918F	5DL	4D	1000	153-5700
918M (T4F HRC)	H26	65	880	230-6368
IT14G	ERP	31	950	115-2422 & 9X-3404
IT14G	ERP	31	950	9X-3404
IT14G	ERP	31	950	9X-3404
IT14G	ERP	31	1000	115-2422

## Forest Machines

Sales Model	S/N Prefix	BCI	CCA	Part Number
1090	BZJ	31	950	115-2422 & 9X-3404
1090	BZJ	31	950	9X-3404
1090	BZJ	31	950	9X-3404
1090	BZJ	31	1000	115-2422
1190	BZK	31	950	115-2422 & 9X-3404
1190	BZK	31	950	9X-3404
1190	BZK	31	950	9X-3404
1190	BZK	31	1000	115-2422
1190T	BZL	31	950	115-2422 & 9X-3404
1190T	BZL	31	950	9X-3404
1190T	BZL	31	950	9X-3404
1190T	BZL	31	1000	115-2422
1290T	BZM	31	950	115-2422 & 9X-3404
1290T	BZM	31	950	9X-3404
1290T	BZM	31	950	9X-3404
1290T	BZM	31	1000	115-2422
1390	B3F	4D	1125	153-5700
1390	B3F	4D	1400	153-5710
2384C	KB6	31	950	115-2422 & 9X-3404
2384C	KB6	31	950	9X-3404
2384C	KB6	31	950	9X-3404
2384C	KB6	31	1000	115-2422
2390	P3H	31	950	115-2422 & 9X-3404
2390	P3H	31	950	9X-3404
2390	P3H	31	950	9X-3404
2390	P3H	31	1000	115-2422
2470C	W47	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
2470C	W47	31	950	9X-3404
2470C	W47	31	950	9X-3404
2470C	W47	31	1000	115-2422
2484C	KAZ	31	950	9X-3404
2484C	KAZ	31	950	9X-3404
2484C	KAZ	31	1000	115-2422
2484C	KB7	31	950	115-2422 & 9X-3404
2491	P5J	31	950	115-2422 & 9X-3404
2491	P5J	31	950	9X-3404
2491	P5J	31	950	9X-3404
2491	P5J	31	1000	115-2422
2570C	F1B	31	950	115-2422 & 9X-3404
2570C	F1B	31	950	9X-3404
2570C	F1B	31	950	9X-3404
2570C	F1B	31	1000	115-2422
2570D	D25	31	950	115-2422 & 9X-3404
2570D	D25	31	950	9X-3404
2570D	D25	31	950	9X-3404
2570D	D25	31	1000	115-2422
2670C	B3E	31	950	115-2422 & 9X-3404
2670C	B3E	31	950	9X-3404
2670C	B3E	31	950	9X-3404
2670C	B3E	31	1000	115-2422
2670D	D26	31	950	115-2422 & 9X-3404
2670D	D26	31	950	9X-3404
2670D	D26	31	950	9X-3404
2670D	D26	31	1000	115-2422

# Cat Equipment

## Forest Machines (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
2864C	SP4	31	950	115-2422 & 9X-3404
2864C	SP4	31	950	9X-3404
2864C	SP4	31	950	9X-3404
2864C	SP4	31	1000	115-2422
320D FM	BW2	31	950	9X-3404
320D FM	BW2	31	1000	115-2422
320D FM	CY2	31	950	115-2422 & 9X-3404
320D FM	CY2	31	950	9X-3404
322C FM HW	C3R	31	750	3T-5760
322C FM LGP	SLX	31	750	3T-5760
322C FM ST	M2H	31	750	3T-5760
324D FM	JKR	31	750	3T-5760
324D FM	JKR	31	950	115-2422 & 9X-3404
324D FM	JKR	31	950	9X-3404
324D FM	JKR	31	950	9X-3404
324D FM	JKR	31	1000	115-2422
325C FM HW	Y4P	31	750	3T-5760
325C FM ST	G1L	31	750	3T-5760
330C FM HW	B2L	31	750	3T-5760
330C FM ST	B3M	31	750	3T-5760
345C FM HEEL	A3L	31	750	3T-5760
511	511	31	950	115-2422 & 9X-3404
511	511	31	950	9X-3404
511	511	31	950	9X-3404
511	511	31	1000	115-2422
518C	1CL	31	750	3T-5760
518C	1CL	31	950	115-2422 & 9X-3404
518C	1CL	2	780	8C-3629
518C	9HJ	2	780	8C-3629
518C	9HJ	2	780	8C-3629
518C	9HJ	2	780	8C-3629
521	521	31	950	115-2422 & 9X-3404
521	521	31	950	9X-3404
521	521	31	950	9X-3404
521	521	31	1000	115-2422
521B	F7B	31	950	115-2422 & 9X-3404
521B	F7B	31	950	9X-3404
521B	F7B	31	950	9X-3404
521B	F7B	31	1000	115-2422
522	522	31	950	115-2422 & 9X-3404
522	522	31	950	9X-3404
522	522	31	950	9X-3404
522	522	31	1000	115-2422
522B	F7C	31	950	115-2422 & 9X-3404
522B	F7C	31	950	9X-3404
522B	F7C	31	950	9X-3404
522B	F7C	31	1000	115-2422
525B	3KZ	31	750	3T-5760
525B	3KZ	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
525B	3KZ	31	950	9X-3404
525B	3KZ	31	950	9X-3404
525B	3KZ	31	1000	115-2422
525C	525	31	950	115-2422 & 9X-3404
525C	525	31	950	9X-3404
525C	525	31	950	9X-3404
525C	525	31	1000	115-2422
525C OEM	M3B	31	950	115-2422 & 9X-3404
525C OEM	M3B	31	950	9X-3404
525C OEM	M3B	31	950	9X-3404
525C OEM	M3B	31	1000	115-2422
525D	2L5	31	1000	115-2422
525D	GKP	31	950	115-2422 & 9X-3404
525D	GKP	31	950	9X-3404
525D	GKP	31	950	9X-3404
525D	GKP	31	950	9X-3404
527	JSR	4D	1000	153-5700
527	JSR	4D	1125	153-5700
527	PTR	31	750	3T-5760
527	PTR	4D	1000	9X-9721
527	PTR	4D	1400	153-5710
528B	8SJ	31	750	3T-5760
528B	8SJ	4D	1300	153-5710
530B	5BK	31	750	3T-5760
530B	5BK	4D	1300	153-5710
532	532	31	950	115-2422 & 9X-3404
532	532	31	950	9X-3404
532	532	31	950	9X-3404
532	532	31	1000	115-2422
533	CDR	31	950	115-2422 & 9X-3404
533	CDR	31	950	9X-3404
533	CDR	31	950	9X-3404
533	CDR	31	1000	115-2422
535B	AAE	31	750	3T-5760
535B	AAE	31	950	115-2422 & 9X-3404
535B	AAE	31	950	9X-3404
535B	AAE	31	950	9X-3404
535B	AAE	31	1000	115-2422
535C	535	31	950	115-2422 & 9X-3404
535C	535	31	950	9X-3404
535C	535	31	950	9X-3404
535C	535	31	1000	115-2422
535D	3L5	31	950	115-2422 & 9X-3404
535D	3L5	31	950	9X-3404
535D	3L5	31	1000	115-2422
535D	MTP	31	950	9X-3404
538 GF	GMY	31	950	115-2422 & 9X-3404
538 GF	GMY	31	950	9X-3404
538 GF	GMY	31	950	115-2421
538 GF	GMY	31	950	9X-3404

## Forest Machines (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
539	1PZ	31	750	3T-5760
539	1PZ	31	950	115-2422 & 9X-3404
539	1PZ	31	950	9X-3404
539	1PZ	31	950	9X-3404
539	1PZ	31	1000	115-2422
541	541	4D	1125	153-5700
541	541	4D	1400	153-5710
541 SERIES 2	F7D	4D	1125	153-5700
541 SERIES 2	F7D	4D	1400	153-5710
543	ASJ	31	950	115-2422 & 9X-3404
543	ASJ	31	950	9X-3404
543	ASJ	31	950	9X-3404
543	ASJ	31	1000	115-2422
545	2FZ	31	750	3T-5760
545	2FZ	31	950	115-2422 & 9X-3404
545	2FZ	31	950	9X-3404
545	2FZ	31	950	9X-3404
545	2FZ	31	1000	115-2422
545C	545	31	950	115-2422 & 9X-3404
545C	545	31	950	9X-3404
545C	545	31	950	9X-3404
545C	545	31	1000	115-2422
545C OEM	M5M	31	950	115-2422 & 9X-3404
545C OEM	M5M	31	950	9X-3404
545C OEM	M5M	31	950	9X-3404
545C OEM	M5M	31	1000	115-2422
545D	4L5	31	950	9X-3404
545D	KGP	31	950	115-2422 & 9X-3404
545D	KGP	31	950	9X-3404
545D	KGP	31	1000	115-2422
550B	SAW	31	950	115-2422 & 9X-3404
550B	SAW	31	950	9X-3404
550B	SAW	31	950	9X-3404
550B	SAW	31	1000	115-2422
552	552	4D	1125	153-5700
552	552	4D	1400	153-5710
552 SERIES 2	F7G	4D	1125	153-5700
552 SERIES 2	F7G	4D	1400	153-5710
553C	W53	31	950	115-2422 & 9X-3404
553C	W53	31	950	9X-3404
553C	W53	31	950	9X-3404
553C	W53	31	1000	115-2422
555D	5L5	31	950	9X-3404
555D	PGY	31	950	115-2422 & 9X-3404
555D	PGY	31	950	9X-3404
555D	PGY	31	1000	115-2422
558 LL	LRT	31	950	115-2422 & 9X-3404
558 LL	LRT	31	950	9X-3404
558 LL	LRT	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
559C	KB4	31	950	115-2422 & 9X-3404
559C	KB4	31	950	9X-3404
559C	KB4	31	950	9X-3404
559C	KB4	31	1000	115-2422
560B	TRA	31	950	115-2422 & 9X-3404
560B	TRA	31	950	9X-3404
560B	TRA	31	950	9X-3404
560B	TRA	31	1000	115-2422
563C	W63	31	950	115-2422 & 9X-3404
563C	W63	31	950	9X-3404
563C	W63	31	950	9X-3404
563C	W63	31	1000	115-2422
563D	D63	31	950	115-2422 & 9X-3404
563D	D63	31	950	9X-3404
563D	D63	31	950	9X-3404
563D	D63	31	1000	115-2422
568 GF	YJX	31	950	115-2422 & 9X-3404
568 LL	BRB	31	950	115-2422 & 9X-3404
568 LL	BRB	31	950	9X-3404
570B	CKG	31	950	115-2422 & 9X-3404
570B	CKG	31	950	9X-3404
570B	CKG	31	950	9X-3404
570B	CKG	31	1000	115-2422
573C	RJT	31	950	115-2422 & 9X-3404
573C	RJT	31	950	9X-3404
573C	RJT	31	950	9X-3404
573C	RJT	31	1000	115-2422
573D	D73	31	950	115-2422 & 9X-3404
573D	D73	31	950	9X-3404
573D	D73	31	950	9X-3404
573D	D73	31	1000	115-2422
574B	CZZ	31	950	115-2422 & 9X-3404
574B	CZZ	31	950	9X-3404
574B	CZZ	31	950	9X-3404
579C	KAX	31	1000	115-2422
579C	KB5	31	950	115-2422 & 9X-3404
579C	KB5	31	950	9X-3404
579C	KB5	31	950	9X-3404
580B	CLT	31	950	115-2422 & 9X-3404
580B	CLT	31	950	9X-3404
580B	CLT	31	950	9X-3404
580B	CLT	31	1000	115-2422
584	109	8D	1500	153-5720
586C	SP5	31	950	115-2422 & 9X-3404
586C	SP5	31	950	9X-3404
586C	SP5	31	950	9X-3404
586C	SP5	31	1000	115-2422
HA870	HAE	31	950	115-2422 & 9X-3404
HA870	HAE	31	950	9X-3404

# Cat Equipment

## Forest Machines (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
HA870	HAE	31	950	9X-3404
HA870	HAE	31	1000	115-2422
HA871	HAG	31	950	115-2422 & 9X-3404
HA871	HAG	31	950	9X-3404
HA871	HAG	31	950	9X-3404
HA871	HAG	31	1000	115-2422
TK1051	9HZ	4D	1125	153-5700
TK370	WBD	31	950	115-2422 & 9X-3404
TK370	WBD	31	950	9X-3404
TK370	WBD	31	950	9X-3404
TK370	WBD	31	1000	115-2422
TK371	WBG	31	950	115-2422 & 9X-3404
TK371	WBG	31	950	9X-3404
TK371	WBG	31	950	9X-3404
TK371	WBG	31	1000	115-2422
TK380	WBE	31	950	115-2422 & 9X-3404
TK380	WBE	31	950	9X-3404
TK380	WBE	31	950	9X-3404
TK380	WBE	31	1000	115-2422
TK381	WBH	31	950	115-2422 & 9X-3404
TK381	WBH	31	950	9X-3404
TK381	WBH	31	950	9X-3404
TK381	WBH	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
TK711	101	31	950	115-2422 & 9X-3404
TK711	101	31	950	9X-3404
TK711	101	31	950	9X-3404
TK711	101	31	1000	115-2422
TK721	102	31	950	115-2422 & 9X-3404
TK721	102	31	950	9X-3404
TK721	102	31	950	9X-3404
TK721	102	31	1000	115-2422
TK722	103	31	950	115-2422 & 9X-3404
TK722	103	31	950	9X-3404
TK722	103	31	950	9X-3404
TK722	103	31	1000	115-2422
TK732	104	31	950	115-2422 & 9X-3404
TK732	104	31	950	9X-3404
TK732	104	31	950	9X-3404
TK732	104	31	1000	115-2422
TK741	202	4D	1125	153-5700
TK741	202	4D	1400	153-5710
TK751	301	4D	1125	153-5700
TK751	301	4D	1400	153-5710
TK752	302	4D	1125	153-5700
TK752	302	4D	1400	153-5710

## Hydraulic Track Drills

Sales Model	S/N Prefix	BCI	CCA	Part Number
MD5050	DR8	4D	1400	153-5710
MD5050T	DR9	4D	1400	153-5710
MD5075	SER	4D	1400	153-5710
MD5075C	SXR	4D	1400	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
MD5090	SEW	4D	1400	153-5710
MD5125	SEZ	4D	1400	153-5710

## Large Mining Excavators

Sales Model	S/N Prefix	BCI	CCA	Part Number
5110B	AAK	4D	1300	153-5710
5110B	AAK	4D	1400	153-5710
5130B	4CS	4D	1300	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
5130B	4CS	4D	1400	153-5710
5230	7LL	31	750	3T-5760
5230B	4HZ	31	750	3T-5760

## Large Mining Trucks

Sales Model	S/N Prefix	BCI	CCA	Part Number
784B	5RK	31	750	3T-5760
784B	5RK	31	950	115-2422 & 9X-3404
784B	5RK	31	950	9X-3404
784B	5RK	31	950	9X-3404
784B	5RK	31	1000	115-2422
784B	5RK	8D	1400	153-5720
784B	5RK	8D	1400	153-5720
784B	5RK	8D	1400	153-5720
784B	5RK	8D	1500	153-5720
784C	2PZ	31	750	3T-5760
784C	2PZ	31	950	115-2422 & 9X-3404
784C	2PZ	31	950	9X-3404
784C	2PZ	31	950	9X-3404
784C	2PZ	31	1000	115-2422
784C	2PZ	8D	1400	153-5720
784C	2PZ	8D	1400	153-5720
784C	2PZ	8D	1400	153-5720
784C	2PZ	8D	1500	153-5720
785B	6HK	31	750	3T-5760
785B	6HK	31	950	115-2422 & 9X-3404
785B	6HK	31	950	9X-3404
785B	6HK	31	950	9X-3404
785B	6HK	31	1000	115-2422
785B	6HK	8D	1150	152-7242
785B	6HK	8D	1400	153-5720
785B	6HK	8D	1400	153-5720
785B	6HK	8D	1400	153-5720
785B	6HK	8D	1500	153-5720
785C	1HW	31	750	3T-5760
785C	1HW	8D	1400	153-5720
785C	1HW	8D	1400	153-5720
785C	APX	31	950	115-2422 & 9X-3404
785C	APX	31	950	9X-3404
785C	APX	31	950	9X-3404
785C	APX	31	1000	115-2422
785C	APX	8D	1400	153-5720
785C	APX	8D	1500	153-5720
785C HA	5AZ	31	750	3T-5760
785C HA	5AZ	31	950	115-2422 & 9X-3404
785C HA	5AZ	31	950	9X-3404
785C HA	5AZ	31	950	9X-3404
785C HA	5AZ	31	1000	115-2422
785C HA	5AZ	8D	1400	153-5720
785C HA	5AZ	8D	1400	153-5720
785C HA	5AZ	8D	1400	153-5720
785C HA	5AZ	8D	1500	153-5720
785D	MSY	31	950	115-2422 & 9X-3404
785D	MSY	31	950	115-2421
558 LL	LRT	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
785D	MSY	31	950	9X-3404
785D	MSY	31	950	9X-3404
785D	MSY	31	1000	115-2422
785D	MSY	8D	1400	153-5720
785D	MSY	8D	1500	153-5720
785D OEM	DMC	31	950	115-2422 & 9X-3404
785D OEM	DMC	31	950	9X-3404
785D OEM	DMC	31	950	9X-3404
785D OEM	DMC	31	1000	115-2422
785D OEM	DMC	8D	1400	153-5720
785D OEM	DMC	8D	1500	153-5720
785G	RTL	8D	1500	153-5720
789B	7EK	31	750	3T-5760
789B	7EK	31	950	115-2422 & 9X-3404
789B	7EK	31	950	9X-3404
789B	7EK	31	950	9X-3404
789B	7EK	31	1000	115-2422
789B	7EK	8D	1400	153-5720
789B	7EK	8D	1400	153-5720
789B	7EK	8D	1400	153-5720
789B	7EK	8D	1500	153-5720
789C	2BW	31	950	115-2422 & 9X-3404
789C	2BW	31	950	9X-3404
789C	2BW	31	950	9X-3404
789C	2BW	31	1000	115-2422
789C	2BW	8D	1400	153-5720
789C	2BW	8D	1500	153-5720
789D	SPD	8D	1500	153-5720
789D XQ	SHH	8D	1500	153-5720
793C	4AR	8D	1150	152-7242
793C	4AR	8D	1400	153-5720
793C	ATY	31	750	3T-5760
793C	ATY	31	950	115-2422 & 9X-3404
793C	ATY	31	950	9X-3404
793C	ATY	31	1000	115-2422
793C	ATY	8D	1500	153-5720
793C	CBR	31	950	9X-3404
793C	CBR	8D	1400	153-5720
793D	FDB	31	750	3T-5760
793D	FDB	31	950	115-2422 & 9X-3404
793D	FDB	31	950	9X-3404
793D	FDB	31	950	9X-3404
793D	FDB	31	1000	115-2422
793D	FDB	8D	1400	153-5720
793D	FDB	8D	1500	153-5720
793F	D3T	31	950	115-2422 & 9X-3404
793F	D3T	31	950	9X-3404
793F	D3T	31	950	9X-3404
HA870	HAE	31	950	9X-3404

# Cat Equipment

## Large Mining Trucks (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
793F	D3T	31	950	9X-3404
793F	D3T	31	1000	115-2422
793F	D3T	8D	1500	153-5720
793F AC	EMD	31	950	115-2422 & 9X-3404
793F AC	EMD	31	950	9X-3404
793F AC	EMD	31	950	9X-3404
793F AC	EMD	31	1000	115-2422
793F AC	EMD	8D	1500	153-5720
793F CMD	RBT	8D	1500	153-5720
793F OEM	SXP	31	950	115-2422 & 9X-3404
793F OEM	SXP	31	950	9X-3404
793F OEM	SXP	31	950	9X-3404
793F OEM	SXP	31	1000	115-2422
793F OEM	SXP	8D	1500	153-5720
793F XQ	SND	8D	1500	153-5720

Sales Model	S/N Prefix	BCI	CCA	Part Number
795F AC	ERM	8D	1500	153-5720
795F XQ	SNT	8D	1500	153-5720
797	5YW	31	950	115-2422 & 9X-3404
797	5YW	31	950	9X-3404
797	5YW	31	950	9X-3404
797	5YW	31	1000	115-2422
797	5YW	8D	1400	153-5720
797	5YW	8D	1500	153-5720
797B	JSM	31	950	115-2422 & 9X-3404
797B	JSM	31	950	9X-3404
797B	JSM	31	950	9X-3404
797B	JSM	31	1000	115-2422
797B	JSM	8D	1400	153-5720
797B	JSM	8D	1500	153-5720
797F XQ	WSP	8D	1500	153-5720

## Large Hydraulic Excavators

Sales Model	S/N Prefix	BCI	CCA	Part Number
330C OEM	MSD	31	750	3T-5760
330D L	JLP	31	950	9X-3404
330D L OEM	H3D	31	750	3T-5760
330D L OEM	H3D	31	950	115-2422 & 9X-3404
330D L OEM	H3D	31	950	9X-3404
330D L OEM	H3D	31	950	9X-3404
330D L OEM	H3D	31	1000	115-2422
330D LN OEM	GMN	31	750	3T-5760
330D LN OEM	GMN	31	950	115-2422 & 9X-3404
330D LN OEM	GMN	31	950	9X-3404
330D LN OEM	GMN	31	950	9X-3404
330D LN OEM	GMN	31	1000	115-2422
330D OEM	H3D	31	750	3T-5760
330D OEM	H3D	31	950	115-2422 & 9X-3404
330D OEM	H3D	31	950	9X-3404
330D OEM	H3D	31	950	9X-3404
330D OEM	H3D	31	1000	115-2422
336D	PGW	31	950	115-2422 & 9X-3404
336D LN OEM	L5K	31	750	3T-5760
336D LN OEM	L5K	31	950	115-2422 & 9X-3404
336D LN OEM	L5K	31	950	9X-3404
336D LN OEM	L5K	31	950	9X-3404
336D LN OEM	L5K	31	1000	115-2422
336D 2	EFT	31	950	115-2422 & 9X-3404
336D 2	FAJ	31	750	3T-5760
336D 2	FAJ	31	950	9X-3404
336D 2	WDC	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
336D 2 OEM	SM3	31	950	115-2422 & 9X-3404
336D 2 OEM	SM3	31	950	9X-3404
336D 2 OEM	SM3	31	950	9X-3404
336D 2 OEM	SM3	31	1000	115-2422
336D 2GC	FBT	31	950	9X-3404
336D 2GC	NBN	31	950	115-2422 & 9X-3404
336D 2GC	NBN	31	950	9X-3404
336D 2GC	NBN	31	1000	115-2422
336D 2GC OEM	MGE	31	950	115-2422 & 9X-3404
336D 2GC OEM	MGE	31	950	9X-3404
336D 2GC OEM	MGE	31	950	9X-3404
336D 2GC OEM	MGE	31	1000	115-2422
336D 2H	MFA	31	750	3T-5760
336D 2H	MFA	31	950	115-2422 & 9X-3404
336D 2H	MFA	31	950	9X-3404
336D 2H	MFA	31	950	9X-3404
336D 2H	MFA	31	1000	115-2422
336D 2L	ELR	31	1000	115-2422
336D 2L	MBP	31	950	115-2422 & 9X-3404
336D 2L	ZCT	31	750	3T-5760
336D 2L	ZCT	31	950	9X-3404
336D 2LH	NAH	31	750	3T-5760
336D 2LH	NAH	31	950	115-2422 & 9X-3404
336D 2LH	NAH	31	950	9X-3404
336D 2LH	NAH	31	950	9X-3404
336D 2LH	NAH	31	1000	115-2422
336D 2LOEM	GGH	31	950	115-2422 & 9X-3404

## Large Hydraulic Excavators (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
336D 2LOEM	GGH	31	950	9X-3404
336D 2LOEM	GGH	31	1000	115-2422
336D 2LOEM	HBZ	31	750	3T-5760
336D 2LOEM	HBZ	31	950	9X-3404
336D 2XE	LBX	31	750	3T-5760
336D 2XE	LBX	31	950	115-2422 & 9X-3404
336D 2XE	LBX	31	950	9X-3404
336D 2XE	LBX	31	950	9X-3404
336D 2XE	LBX	31	1000	115-2422
336D L	J2F	31	750	3T-5760
336D L	LMG	31	950	9X-3404
336D L	PRF	31	950	9X-3404
336D L OEM	JRX	31	750	3T-5760
336D L OEM	JRX	31	950	115-2422 & 9X-3404
336D L OEM	JRX	31	950	9X-3404
336D L OEM	JRX	31	950	9X-3404
336D L OEM	JRX	31	1000	115-2422
336D L SB OEM	NBZ	31	950	115-2422 & 9X-3404
336D L SB OEM	NBZ	31	950	9X-3404
336D L SB OEM	NBZ	31	950	9X-3404
336D L SB OEM	NBZ	31	1000	115-2422
336D LN	MYG	31	950	115-2422 & 9X-3404
336D LN	MYG	31	950	9X-3404
336D LN	MYG	31	950	9X-3404
336D LN	MYG	31	1000	115-2422
336E H	HDW	31	950	115-2422 & 9X-3404
336E H	HDW	31	950	9X-3404
336E H	HDW	31	950	9X-3404
336E H	HDW	31	1000	115-2422
336E L	BMH	31	950	9X-3404
336E L	DPX	31	1000	115-2422
336E L	YEP	31	950	115-2422 & 9X-3404
336E L H	JEA	31	950	115-2422 & 9X-3404
336E L H	JEA	31	950	9X-3404
336E L H	JEA	31	950	9X-3404
336E L H	JEA	31	1000	115-2422
336E LOEM	G42	31	950	9X-3404
336E LOEM	T3Z	31	950	115-2422 & 9X-3404
336E LOEM	T3Z	31	950	9X-3404
336E LOEM	T3Z	31	1000	115-2422
336E LN H	SSL	31	950	115-2422 & 9X-3404
336E LN H	SSL	31	950	9X-3404
336E LN H	SSL	31	950	9X-3404
336E LN H	SSL	31	1000	115-2422
336E OEM	T3Z	31	950	115-2422 & 9X-3404
336E OEM	T3Z	31	950	9X-3404
336E OEM	T3Z	31	950	9X-3404
336E OEM	T3Z	31	1000	115-2422
336F	NBL	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
336F	YFD	31	950	115-2422 & 9X-3404
336F	YFD	31	950	9X-3404
336F	YFD	31	1000	115-2422
336F H	NAJ	31	950	115-2422 & 9X-3404
336F H	NAJ	31	950	9X-3404
336F H	NAJ	31	950	9X-3404
336F H	NAJ	31	1000	115-2422
336F L	SSN	31	950	9X-3404
336F L	TJE	31	950	9X-3404
336F L	WTZ	31	950	115-2422 & 9X-3404
336F L	WTZ	31	1000	115-2422
336F L H	LTP	31	950	9X-3404
336F L H	LTP	31	1000	115-2422
336F L H	PFL	31	950	115-2422 & 9X-3404
336F L H	PFL	31	950	9X-3404
336F L OEM	B39	31	950	115-2422 & 9X-3404
336F L OEM	B39	31	950	9X-3404
336F L OEM	B39	31	950	9X-3404
336F L OEM	B39	31	1000	115-2422
336F LN	DKF	31	950	115-2422 & 9X-3404
336F LN	DKF	31	950	9X-3404
336F LN	LJY	31	950	9X-3404
336F LN	LJY	31	1000	115-2422
336F LN H	MTW	31	950	115-2422 & 9X-3404
336F LN H	MTW	31	950	9X-3404
336F LN H	MTW	31	950	9X-3404
336F LN H	MTW	31	1000	115-2422
336F LN XE	YBH	31	950	115-2422 & 9X-3404
336F LN XE	YBH	31	950	9X-3404
336F LN XE	YBH	31	950	9X-3404
336F LN XE	YBH	31	1000	115-2422
336F LXE	DFY	31	950	115-2422 & 9X-3404
336F LXE	DFY	31	950	9X-3404
336F LXE	DFY	31	950	9X-3404
336F LXE	DFY	31	1000	115-2422
336F OEM	B34	31	950	115-2422 & 9X-3404
336F OEM	B34	31	950	9X-3404
336F OEM	B34	31	950	9X-3404
336F OEM	B34	31	1000	115-2422
340D 2L	HHK	31	950	115-2422 & 9X-3404
340D 2L	HHK	31	950	9X-3404
340D 2L	JEE	31	1000	115-2422
340D L	JTN	31	750	3T-5760
340D L	JTN	31	950	115-2422 & 9X-3404
340D L	JTN	31	950	9X-3404
340D L	JTN	31	950	9X-3404
340D L	JTN	31	1000	115-2422
340F	EAR	31	1000	115-2422
340F	WBX	31	950	115-2422 & 9X-3404



# Cat Equipment

## Large Hydraulic Excavators (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
340F	WBX	31	950	9X-3404
340F	YBF	31	950	9X-3404
345B II	DCW	31	750	3T-5760
345C	ESD	31	750	3T-5760
345C L	TAJ	31	750	3T-5760
345C OEM	NRF	31	750	3T-5760
345D L	RAJ	31	750	3T-5760
345D LC-VG	LKY	31	750	3T-5760
345D OEM	P5D	31	750	3T-5760
349D	GKF	31	750	3T-5760
349D 2	RAN	31	750	3T-5760
349D 2 OEM	CE4	31	750	3T-5760
349D 2L	TAH	31	750	3T-5760
349D 2OEM	FH3	31	750	3T-5760
349D L	FLA	31	750	3T-5760
349D L OEM	MCX	31	750	3T-5760
349D L-VG	KHS	31	750	3T-5760
349E L	ETC	31	950	115-2422 & 9X-3404
349E LC-VG	DGE	31	750	3T-5760
349E LC-VG	DGE	31	950	115-2422 & 9X-3404
349E LC-VG	DGE	31	950	9X-3404
349E LC-VG	DGE	31	950	9X-3404
349E LC-VG	KCN	31	1000	115-2422
349E OEM	FKF	31	750	3T-5760
349E OEM	FKF	31	950	115-2422 & 9X-3404
349E OEM	FKF	31	950	9X-3404
349E OEM	FKF	31	950	9X-3404
349E OEM	S3P	31	1000	115-2422
349F	HLB	31	750	3T-5760
349F	HLB	31	950	115-2422 & 9X-3404
349F	HLB	31	950	9X-3404
349F	HLB	31	950	9X-3404
349F	HLB	31	1000	115-2422
349F L	FH2	31	950	9X-3404
349F L	TEW	31	750	3T-5760
349F LXE	RAX	31	750	3T-5760
349F LXE	RAX	31	1000	115-2422
349F LXE	SFG	31	950	115-2422 & 9X-3404
349F LXE	SFG	31	950	9X-3404
349F LXE	SFG	31	950	9X-3404
349F V-VG	WNA	31	750	3T-5760
349F V-VG	WNA	31	950	115-2422 & 9X-3404
349F V-VG	WNA	31	950	9X-3404
349F V-VG	WNA	31	950	9X-3404
349F V-VG	WNA	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
350	2ZL	4D	1125	153-5700
350 L	9DK	4D	1125	153-5700
352F	XAL	31	750	3T-5760
352F	XAL	31	950	115-2422 & 9X-3404
352F	XAL	31	950	9X-3404
352F	XAL	31	950	9X-3404
352F	XAL	31	1000	115-2422
352F (VG)	NDC	31	750	3T-5760
352F (VG)	NDC	31	950	9X-3404
352F (VG)	NDC	31	950	9X-3404
352F (VG)	YEG	31	950	115-2422 & 9X-3404
352F (VG)	YEG	31	1000	115-2422
352F MH OEM	B38	31	750	3T-5760
352F OEM	B36	31	750	3T-5760
352F VG	A9J	31	750	3T-5760
352F VG	A9J	31	950	115-2422 & 9X-3404
352F VG	A9J	31	950	9X-3404
352F VG	TS2	31	950	9X-3404
352F VG	TS2	31	1000	115-2422
352F XE-VG	MDR	31	950	9X-3404
352F XE-VG	MDR	31	1000	115-2422
352F XE-VG	SD2	31	750	3T-5760
352F XE-VG	SD2	31	950	115-2422 & 9X-3404
352F XE-VG	SD2	31	950	9X-3404
365C L OEM	GSZ	31	750	3T-5760
365C L OEM	GSZ	4D	1400	153-5710
374D OEM	JNZ	4D	1400	153-5710
374E L OEM	JKC	4D	1400	153-5710
374F	MFL	4D	1400	153-5710
374F L	DNM	4D	1400	153-5710
374F OEM	H25	4D	1400	153-5710
375	8WJ	4D	1400	153-5710
375 L	6RL	4D	1400	153-5710
385C OEM	MSF	4D	1400	153-5710
390D L OEM	M1M	4D	1400	153-5710
390F	HJD	4D	1400	153-5710
390F L	P4J	4D	1400	153-5710
390F L OEM	N64	4D	1400	153-5710
390F MH OEM	H27	4D	1400	153-5710
390F OEM	PT7	4D	1400	153-5710
5080	6XK	4D	1300	153-5710
5080	6XK	8D	1400	153-5720
5080	6XK	4D	1300	9X-9731
5080	6XK	8D	1400	101-4000



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## Large Track Type Tractors

Sales Model	S/N Prefix	BCI	CCA	Part Number
D10N	3SK	8D	1400	153-5720
D10N	3SK	8D	1400	153-5720
D10N	3SK	8D	1400	153-5720
D10N	3SK	8D	1500	153-5720
D10R	AKT	4D	1300	153-5710
D10R	AKT	4D	1400	153-5710
D10T	RJG	4D	1300	153-5710
D10T	RJG	4D	1400	153-5710
D11N	4HK	4D	1300	153-5710
D11N	4HK	8D	1400	153-5720
D11N	4HK	4D	1400	153-5710
D11N	4HK	8D	1500	153-5720
D11N	74Z	4D	1000	153-5700
D11N	74Z	4D	1125	153-5700
D11N	74Z	8D	1400	153-5720
D11R	7PZ	4D	1300	153-5710
D11R	7PZ	4D	1400	153-5710
D11R	8ZR	8D	1400	153-5720
D11R	8ZR	8D	1400	153-5720
D11R	8ZR	8D	1500	153-5720
D11R	9TR	4D	970	152-8006
D11R CD	AAF	4D	1300	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
D11R CD	AAF	4D	1400	153-5710
D11T	AMA	4D	1400	153-5710
D11T	DDD	4D	1300	153-5710
D11T CD	TPB	4D	1400	153-5710
D9L	14Y	4D	1000	153-5700
D9L	14Y	4D	1000	153-5700
D9L	14Y	4D	1125	153-5700
D9L	14Y	8D	1400	153-5720
D9L	14Y	8D	1400	153-5720
D9L	14Y	8D	1500	153-5720
D9L	14Y	6TL	750	5R-9120
D9N	1JD	4D	1000	153-5700
D9N	1JD	4D	1125	153-5700
D9N	1JD	4D	1300	153-5710
D9N	6XJ	4D	1000	153-5700
D9R	7TL	4D	1000	153-5700
D9R	7TL	4D	1125	153-5700
D9R	JJB	6TL	750	5R-9120
D9R	WDM	4D	1300	153-5710
D9R	WDM	4D	1400	153-5710
D9T	TWG	4D	1400	153-5710

## Large Wheel Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
834	92Z	31	750	3T-5760
834	92Z	4D	1000	153-5700
834	92Z	4D	1125	153-5700
834	92Z	8D	1500	153-5720
834B	7BR	31	750	3T-5760
834G	6GZ	31	750	3T-5760
834H	BTX	31	950	9X-3404
834H	BTX	31	950	9X-3404
834H	BTX	31	1000	115-2422
834K	LWY	31	950	115-2422 & 9X-3404
834K	LWY	31	950	9X-3404
834K	LWY	31	1000	115-2422
834K	TWY	31	950	9X-3404
844	2KZ	4D	1300	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
844	2KZ	4D	1400	153-5710
844H	BTW	4D	1300	153-5710
844H	BTW	4D	1400	153-5710
844K	KLS	31	950	115-2422 & 9X-3404
844K	KLS	31	950	9X-3404
844K	KLS	31	950	9X-3404
844K	KLS	31	1000	115-2422
854G	1JW	4D	970	152-8006
854G	A4W	4D	1300	153-5710
854G	AMP	4D	1400	153-5710
854K	KK3	4D	1400	153-5710
854G	AMP	4D	1300	9X-9731
854G	AMP	4D	1400	153-5710
854K	KK3	4D	1400	153-5710

# Cat Equipment

## Large Wheel Loaders (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
854K 2	H9K	4D	1400	153-5710
986H	L8S	31	950	115-2422 & 9X-3404
986H	L8S	31	950	9X-3404
986H	L8S	31	950	9X-3404
986H	L8S	31	1000	115-2422
986K	MH8	31	950	115-2422 & 9X-3404
988B	50W	31	750	3T-5760
988B	50W	4D	1000	153-5700
988B	50W	4D	1125	153-5700
988B	50W	8D	1400	153-5720
988B	50W	8D	1400	153-5720
988B	50W	8D	1500	153-5720
988B	62Y	6TL	750	5R-9120
988F	2ZR	31	750	3T-5760
988G	BNH	31	750	3T-5760
988H	BXY	31	750	3T-5760
988H	BXY	31	950	115-2422 & 9X-3404
988H	BXY	31	950	9X-3404
988H	BXY	31	950	9X-3404
988H	BXY	31	1000	115-2422
988K	LWX	31	950	115-2422 & 9X-3404
988K	LWX	31	950	9X-3404
988K	LWX	31	950	9X-3404
988K	TWX	31	1000	115-2422
988K XE	EWX	31	950	115-2422 & 9X-3404
988K XE	EWX	31	950	9X-3404
988K XE	EWX	31	950	9X-3404
988K XE	EWX	31	1000	115-2422
990	7HK	4D	1300	153-5710
990	7HK	4D	1400	153-5710
990 II	BCR	4D	1300	153-5710
990 II	BCR	4D	1400	153-5710
990H	BWX	4D	1300	153-5710
990H	BWX	4D	1400	153-5710
990 II	BCR	4D	1400	153-5710
990H	BWX	4D	1300	9X-9730
990H	BWX	4D	1300	9X-9731
990H	BWX	4D	1400	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
990K	A9P	31	950	9X-3404
990K	DJK	31	950	115-2422 & 9X-3404
990K	DJK	31	950	9X-3404
990K	DJK	31	1000	115-2422
991K	530	4D	1400	153-5710
992C	42X	8D	1400	153-5720
992C	42X	8D	1500	153-5720
992C	49Z	31	750	3T-5760
992C	49Z	8D	1400	153-5720
992D	7MJ	31	750	3T-5760
992D	7MJ	4D	1300	153-5710
992D	7MJ	8D	1400	153-5720
992D	7MJ	8D	1400	153-5720
992D	7MJ	8D	1400	153-5720
992D	7MJ	8D	1500	153-5720
992G	7HR	4D	970	152-8006
992G	ADZ	4D	1300	153-5710
992G	ADZ	4D	1400	153-5710
992K	H4C	4D	1400	153-5710
992K 2	ZMX	4D	1400	153-5710
992X	Z4X	4D	1300	153-5710
992X	Z4X	4D	1400	153-5710
993K	LWA	4D	1300	153-5710
993K	Z9K	4D	1400	153-5710
994D	3TZ	8D	1400	153-5720
994D	3TZ	8D	1400	153-5720
994D	3TZ	8D	1500	153-5720
994F	442	8D	1400	153-5720
994F	442	8D	1400	153-5720
994F	442	8D	1500	153-5720
994H	DWC	8D	1400	153-5720
994H	DWC	8D	1500	153-5720
994K	MRK	8D	1500	153-5720
994F	442	8D	1400	101-4000
994F	442	8D	1500	153-5720
994H	DWC	8D	1400	101-4000
994H	DWC	8D	1500	153-5720
994K	MRK	8D	1500	153-5720

## Material Handlers

Sales Model	S/N Prefix	BCI	CCA	Part Number
325C MH	S2C	31	750	3T-5760
325D MH FCR	RJK	31	750	3T-5760
325D MH FCR	RJK	31	950	115-2422 & 9X-3404
325D MH FCR	RJK	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
325D MH FCR	RJK	31	950	9X-3404
325D MH FCR	RJK	31	1000	115-2422
325D MH HCR	C4H	31	750	3T-5760
325D MH HCR	C4H	31	950	115-2422 & 9X-3404

## Material Handlers (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number	Sales Model	S/N Prefix	BCI	CCA	Part Number
325D MH HCR	C4H	31	950	9X-3404	336E HVG UHD OEM	RBS	31	950	9X-3404
325D MH HCR	C4H	31	950	9X-3404	336E HVG UHD OEM	RBS	31	1000	115-2422
325D MH HCR	C4H	31	1000	115-2422	336E L UHD OEM	PCE	31	950	115-2422 & 9X-3404
329D L SB OEM	L5H	31	950	115-2422 & 9X-3404	336E L UHD OEM	PCE	31	950	9X-3404
329D L SB OEM	L5H	31	950	9X-3404	336E L UHD OEM	PCE	31	950	9X-3404
329D L SB OEM	L5H	31	950	9X-3404	336E L UHD OEM	PCE	31	1000	115-2422
329D L SB OEM	L5H	31	1000	115-2422	340D 2L OEM	DC8	31	750	3T-5760
330C MH	D3C	31	750	3T-5760	345B II MH	APB	31	750	3T-5760
330D MH FCR	LEM	31	750	3T-5760	345C HVG UHD OEM	M3F	31	750	3T-5760
330D MH FCR	LEM	31	950	115-2422 & 9X-3404	345C L UHD OEM	L5B	31	750	3T-5760
330D MH FCR	LEM	31	950	9X-3404	345C LVG UHD OEM	M3E	31	750	3T-5760
330D MH FCR	LEM	31	950	9X-3404	345C MH FCR	M2R	31	750	3T-5760
330D MH FCR	LEM	31	1000	115-2422	345C MH HCR	D3S	31	750	3T-5760
330D MH HCR	C5K	31	750	3T-5760	349E HVG UHD OEM	JAE	31	750	3T-5760
330D MH HCR	C5K	31	950	115-2422 & 9X-3404	345C HVG UHD OEM	JAE	31	950	115-2422 & 9X-3404
330D MH HCR	C5K	31	950	9X-3404	345C HVG UHD OEM	JAE	31	950	9X-3404
330D MH HCR	C5K	31	950	9X-3404	345C HVG UHD OEM	JAE	31	950	9X-3404
330D MH HCR	C5K	31	1000	115-2422	345C HVG UHD OEM	JAE	31	1000	115-2422
330D WH	JJM	31	750	3T-5760	385C L MH OEM	M3P	4D	1400	153-5710
330D WH	JJM	31	950	115-2422 & 9X-3404	345C LVG UHD OEM	M3W	4D	1400	153-5710
330D WH	JJM	31	950	9X-3404	385C MH OEM	E1Y	4D	1400	153-5710
330D WH	JJM	31	950	9X-3404	M325B MH	BGN	31	750	3T-5760
330D WH	JJM	31	1000	115-2422	MH3027	MYR	31	950	115-2422 & 9X-3404
336D HVG UHD OEM	M3N	31	750	3T-5760	MH3027	MYR	31	950	9X-3404
336D HVG UHD OEM	M3N	31	950	115-2422 & 9X-3404	MH3027	MYR	31	950	9X-3404
336D HVG UHD OEM	M3N	31	950	9X-3404	MH3027	MYR	31	1000	115-2422
336D HVG UHD OEM	M3N	31	950	9X-3404	MH3037	JLH	31	950	115-2422 & 9X-3404
336D HVG UHD OEM	M3N	31	1000	115-2422	MH3037	JLH	31	950	9X-3404
336D L UHD OEM	M3M	31	750	3T-5760	MH3037	JLH	31	950	9X-3404
336D L UHD OEM	M3M	31	950	115-2422 & 9X-3404	MH3037	JLH	31	1000	115-2422
336D L UHD OEM	M3M	31	950	9X-3404	MH3037	KPM	31	1000	175-4390
336D L UHD OEM	M3M	31	950	9X-3404	MH3049	HPB	31	1000	175-4390
336D L UHD OEM	M3M	31	1000	115-2422	MH3059	RBR	31	1000	175-4390
336D LN SB OEM	M3S	31	950	115-2422 & 9X-3404	MH3295	PA9	4D	1400	153-5710
336D LN SB OEM	M3S	31	950	9X-3404	W330B MH	AME	31	750	3T-5760
336D LN SB OEM	M3S	31	950	9X-3404	W345B II MH	ANJ	31	750	3T-5760
336D LN SB OEM	M3S	31	1000	115-2422	W345C MH FCR	R5K	31	750	3T-5760
336E HVG UHD OEM	RBS	31	950	115-2422 & 9X-3404					
336E HVG UHD OEM	RBS	31	950	9X-2404					

# Cat Equipment

## Medium Hydraulic Excavators

Sales Model	S/N Prefix	BCI	CCA	Part Number
320	HEX	31	950	9X-3404
320	HEX	31	950	9X-3404
320	HEX	31	1000	115-2422
320 GC	KTN	31	950	115-2422 & 9X-3404
320 GC	KTN	31	950	9X-3404
320 GC	KTN	31	950	9X-3404
320 GC	KTN	31	1000	115-2422
320C OEM	MSN	31	750	3T-5760
320D	KLM	31	950	115-2422 & 9X-3404
320D 2	KBS	31	950	115-2422 & 9X-3404
320D 2	TDN	31	1000	115-2422
320D 2	WDJ	31	750	3T-5760
320D 2	WDJ	31	950	9X-3404
320D 2	WDJ	31	950	9X-3404
320D 2 GC OEM	EG1	31	750	3T-5760
320D 2 OEM	ET2	31	950	115-2422 & 9X-3404
320D 2 OEM	ET2	31	950	9X-3404
320D 2 OEM	ET2	31	950	9X-3404
320D 2 OEM	ET2	31	1000	115-2422
320D 2GC	JFM	31	950	115-2422 & 9X-3404
320D 2GC	JFM	31	950	9X-3404
320D 2GC	JFM	31	950	9X-3404
320D 2GC	JFM	31	1000	115-2422
320D 2GC	NBH	31	750	3T-5760
320D 2L	EKT	31	750	3T-5760
320D 2L	HDM	31	950	115-2422 & 9X-3404
320D 2L	HDM	31	1000	115-2422
320D 2L	PBB	31	950	9X-3404
320D 2L	ZBM	31	950	9X-3404
320D 2L OEM	K22	31	750	3T-5760
320D 2L OEM	K22	31	950	115-2422 & 9X-3404
320D 2L OEM	K22	31	950	9X-3404
320D 2L OEM	K22	31	950	9X-3404
320D 2L OEM	K22	31	1000	115-2422
320D GC	JZA	31	950	115-2422 & 9X-3404
320D GC	JZA	31	950	9X-3404
320D GC	JZA	31	950	9X-3404
320D GC	JZA	31	1000	115-2422
320D GC OEM	A23	31	750	3T-5760
320D GC OEM	A23	31	950	115-2422 & 9X-3404
320D GC OEM	A23	31	950	9X-3404
320D GC OEM	A23	31	950	9X-3404
320D GC OEM	A23	31	1000	115-2422
320D L	GDP	31	950	115-2422 & 9X-3404
320D L	GDP	31	950	9X-3404
320D L	KZF	31	1000	115-2422
320D L OEM	M4B	31	750	3T-5760
320D L OEM	PDS	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
320D L OEM	PDS	31	950	9X-3404
320D L OEM	PDS	31	950	9X-3404
320D L OEM	PDS	31	1000	115-2422
320D LRR	DHE	31	950	9X-3404
320D LRR	EJT	31	950	115-2422 & 9X-3404
320D OEM	BK8	31	750	3T-5760
320D OEM	BK8	31	950	115-2422 & 9X-3404
320D OEM	BK8	31	950	9X-3404
320D OEM	BK8	31	950	9X-3404
320D OEM	BK8	31	1000	115-2422
320D RR OEM	PRR	31	750	3T-5760
320E	AWS	31	950	115-2422 & 9X-3404
320E	SHX	31	750	3T-5760
320E	SXE	31	950	9X-3404
320E	SXE	31	950	9X-3404
320E	SXE	31	1000	115-2422
320E L	NAZ	31	950	9X-3404
320E L	NAZ	31	1000	115-2422
320E L	REE	31	750	3T-5760
320E L	REE	31	950	9X-3404
320E L	TEX	31	950	115-2422 & 9X-3404
320E L OEM	FH8	31	750	3T-5760
320E LN	DFG	31	750	3T-5760
320E LRR	MEW	31	950	9X-3404
320E LRR	MEW	31	1000	115-2422
320E LRR	PNL	31	750	3T-5760
320E LRR	PNL	31	950	9X-3404
320E LRR	TFX	31	950	115-2422 & 9X-3404
320E OEM	EGX	31	950	115-2422 & 9X-3404
320E OEM	EGX	31	950	9X-3404
320E OEM	EGX	31	950	9X-3404
320E OEM	EGX	31	1000	115-2422
320E RR	LHN	31	750	3T-5760
320E RR	LHN	31	950	115-2422 & 9X-3404
320E RR	LHN	31	950	9X-3404
320E RR	LHN	31	950	9X-3404
320E RR	LHN	31	1000	115-2422
320E RR OEM	S7A	31	750	3T-5760
320E RR OEM	S7A	31	950	115-2422 & 9X-3404
320E RR OEM	S7A	31	950	9X-3404
320E RR OEM	S7A	31	950	9X-3404
320E RR OEM	S7A	31	1000	115-2422
320F L	NHD	31	950	115-2422 & 9X-3404
320F L	YBM	31	950	9X-3404
321D LCR	KBZ	31	750	3T-5760
321D LCR	TXA	31	1000	115-2422
322	8ML	31	950	115-2422 & 9X-3404
322	8ML	31	950	9X-3404

## Medium Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
322	8ML	31	950	9X-3404
322	8ML	31	1000	115-2422
323	RAZ	31	950	115-2422 & 9X-3404
323	RAZ	31	950	9X-3404
323	RAZ	31	1000	115-2422
323D	WNE	31	750	3T-5760
323D	WNE	31	950	115-2422 & 9X-3404
323D	WNE	31	950	9X-3404
323D	WNE	31	950	9X-3404
323D	WNE	31	1000	115-2422
323D 2L	FLC	31	950	115-2422 & 9X-3404
323D 2L	KBX	31	950	9X-3404
323D 2L	KCE	31	750	3T-5760
323D 2L	YCR	31	950	9X-3404
323D 2L	YCR	31	1000	115-2422
323D 2L OEM	FEF	31	950	115-2422 & 9X-3404
323D 2L OEM	FEF	31	950	9X-3404
323D 2LOEM	FH4	31	950	115-2422 & 9X-3404
323D 2LOEM	FH4	31	950	9X-3404
323D 2LOEM	FH4	31	950	9X-3404
323D 2LOEM	FH4	31	1000	115-2422
323D L	GTF	31	950	9X-3404
323D L	GTF	31	1000	115-2422
323D L	ZMF	31	950	115-2422 & 9X-3404
323D L OEM	L5Z	31	750	3T-5760
323D L OEM	L5Z	31	950	115-2422 & 9X-3404
323D L OEM	L5Z	31	950	9X-3404
323D L OEM	L5Z	31	950	9X-3404
323D L OEM	L5Z	31	1000	115-2422
323D LN	CWG	31	950	115-2422 & 9X-3404
323D LN	CWG	31	950	9X-3404
323D LN	CWG	31	950	9X-3404
323D LN	CWG	31	1000	115-2422
323D LN OEM	DCJ	31	750	3T-5760
323D OEM	FAW	31	950	115-2422 & 9X-3404
323D OEM	FAW	31	950	9X-3404
323D OEM	FAW	31	950	9X-3404
323D OEM	FAW	31	1000	115-2422
323D OEM	GRL	31	750	3T-5760
323E L	RAP	31	750	3T-5760
323E L	RAP	31	950	115-2422 & 9X-3404
323E L	RAP	31	950	9X-3404
323E L	RAP	31	950	9X-3404
323E L	RAP	31	1000	115-2422
323E L OEM	FH7	31	750	3T-5760
323E LN	TDW	31	750	3T-5760
323E LN	TDW	31	950	115-2422 & 9X-3404
323E LN	TDW	31	950	9X-3404
323E LN	TDW	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
323E LN	TDW	31	1000	115-2422
323E SA	YRP	31	750	3T-5760
323E SA	YRP	31	950	115-2422 & 9X-3404
323E SA	YRP	31	950	9X-3404
323E SA	YRP	31	950	9X-3404
323E SA	YRP	31	1000	115-2422
323F L	KBY	31	750	3T-5760
323F L	KBY	31	950	9X-3404
323F L	KBY	31	1000	115-2422
323F L	NCW	31	950	115-2422 & 9X-3404
323F L	XCF	31	950	9X-3404
323F LN	YEC	31	750	3T-5760
323F LN	YEC	31	950	115-2422 & 9X-3404
323F LN	YEC	31	950	9X-3404
323F LN	YEC	31	950	9X-3404
323F LN	YEC	31	1000	115-2422
323F OEM	P39	31	750	3T-5760
323F OEM	P7P	31	950	115-2422 & 9X-3404
323F OEM	P7P	31	950	9X-3404
323F OEM	P7P	31	950	9X-3404
323F OEM	P7P	31	1000	115-2422
323F SA OEM	P7P	31	950	115-2422 & 9X-3404
323F SA OEM	P7P	31	950	9X-3404
323F SA OEM	P7P	31	950	9X-3404
323F SA OEM	P7P	31	1000	115-2422
324D L	BTK	31	1000	115-2422
324D L	JAT	31	950	115-2422 & 9X-3404
324D L	JAT	31	950	9X-3404
324D L	JJG	31	750	3T-5760
324D LN	TRH	31	950	115-2422 & 9X-3404
324D LN	TRH	31	950	9X-3404
324D LN	TRH	31	1000	115-2422
324D LN OEM	KJR	31	750	3T-5760
324D LN OEM	KJR	31	950	115-2422 & 9X-3404
324D LN OEM	KJR	31	950	9X-3404
324D LN OEM	KJR	31	950	9X-3404
324D LN OEM	KJR	31	1000	115-2422
324D OEM	KJR	31	950	9X-3404
324D OEM	KJR	31	1000	115-2422
324D OEM	LBW	31	750	3T-5760
324D OEM	LBW	31	950	9X-3404
324E L OEM	K32	31	950	115-2422 & 9X-3404
324E L OEM	K32	31	950	9X-3404
324E L OEM	K32	31	950	9X-3404
324E L OEM	K32	31	1000	115-2422
324F L	WGL	31	950	115-2422 & 9X-3404
324F L	WGL	31	950	9X-3404
324F L	WGL	31	950	9X-3404
324F L	WGL	31	1000	115-2422

# Cat Equipment

## Medium Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
325B	6DN	4D	1300	153-5710
325C OEM	MSG	31	750	3T-5760
325D L	T2S	31	950	115-2422 & 9X-3404
325D L OEM	X3N	31	750	3T-5760
325D L OEM	X3N	31	950	115-2422 & 9X-3404
325D L OEM	X3N	31	950	9X-3404
325D L OEM	X3N	31	950	9X-3404
325D L OEM	X3N	31	1000	115-2422
325D OEM	SRC	31	950	115-2422 & 9X-3404
325D OEM	X3N	31	750	3T-5760
325D OEM	X3N	31	950	9X-3404
325D OEM	X3N	31	950	9X-3404
325D OEM	X3N	31	1000	115-2422
325F	XAA	31	750	3T-5760
325F	XAA	31	950	115-2422 & 9X-3404
325F	XAA	31	950	9X-3404
325F	XAA	31	950	9X-3404
325F	XAA	31	1000	115-2422
325F LCR	YCA	31	750	3T-5760
325F LCR	YCA	31	950	115-2422 & 9X-3404
325F LCR	YCA	31	950	9X-3404
325F LCR	YCA	31	950	9X-3404
325F LCR	YCA	31	1000	115-2422
326D 2	KGY	31	950	9X-3404
326D 2	REC	31	950	115-2422 & 9X-3404
326D 2	REC	31	950	9X-3404
326D 2	REC	31	1000	115-2422
326D 2L	JFL	31	950	115-2422 & 9X-3404
326D 2L	JFL	31	1000	115-2422
326D 2L	MZH	31	950	9X-3404
326D 2L	XAM	31	950	9X-3404
326D 2L OEM	HM4	31	950	115-2422 & 9X-3404
326D 2L OEM	HM4	31	950	9X-3404
326D 2L OEM	HM4	31	950	9X-3404
326D 2L OEM	HM4	31	1000	115-2422
326D 2OEM	F3Y	31	950	115-2422 & 9X-3404
326D 2OEM	F3Y	31	950	9X-3404
326D 2OEM	F3Y	31	950	9X-3404
326D 2OEM	F3Y	31	1000	115-2422
326D L	PJM	31	750	3T-5760
326D L	PJM	31	950	115-2422 & 9X-3404
326D L	PJM	31	950	9X-3404
326D L	PJM	31	950	9X-3404
326D L	PJM	31	1000	115-2422
326F	SGK	31	950	115-2422 & 9X-3404
326F	SGK	31	950	9X-3404
326F	SGK	31	950	9X-3404
326F	SGK	31	1000	115-2422
326F L OEM	CJ8	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
326F L OEM	CJ8	31	950	9X-3404
326F L OEM	CJ8	31	950	9X-3404
326F L OEM	CJ8	31	1000	115-2422
326F LN	HCJ	31	1000	115-2422
326F LN	TMR	31	950	9X-3404
328D LCR	RMX	31	950	9X-3404
328D LCR	RMX	31	1000	115-2422
328D LCR	SWF	31	750	3T-5760
328D LCR	SWF	31	950	115-2422 & 9X-3404
328D LCR	SWF	31	950	9X-3404
328D LCR OEM	JTC	31	750	3T-5760
328D LCR OEM	JTC	31	950	115-2422 & 9X-3404
328D LCR OEM	JTC	31	950	9X-3404
328D LCR OEM	JTC	31	950	9X-3404
328D LCR OEM	JTC	31	1000	115-2422
329D 2	SHJ	31	950	9X-3404
329D 2	TMJ	31	950	115-2422 & 9X-3404
329D 2	TMJ	31	950	9X-3404
329D 2	TMJ	31	1000	115-2422
329D 2L	KJB	31	950	115-2422 & 9X-3404
329D 2L	KJB	31	950	9X-3404
329D 2L	RGA	31	1000	115-2422
329D 2L	THW	31	950	9X-3404
329D 2L OEM	HER	31	950	115-2422 & 9X-3404
329D 2L OEM	HER	31	950	9X-3404
329D 2L OEM	HER	31	950	9X-3404
329D 2L OEM	HER	31	1000	115-2422
329D L	JHJ	31	750	3T-5760
329D L	JHJ	31	1000	115-2422
329D L	WLT	31	950	115-2422 & 9X-3404
329D L	YFW	31	950	9X-3404
329D L OEM	J8D	31	750	3T-5760
329D L OEM	J8D	31	950	115-2422 & 9X-3404
329D L OEM	J8D	31	950	9X-3404
329D L OEM	J8D	31	950	9X-3404
329D L OEM	L5G	31	1000	115-2422
329D LN	EBM	31	950	115-2422 & 9X-3404
329D LN	EBM	31	950	9X-3404
329E OEM	H28	31	950	115-2422 & 9X-3404
329E OEM	K2L	31	1000	115-2422
329E OEM	KNR	31	950	9X-3404
329E OEM	KNR	31	950	9X-3404
329F	YHA	31	950	115-2422 & 9X-3404
329F	YHA	31	950	9X-3404
329F	YHA	31	950	9X-3404
329F	YHA	31	1000	115-2422
329F L	ERL	31	950	115-2422 & 9X-3404
329F L	ERL	31	1000	115-2422
329F L	RCN	31	950	9X-3404



## Medium Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
329F L	RCN	31	950	9X-3404
329F L OEM	B33	31	950	115-2422 & 9X-3404
329F L OEM	B33	31	950	9X-3404
329F L OEM	B33	31	950	9X-3404
329F L OEM	B33	31	1000	115-2422
330D 2L	PTE	31	1000	115-2422
330D 2L	RCK	31	950	9X-3404
330D 2L	XDR	31	950	9X-3404
330D 2L	ZBF	31	950	115-2422 & 9X-3404
330D 2L OEM	EX7	31	950	115-2422 & 9X-3404
330D 2L OEM	EX7	31	950	9X-3404
330D 2L OEM	HSP	31	950	9X-3404
330D 2L OEM	HXM	31	1000	115-2422
330F L	MBX	31	950	115-2422 & 9X-3404
330F L	MBX	31	950	9X-3404
330F L	MBX	31	1000	115-2422
330F L	WBA	31	950	9X-3404
330F L OEM	B33	31	950	9X-3404
330F L OEM	H5R	31	950	115-2422 & 9X-3404
330F L OEM	H5R	31	950	9X-3404
330F L OEM	H5R	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
330F LN	JFR	31	950	115-2422 & 9X-3404
330F LN	LBN	31	950	9X-3404
330F LN	LBN	31	950	9X-3404
330F LN	LBN	31	1000	115-2422
330F LN OEM	LNK	31	950	115-2422 & 9X-3404
330F LN OEM	LNK	31	950	9X-3404
330F LN OEM	LNK	31	950	9X-3404
330F LN OEM	LNK	31	1000	115-2422
330F OEM	B32	31	950	115-2422 & 9X-3404
330F OEM	B32	31	1000	115-2422
330F OEM	HA3	31	950	9X-3404
330F OEM	HA3	31	950	9X-3404
335F	KNE	31	950	115-2422 & 9X-3404
335F	KNE	31	950	9X-3404
335F	KNE	31	950	9X-3404
335F	KNE	31	1000	115-2422
335F LCR OEM	KHM	31	950	115-2422 & 9X-3404
335F LCR OEM	KHM	31	950	9X-3404
335F LCR OEM	KHM	31	950	9X-3404
335F LCR OEM	KHM	31	1000	115-2422

## Medium Track Type Tractors

Sales Model	S/N Prefix	BCI	CCA	Part Number
D5R LGP	D5L	31	950	9X-3404
D5R LGP	D5L	31	950	9X-3404
D5R XL	D5X	31	950	9X-3404
D5R XL	D5X	4D	1400	153-5710
D5R XL	R5A	31	950	115-2422 & 9X-3404
D5R XL	R5A	31	950	9X-3404
D5R XL	WRE	31	1000	115-2422
D5T	P5T	31	950	115-2422 & 9X-3404
D5T	P5T	31	950	9X-3404
D5T	P5T	31	950	9X-3404
D5T	P5T	31	1000	115-2422
D5T	P5T	4D	1400	153-5710
D6D	30X	4D	1125	153-5700
D6G	P6G	31	750	3T-5760
D6G	P6G	31	950	115-2422 & 9X-3404
D6G	P6G	31	950	9X-3404
D6G	P6G	31	950	9X-3404
D6G	P6G	31	1000	115-2422
D6G II LGP	C6X	31	750	3T-5760
D6G II LGP	C6X	31	950	115-2422 & 9X-3404
D6G II LGP	C6X	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
D6G II LGP	C6X	31	950	9X-3404
D6G II LGP	C6X	31	1000	115-2422
D6G III LGP	C6X	31	750	3T-5760
D6H	4LG	4D	1000	153-5700
D6H LGP	2TG	31	750	3T-5760
D6H LGP	3YG	4D	1000	153-5700
D6K 2	6S6	31	950	115-2422 & 9X-3404
D6K 2	6S6	31	950	9X-3404
D6K 2	6S6	31	1000	115-2422
D6K 2	MXK	31	950	9X-3404
D6K 2 LGP	JTR	31	950	115-2422 & 9X-3404
D6K 2 LPG	RST	31	950	115-2422 & 9X-3404
D6K 2 LPG	RST	31	950	9X-3404
D6K 2 LPG	RST	31	950	9X-3404
D6K 2 LPG	RST	31	1000	115-2422
D6K 2 XL	DFR	31	950	9X-3404
D6K 2 XL	DFR	31	1000	115-2422
D6K 2 XL	WMR	31	950	115-2422 & 9X-3404

# Cat Equipment

## Medium Track Type Tractors (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
D6K 2 XL	WMR	31	950	9X-3404
D6K 2XL	6S6	31	950	115-2422 & 9X-3404
D6K 2XL	6S6	31	950	9X-3404
D6K 2XL	6S6	31	950	9X-3404
D6K 2XL	6S6	31	1000	115-2422
D6K LGP	DHA	31	750	3T-5760
D6K LGP	DHA	31	950	115-2422 & 9X-3404
D6K LGP	DHA	31	950	9X-3404
D6K LGP	DHA	31	950	9X-3404
D6K LGP	DHA	31	1000	115-2422
D6K XL	FBH	31	750	3T-5760
D6K XL	FBH	31	950	115-2422 & 9X-3404
D6K XL	FBH	31	950	9X-3404
D6K XL	FBH	31	950	9X-3404
D6K XL	FBH	31	1000	115-2422
D6K XL	HMG	4D	1400	153-5710
D6N LGP	DJY	31	950	115-2422 & 9X-3404
D6N LGP	DJY	31	1000	115-2422
D6N LGP	GHS	31	950	9X-3404
D6N LGP	GHS	4D	1400	153-5710
D6N LGP	MG5	31	950	9X-3404
D6N LGP OEM	SC6	31	950	115-2422 & 9X-3404
D6N LGP OEM	SC6	31	950	9X-3404
D6N LGP OEM	SC6	31	950	9X-3404
D6N LGP OEM	SC6	31	1000	115-2422
D6N LGP OEM	SC6	4D	1400	153-5710
D6N XL	DJA	31	950	9X-3404
D6N XL	DJA	4D	1000	153-5700
D6N XL	DJA	4D	1400	153-5710
D6N XL	GB6	31	950	9X-3404
D6R	DMP	31	750	3T-5760
D6R	DMP	4D	1000	153-5700
D6R	DMP	4D	1125	153-5700
D6R	EMM	31	950	115-2422 & 9X-3404
D6R	EMM	31	950	9X-3404
D6R	EMM	31	1000	115-2422
D6R	EMM	4D	1400	153-5710
D6R	SSS	31	950	9X-3404
D6R II	BRJ	31	950	9X-3404
D6R II LGP	ACJ	31	750	3T-5760
D6R II LGP	ACJ	4D	1300	153-5710
D6R II LGP	ACJ	4D	1400	153-5710
D6R II LGP	BPZ	4D	1000	153-5700
D6R II XL	AAX	31	950	115-2422 & 9X-3404
D6R II XL	AAX	31	950	9X-3404
D6R II XL	AAX	4D	1400	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
D6R II XL	AGM	31	950	9X-3404
D6R II XL	AGM	31	1000	175-4390
D6R II XL	AGM	4D	1000	153-5700
D6R II XL	AGM	4D	1300	153-5710
D6R II XW	DAE	31	950	9X-3404
D6R II XW	DAE	31	950	9X-3404
D6R II XW	DAE	4D	1000	153-5700
D6R III	TBC	31	950	115-2422 & 9X-3404
D6R III	TBC	31	950	9X-3404
D6R III	TBC	31	950	9X-3404
D6R III	TBC	31	1000	115-2422
D6R III	TBC	4D	1400	153-5710
D6R III LGP	DMK	31	950	115-2422 & 9X-3404
D6R III LGP	DMK	31	950	9X-3404
D6R III LGP	DMK	31	950	9X-3404
D6R III LGP	DMK	31	1000	115-2422
D6R III LGP	DMK	4D	1000	153-5700
D6R III LGP	DMK	4D	1125	153-5700
D6R III LGP	DMK	4D	1400	153-5710
D6R III XL	EXL	31	950	115-2422 & 9X-3404
D6R III XL	EXL	31	950	9X-3404
D6R III XL	EXL	31	950	9X-3404
D6R III XL	EXL	31	1000	115-2422
D6R III XL	EXL	4D	1000	153-5700
D6R III XL	EXL	4D	1125	153-5700
D6R III XL	EXL	4D	1400	153-5710
D6R III XW	MRT	31	950	115-2422 & 9X-3404
D6R III XW	MRT	31	950	9X-3404
D6R III XW	MRT	31	950	9X-3404
D6R III XW	MRT	31	1000	115-2422
D6R III XW	MRT	4D	1400	153-5710
D6R IIIP LGP	DLM	31	950	115-2422 & 9X-3404
D6R IIIP LGP	DLM	31	950	9X-3404
D6R IIIP LGP	DLM	31	950	9X-3404
D6R IIIP LGP	DLM	31	1000	115-2422
D6R IIIP LGP	DLM	4D	1400	153-5710
D6R IIIP XL	HKE	31	950	115-2422 & 9X-3404
D6R IIIP XL	HKE	31	950	9X-3404
D6R IIIP XL	HKE	31	950	9X-3404
D6R IIIP XL	HKE	31	1000	115-2422
D6R IIIP XL	HKE	4D	1400	153-5710
D6R IIIP XW	MTJ	31	950	115-2422 & 9X-3404
D6R IIIP XW	MTJ	31	950	9X-3404
D6R IIIP XW	MTJ	31	950	9X-3404
D6R IIIP XW	MTJ	31	1000	115-2422
D6R IIIP XW	MTJ	4D	1400	153-5710
D6R LGP	PPP	31	1000	115-2422



## Medium Track Type Tractors (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
D6R LGP X	S6Y	31	950	115-2422 & 9X-3404
D6R LGP X	S6Y	31	950	9X-3404
D6R LGP X	S6Y	31	950	9X-3404
D6R LGP X	S6Y	31	1000	115-2422
D6R LGP X	S6Y	4D	1400	153-5710
D6R X	C6Z	31	950	9X-3404
D6R X	C6Z	4D	1400	153-5710
D6R X	S6Y	31	950	115-2422 & 9X-3404
D6R X	S6Y	31	950	9X-3404
D6R X	S6Y	31	1000	115-2422
D6R XL	4JR	31	750	3T-5760
D6R XL	7GR	4D	1000	153-5700
D6R XL	JEN	31	950	9X-3404
D6R XL	JEN	31	1000	115-2422
D6R XL	S6T	31	950	115-2422 & 9X-3404
D6R XL	S6T	4D	1400	153-5710
D6R XL	TTT	31	950	9X-3404
D6R XL X	S6T	31	950	115-2422 & 9X-3404
D6R XL X	S6T	31	950	9X-3404
D6R XL X	S6T	31	950	9X-3404
D6R XL X	S6T	31	1000	115-2422
D6R XL X	S6T	4D	1400	153-5710
D6R XR	6HR	31	1000	115-2422
D6R XR	6HR	4D	1000	153-5700
D6R XR	7DR	31	950	9X-3404
D6R XR	7DR	4D	1125	153-5700
D6T	SMC	31	950	115-2422 & 9X-3404
D6T	SMC	31	950	9X-3404
D6T	SMC	31	950	9X-3404
D6T	SMC	31	1000	115-2422
D6T	SMC	4D	1400	153-5710
D6T LGP	KJL	31	950	115-2422 & 9X-3404
D6T LGP	KJL	31	950	9X-3404
D6T LGP	KJL	31	950	9X-3404
D6T LGP	KJL	31	1000	115-2422
D6T LGP	KJL	4D	1000	153-5700
D6T LGP	KJL	4D	1125	153-5700
D6T LGP	SGT	4D	1400	153-5710
D6T LGP OEM	PLR	4D	1400	153-5710
D6T LGP PAT	KSB	4D	1400	153-5710
D6T LGP VPAT	K1R	4D	1400	153-5710
D6T P LGP	JWD	31	950	115-2422 & 9X-3404
D6T P LGP	JWD	31	950	9X-3404
D6T P LGP	JWD	31	950	9X-3404
D6T P LGP	JWD	31	1000	115-2422
D6T P LGP	JWD	4D	1400	153-5710
D6T P XL	WFH	31	950	115-2422 & 9X-3404
D6T P XL	WFH	31	950	9X-3404
D6T P XL	WFH	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
D6T P XL	WFH	31	1000	115-2422
D6T P XL	WFH	4D	1400	153-5710
D6T P XW	RLW	31	950	115-2422 & 9X-3404
D6T P XW	RLW	31	950	9X-3404
D6T P XW	RLW	31	950	9X-3404
D6T P XW	RLW	31	1000	115-2422
D6T P XW	RLW	4D	1400	153-5710
D6T XL	GCT	31	950	115-2422 & 9X-3404
D6T XL	GCT	31	950	9X-3404
D6T XL	GCT	31	950	9X-3404
D6T XL	GCT	31	1000	115-2422
D6T XL	GMK	4D	1400	153-5710
D6T XL PAT	SGA	4D	1400	153-5710
D6T XL VPAT	HYT	4D	1400	153-5710
D6T XW	SKL	31	950	115-2422 & 9X-3404
D6T XW	SKL	31	950	9X-3404
D6T XW	SKL	31	950	9X-3404
D6T XW	SKL	31	1000	115-2422
D6T XW PAT	RCW	4D	1400	153-5710
D6T XW VPAT	JNM	4D	1400	153-5710
D7E	TAN	31	1000	115-2422
D7E	TAN	4D	1300	153-5710
D7E	TAN	4D	1400	153-5710
D7E LGP	SCG	31	950	115-2422 & 9X-3404
D7E LGP	SSH	4D	1300	153-5710
D7E LGP	SSH	4D	1400	153-5710
D7E LGP	TJA	31	950	9X-3404
D7G	3GF	8D	1400	153-5720
D7G	3GF	8D	1500	153-5720
D7G	3ZD	8D	1400	153-5720
D7G	4YB	6TL	750	5R-9120
D7G	C7G	4D	1125	153-5700
D7H	2RG	8D	1500	153-5720
D7H	4AB	4D	1000	153-5700
D7H	4AB	4D	1300	153-5710
D7H LGP	4FG	8D	1400	153-5720
D7H LGP	4FG	8D	1400	153-5720
D7H LGP	4FG	8D	1500	153-5720
D7H LGP	80Z	4D	1000	153-5700
D7R	DLN	4D	1000	153-5700
D7R	DSH	4D	1125	153-5700
D7R	DSH	4D	1300	153-5710
D7R	DSH	4D	1400	153-5710

# Cat Equipment

## Medium Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
D7R II	ADW	4D	1400	153-5710
D7R II	KNA	65	880	230-6368
D7R II	KNA	31	950	115-2422 & 9X-3404
D7R II	KNA	31	950	9X-3404
D7R II	KNA	31	950	9X-3404
D7R II	KNA	31	1000	115-2422
D7R II LGP	ABJ	4D	1125	153-5700
D7R II LGP	AFG	4D	1000	153-5700
D7R II LGP	AFG	4D	1300	153-5710
D7R II LGP	AFG	4D	1400	153-5710
D7R II XR	AGN	4D	1000	153-5700
D7R II XR	AGN	4D	1125	153-5700
D7R II XR	AGN	4D	1300	153-5710
D7R II XR	AGN	4D	1400	153-5710
D7R II XR	DJT	31	950	115-2422 & 9X-3404
D7R II XR	DJT	31	950	9X-3404
D7R II XR	DJT	31	950	9X-3404
D7R II XR	DJT	31	1000	115-2422
D7R LGP	DLN	4D	1000	153-5700
D7R LGP	DLN	4D	1125	153-5700

Sales Model	S/N Prefix	BCI	CCA	Part Number
D7R LGP	DLN	4D	1300	153-5710
D7R LGP	DLN	4D	1400	153-5710
D7R XR	DJR	4D	1000	153-5700
D7R XR	DJR	4D	1300	153-5710
D7R XR	DJR	4D	1400	153-5710
D7R XR	R7C	4D	1125	153-5700
D8L	53Y	4D	1000	153-5700
D8L	53Y	6TL	750	5R-9120
D8N	7TK	31	950	115-2422 & 9X-3404
D8N	7TK	31	950	9X-3404
D8N	7TK	31	1000	115-2422
D8R	JR8	31	950	9X-3404
D8R	JR8	31	950	9X-3404
D8R	JR8	31	1000	115-2422
D8R	MEJ	31	750	3T-5760
D8R	T5X	31	950	115-2422 & 9X-3404
D8R II	AKA	31	750	3T-5760
D8R II	AKA	31	1000	115-2422
D8T	KPZ	31	750	3T-5760
D8T	KPZ	31	950	115-2422 & 9X-3404
D8T	KPZ	31	950	9X-3404
D8T	MLN	31	950	9X-3404
D8T	MLN	31	1000	115-2422

## Medium Wheel Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
936F	9MK	31	750	3T-5760
936F	9MK	31	950	115-2422 & 9X-3404
936F	9MK	31	950	9X-3404
936F	9MK	31	1000	115-2422
936F	9MK	4D	1125	153-5700
950 GC	M5K	31	950	115-2422 & 9X-3404
950 GC	M5K	31	950	9X-3404
950 GC	M5K	31	950	9X-3404
950 GC	M5K	31	1000	115-2422
950 GC	M5T	4D	1400	153-5710
950E	22Z	4D	1000	153-5700
950F II	6LL	4D	1000	153-5700

Sales Model	S/N Prefix	BCI	CCA	Part Number
950G	2JS	31	1000	115-2422
950G II	AYB	4D	1400	153-5710
950H	M1G	31	950	115-2422 & 9X-3404
950H	M1G	31	950	9X-3404
950H	M1G	31	950	9X-3404
950H	M1G	31	1000	115-2422
950H	M1G	4D	1400	153-5710
950K	R4A	4D	1400	153-5710
950L	LXX	4D	1400	153-5710
950M	EMB	4D	1400	153-5710
960F	6XL	31	950	115-2422 & 9X-3404
962G II	AYE	4D	1400	153-5710
962H	K6K	31	950	115-2422 & 9X-3404

## Medium Wheel Loaders (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
962H	K6K	31	950	9X-3404
962H	K6K	31	950	9X-3404
962H	K6K	31	1000	115-2422
962H	K6K	4D	1400	153-5710
962H OEM	L5S	31	950	115-2422 & 9X-3404
962H OEM	L5S	31	950	9X-3404
962H OEM	L5S	31	950	9X-3404
962H OEM	L5S	31	1000	115-2422
962H OEM	L5S	4D	1400	153-5710
962K	FLL	4D	1400	153-5710
962L	MTN	4D	1400	153-5710
962M	F2T	4D	1400	153-5710
966E	6ZC	8D	1500	153-5720
966F II	4YG	6TL	750	5R-9120
966G II	ANT	4D	1400	153-5710
966H	A6D	31	950	115-2422 & 9X-3404
966H	A6D	31	950	9X-3404
966H	A6D	31	950	9X-3404
966H	A6D	31	1000	115-2422
966H	BS6	4D	1400	153-5710
966H OEM	CYR	31	950	115-2422 & 9X-3404
966H OEM	CYR	31	950	9X-3404
966H OEM	CYR	31	950	9X-3404
966H OEM	CYR	31	1000	115-2422
966K	TFS	4D	1400	153-5710
966K XE	NGX	4D	1400	153-5710
966L	FRS	4D	1400	153-5710
966M	R8D	4D	1400	153-5710
966M XE	P6C	4D	1400	153-5710
972G	6AW	31	950	9X-3404
972G II	ANY	31	950	9X-3404
972G II	ANY	4D	1400	153-5710
972H	A7J	31	950	115-2422 & 9X-3404
972H	A7J	31	950	9X-3404
972H	A7J	31	950	9X-3404
972H	A7J	31	1000	115-2422
972H	A7J	4D	1400	153-5710
972K	Z4W	4D	1400	153-5710
972L	RFB	4D	1400	153-5710
972M	GGN	4D	1400	153-5710
972M XE	EDW	4D	1400	153-5710
980C	2XD	4D	1000	153-5700
980C	2XD	4D	1125	153-5700
980C	2XD	8D	1500	153-5720
980F	4RN	4D	1000	9X-9721
980G	2KR	6TL	750	5R-9120
980G II	AWH	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
980G II	AWH	31	950	9X-3404
980H	JMS	31	950	115-2422 & 9X-3404
980H	JMS	31	950	9X-3404
980H	JMS	31	950	9X-3404
980H	PF8	31	1000	115-2422
980H II	MKP	31	950	115-2422 & 9X-3404
980H II	MKP	31	950	9X-3404
980H II	MKP	31	950	9X-3404
980H II	MKP	31	1000	115-2422
980H OEM	P8B	31	950	115-2422 & 9X-3404
980H OEM	P8B	31	950	9X-3404
980H OEM	P8B	31	950	9X-3404
980H OEM	P8B	31	1000	115-2422
980K	W7K	31	950	115-2422 & 9X-3404
980K	W7K	31	950	9X-3404
980K	W7K	31	950	9X-3404
980K	W7K	31	1000	115-2422
980K	W7K	4D	1400	153-5710
980K OEM	NEP	31	950	115-2422 & 9X-3404
980K OEM	NEP	31	950	9X-3404
980K OEM	NEP	31	950	9X-3404
980K OEM	NEP	31	1000	115-2422
980K OEM	NEP	4D	1400	153-5710
980L	D8Z	4D	1400	153-5710
980M	MGD	31	950	9X-3404
980M	MGD	31	1000	115-2422
980M	MGD	4D	1400	153-5710
980M	N8T	31	950	115-2422 & 9X-3404
980M	N8T	31	950	9X-3404
982M	K1Y	31	950	115-2422 & 9X-3404
982M	K1Y	31	950	9X-3404
982M	K1Y	31	950	9X-3404
982M	K1Y	4D	1400	153-5710
982M	LRS	31	1000	115-2422
IT62H	M5G	31	950	115-2422 & 9X-3404
IT62H	M5G	31	950	9X-3404
IT62H	M5G	31	950	9X-3404
IT62H	M5G	31	1000	115-2422
IT62H	M5G	4D	1400	153-5710
LH85	TLA	31	950	115-2422 & 9X-3404
LH85	TLA	31	950	9X-3404
LH85	TLA	31	950	9X-3404
LH85	TLA	31	1000	115-2422
LH90	TLB	31	750	3T-5760
LH90	TLB	31	950	115-2422 & 9X-3404
LH90	TLB	31	950	9X-3404
LH90	TLB	31	950	9X-3404
LH90	TLB	31	1000	115-2422

# Cat Equipment

## Mini Hydraulic Excavators

Sales Model	S/N Prefix	BCI	CCA	Part Number
300.9D	LJ2	C11	270	369-9955
300.9D VPS	DW2	C11	270	369-9955
301.4C	LJK	T4	360	369-9956
301.7D	LJH	T4	360	369-9956
301.7D CR	LJD	C11	270	369-9955
302.4D	LJN	T4	360	369-9956
302.7D	LJ7	T4	360	369-9956
303.5E 2	JWY	24	650	153-5656
303.5E 2 CR	CR9	24	650	153-5656
303.5E 2CR	DWD	24	650	153-5656
303.5E CR	RKY	24	650	153-5656
303E	SMG	24	650	153-5656
303E CR	CR7	24	650	153-5656
304.5E 2 XTC	FXT	24	650	153-5656
304E 2	ME4	24	650	153-5656
304E 2 CR	GC5	24	650	153-5656
304E 2CR	KC4	24	650	153-5656
304E CR	SSC	24	650	153-5656
305.5E	MX5	31	950	115-2422 & 9X-3404
305.5E	MX5	31	950	9X-3404
305.5E	MX5	31	950	9X-3404
305.5E	MX5	31	1000	115-2422
305.5E 2	CR5	24	650	153-5656
305.5E 2	WE2	31	950	115-2422 & 9X-3404
305.5E 2	WE2	31	950	9X-3404
305.5E 2 CR	NC5	24	650	153-5656
305.5E 2CR	SHW	24	650	153-5656
305.5E CR	YGB	24	650	153-5656
305E 2	H5M	24	650	153-5656
305E 2 CR	DJX	24	650	153-5656
305E 2CR	PYR	24	650	153-5656
305E CR	XFA	24	650	153-5656

Sales Model	S/N Prefix	BCI	CCA	Part Number
306	MXH	24	650	153-5656
306	MXH	24	650	153-5656
306E	FHL	31	950	115-2422 & 9X-3404
306E	FHL	31	950	9X-3404
306E	FHL	31	950	9X-3404
306E	FHL	31	1000	115-2422
306E 2	E2W	31	950	115-2422 & 9X-3404
306E 2	E2W	31	950	9X-3404
306E 2	E2W	31	950	9X-3404
306E 2	E2W	31	1000	115-2422
307E	H1Y	65	880	230-6368
307E	H1Y	31	950	115-2422 & 9X-3404
307E	H1Y	31	950	9X-3404
307E	H1Y	31	950	9X-3404
307E	H1Y	31	1000	115-2422
307E 2	CE2	24	650	153-5656
307E 2	CE2	31	950	115-2422 & 9X-3404
307E 2	KC9	31	950	9X-3404
307E 2	KC9	31	950	9X-3404
307E 2	KC9	31	1000	115-2422
308E	TAZ	31	950	115-2422 & 9X-3404
308E	TAZ	31	950	9X-3404
308E	TAZ	31	950	9X-3404
308E	TAZ	31	1000	115-2422
308E 2	F8C	31	950	115-2422 & 9X-3404
308E 2	F8C	31	950	9X-3404
308E 2	F8C	31	950	9X-3404
308E 2	F8C	31	1000	115-2422
308E 2 CR	YE2	65	880	230-6368
308E 2 OEM	RM4	65	880	230-6368
308E 2CR	MY2	65	880	230-6368
308E 2SR	TM2	65	880	230-6368
308E CR	JSN	65	880	230-6368

## Generators/Captive

Sales Model	S/N Prefix	BCI	CCA	Part Number
C18	JKS	4D	1125	153-5700
C32	TG7	4D	1000	153-5700

## Motor Graders

Sales Model	S/N Prefix	BCI	CCA	Part Number
112E	24H	4D	1000	153-5700
112E	24H	4D	1000	153-5700
112E	24H	4D	1125	153-5700
112E	24H	4D	1300	153-5710
112E	24H	2	780	8C-3629
112E	24H	2	780	8C-3629
112E	24H	2	780	8C-3629
120	E94	4D	1125	153-5700
120	E94	4D	1400	153-5710
120 AWD	E93	31	950	115-2422 & 9X-3404
120 AWD	E93	31	950	9X-3404
120 AWD	E93	31	950	9X-3404
120 AWD	E93	31	1000	115-2422
120 AWD	Y9D	4D	1125	153-5700
120 AWD	Y9D	4D	1400	153-5710
120G	4HD	31	750	3T-5760
120G	4HD	31	950	115-2422 & 9X-3404
120G	4HD	4D	1000	153-5700
120G	4HD	4D	1000	153-5700
120G	4HD	4D	1125	153-5700
120G	4HD	2	780	8C-3629
120G	4HD	2	780	8C-3629
120G	4HD	2	780	8C-3629
120G	4HD	2	780	8C-3629
120H	2AN	4D	1000	153-5700
120H	2AN	4D	1000	9X-9721
120H	CAF	31	750	3T-5760
120H	CAF	4D	1125	153-5700
120K	JAP	31	750	3T-5760
120K	JAP	4D	1125	153-5700
120K	JAP	4D	1400	153-5710
120K 2 OEM	SZZ	31	750	3T-5760
120K 3	E9H	31	950	9X-3404
120K 3	E9H	31	1000	115-2422
120K 3	N9H	4D	1125	153-5700
120K Series 2	SZS	31	750	3T-5760
120K Series 2	SZS	4D	1400	153-5710
120M	B9C	65	880	230-6368
120M	PJB	4D	1300	153-5710
120M	R9C	4D	1125	153-5700
120M	R9C	4D	1400	153-5710
120M 2	M9H	65	880	230-6368
120M 2	M9H	4D	1125	153-5700
120M 2	M9H	4D	1400	153-5710
120M 2 OEM	M92	4D	1400	153-5710
12G	3WC	31	750	3T-5760
12G	3WC	31	950	115-2422 & 9X-3404
12G	3WC	4D	1000	153-5700

Sales Model	S/N Prefix	BCI	CCA	Part Number
12G	3WC	4D	1000	153-5700
12G	3WC	4D	1000	9X-9721
12G	3WC	4D	1125	153-5700
12G	3WC	2	780	8C-3629
12G	3WC	2	780	8C-3629
12G	3WC	2	780	8C-3629
12G	3WC	2	780	8C-3629
12H	2GS	4D	1000	153-5700
12H	4ER	4D	1000	9X-9721
12H	4ER	4D	1300	153-5710
12H	4ER	4D	1300	9X-9731
12H	4ER	4D	1400	153-5710
12H	CBK	31	750	3T-5760
12H	CBK	4D	1125	153-5700
12K	JJA	31	750	3T-5760
12K	JJA	4D	1125	153-5700
12K	JJA	4D	1400	153-5710
12M	B9R	65	880	230-6368
12M	B9R	4D	1125	153-5700
12M	B9R	4D	1400	153-5710
12M 2	F9B	4D	1400	153-5710
12M 2	R9R	65	880	230-6368
12M 2	R9R	4D	1125	153-5700
12M 3	N9F	4D	1125	153-5700
12M 3	N9F	4D	1400	153-5710
130G	74V	31	750	3T-5760
130G	74V	31	950	115-2422 & 9X-3404
130G	74V	4D	1000	153-5700
130G	74V	4D	1000	153-5700
130G	74V	4D	1125	153-5700
130G	74V	6TL	750	5R-9120
135H	AMX	31	750	3T-5760
135H	AMX	4D	1125	153-5700
140G	50H	31	750	3T-5760
140G	50H	31	950	115-2422 & 9X-3404
140G	50H	4D	1000	153-5700
140G	50H	4D	1000	153-5700
140G	50H	4D	1000	9X-9721
140G	50H	4D	1125	153-5700
140G	50H	2	780	8C-3629
140G	50H	2	780	8C-3629
140G	50H	2	780	8C-3629
140G	50H	2	780	8C-3629
140H	5HM	4D	1000	9X-9721
140H	9ZN	4D	1000	153-5700
140H	CCA	31	750	3T-5760
140H	CCA	4D	1125	153-5700
140H	CCA	4D	1300	153-5710

# Cat Equipment

## Motor Graders (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
140H	CCA	4D	1300	9X-9731
140H	CCA	4D	1400	153-5710
140K	JPA	31	750	3T-5760
140K	JPA	4D	1125	153-5700
140K	JPA	4D	1400	153-5710
140K 2	SZW	31	750	3T-5760
140K 2	SZW	4D	1400	153-5710
140M	B9D	65	880	230-6368
140M	B9D	4D	1125	153-5700
140M	D9G	4D	1400	153-5710
140M 2	M9D	65	880	230-6368
140M 2	M9D	4D	1125	153-5700
140M 2	M9D	4D	1400	153-5710
140M 3	N9D	4D	1125	153-5700
140M 3	N9D	4D	1400	153-5710
143H	1AL	4D	1000	153-5700
143H	1AL	4D	1000	9X-9721
143H	APN	31	750	3T-5760
143H	APN	4D	1125	153-5700
143H	APN	4D	1300	153-5710
143H	APN	4D	1300	9X-9731
143H	APN	4D	1400	153-5710
14G	96U	4D	1000	153-5700
14G	96U	4D	1000	153-5700
14G	96U	4D	1000	9X-9721
14G	96U	4D	1125	153-5700
14G	96U	2	780	8C-3629
14G	96U	2	780	8C-3629
14G	96U	2	780	8C-3629
14G	96U	2	780	8C-3629
14H	7WJ	4D	1000	153-5700
14H	7WJ	4D	1000	9X-9721
14H	ASE	4D	1125	153-5700
14H	ASE	4D	1300	153-5710
14H	ASE	4D	1300	9X-9731
14H	ASE	4D	1400	153-5710
14L	B94	4D	1125	153-5700
14M	R9J	4D	1125	153-5700
14M	R9J	4D	1400	153-5710
14M 3	E9S	4D	1400	153-5710
14M 3	N9S	4D	1125	153-5700
160H	9EJ	4D	1000	153-5700
160H	9EJ	4D	1000	9X-9721

Sales Model	S/N Prefix	BCI	CCA	Part Number
160H	ASD	31	750	3T-5760
160H	ASD	4D	1125	153-5700
160H	ASD	4D	1300	153-5710
160H	ASD	4D	1300	9X-9731
160H	ASD	4D	1400	153-5710
160K	JBP	31	750	3T-5760
160K	JBP	4D	1125	153-5700
160K	JBP	4D	1400	153-5710
160M	B9E	65	880	230-6368
160M	B9E	4D	1125	153-5700
160M	D9T	4D	1400	153-5710
160M 2	R9T	65	880	230-6368
160M 2	R9T	4D	1125	153-5700
160M 2	R9T	4D	1400	153-5710
160M 3	N9L	4D	1125	153-5700
160M 3	N9T	4D	1400	153-5710
163H	5AK	31	750	3T-5760
163H	5AK	4D	1000	153-5700
163H	5AK	4D	1000	9X-9721
163H	ARL	4D	1125	153-5700
163H	ARL	4D	1300	153-5710
163H	ARL	4D	1300	9X-9731
163H	ARL	4D	1400	153-5710
16G	93U	4D	1300	153-5710
16G	93U	4D	1300	9X-9731
16G	93U	8D	1400	153-5720
16G	93U	8D	1400	153-5720
16G	93U	4D	1400	153-5710
16G	93U	8D	1500	153-5720
16H	6ZJ	4D	970	152-8006
16H	ATS	4D	1300	153-5710
16H	ATS	4D	1300	9X-9731
16H	ATS	4D	1400	153-5710
16M	B9H	4D	1400	153-5710
16M 3	N9Y	4D	1400	153-5710
18M 3	E9W	4D	1400	153-5710
24H	7KK	4D	970	152-8006
24H	7KK	4D	1300	153-5710
24H	7KK	4D	1300	9X-9731
24H	7KK	4D	1400	153-5710
24M	B9K	4D	1300	153-5710
24M	B9K	8D	1500	153-5720
24N	N9Z	4D	1400	153-5710

## Paving

Sales Model	S/N Prefix	BCI	CCA	Part Number
30/30	9XW	31	950	115-2422 & 9X-3404
30/30	9XW	31	950	9X-3404
30/30	9XW	31	950	9X-3404
30/30	9XW	31	1000	115-2422
30/30	9XW	4D	1300	153-5710
30/30	9XW	4D	1300	9X-9731
30/30	9XW	4D	1400	153-5710
AP-1000	1HD	4D	1000	153-5700
AP-1000	1HD	4D	1000	9X-9721
AP-1000	1HD	4D	1125	153-5700
AP-1000B	7HN	31	950	115-2422 & 9X-3404
AP-1000B	7HN	31	950	9X-3404
AP-1000B	7HN	31	1000	115-2422
AP-1000B	AGP	31	750	3T-5760
AP-1000B	AGP	31	950	9X-3404
AP-1000D	EAD	4D	1400	153-5710
AP1000E	DKH	4D	1400	153-5710
AP1000F	AC4	4D	1400	153-5710
AP-1050B	6ZN	31	750	3T-5760
AP-1050B	6ZN	31	950	115-2422 & 9X-3404
AP-1050B	6ZN	31	950	9X-3404
AP-1050B	6ZN	31	950	9X-3404
AP-1050B	6ZN	31	1000	115-2422
AP-1055B	ABB	31	950	115-2422 & 9X-3404
AP-1055B	AGB	31	1000	115-2422
AP-1055D	A6P	4D	1400	153-5710
AP1055E	TJF	4D	1400	153-5710
AP1055F	RLM	4D	1400	153-5710
AP-200B	2NK	31	750	3T-5760
AP-200B	2NK	31	950	115-2422 & 9X-3404
AP-200B	2NK	31	950	9X-3404
AP-200B	2NK	31	950	9X-3404
AP-200B	2NK	31	1000	115-2422
AP255E	D8A	31	750	3T-5760
AP-300	B2Y	4D	1400	153-5710
AP300D	TEN	4D	1400	153-5710
AP300F	WHY	31	950	115-2422 & 9X-3404
AP300F	WHY	31	950	9X-3404
AP355F	NED	31	1000	115-2422
AP355F	NTT	31	950	115-2422 & 9X-3404
AP355F	NTT	31	950	9X-3404
AP355F	NTT	31	950	9X-3404
AP-500E	JWK	31	950	115-2422 & 9X-3404
AP-500E	JWK	31	950	9X-3404
AP-500E	JWK	31	950	9X-3404
AP-500E	JWK	31	1000	115-2422
AP500F	449	31	950	9X-3404
AP500F	503	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
AP500F	503	31	950	9X-3404
AP500F	503	31	1000	115-2422
AP-555E	A5D	31	950	115-2422 & 9X-3404
AP-555E	A5D	31	950	9X-3404
AP-555E	A5D	31	950	9X-3404
AP-555E	A5D	31	1000	115-2422
AP555F	5F5	31	950	9X-3404
AP555F	5F5	31	950	9X-3404
AP555F	5F5	31	1000	115-2422
AP555F	AP5	31	950	115-2422 & 9X-3404
AP-600	B2S	31	750	3T-5760
AP-600D	TFZ	31	950	115-2422 & 9X-3404
AP-600D	TFZ	31	950	9X-3404
AP-600D	TFZ	31	950	9X-3404
AP-600D	TFZ	31	1000	115-2422
AP600F	AP6	31	950	115-2422 & 9X-3404
AP600F	LR6	31	950	9X-3404
AP600F	LR6	31	950	9X-3404
AP600F	LR6	31	1000	115-2422
AP-650B	9DN	31	750	3T-5760
AP-650B	9DN	31	1000	115-2422
AP-650B	A7P	31	950	115-2422 & 9X-3404
AP-650B	A7P	31	950	9X-3404
AP-650B	A7P	31	950	9X-3404
AP-655C	AYP	31	950	9X-3404
AP-655C	CDG	31	950	115-2422 & 9X-3404
AP-655C	CDG	31	950	9X-3404
AP-655C	CDG	31	1000	115-2422
AP-655D	GNZ	31	950	115-2422 & 9X-3404
AP-655D	GNZ	31	950	9X-3404
AP-655D	GNZ	31	1000	115-2422
AP-655D	MAT	31	950	9X-3404
AP655F	479	31	950	9X-3404
AP655F	ML6	31	950	115-2422 & 9X-3404
AP655F	ML6	31	950	9X-3404
AP655F	ML6	31	1000	115-2422
AP-755	B2T	31	750	3T-5760
AP-800C	1PM	31	750	3T-5760
AP-800C	1PM	31	950	115-2422 & 9X-3404
AP-800C	1PM	31	950	9X-3404
AP-800C	1PM	31	950	9X-3404
AP-800C	1PM	31	1000	115-2422
AP-800D	A5P	31	950	115-2422 & 9X-3404
AP-800D	A5P	31	950	9X-3404
AP-800D	A5P	31	950	9X-3404
AP-800D	A5P	31	1000	115-2422
AP-900B	AGJ	31	750	3T-5760
AP-900B	AGJ	31	950	115-2422 & 9X-3404



# Cat Equipment

## Paving (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
AP-900B	AGJ	31	950	9X-3404
AP-900B	AGJ	31	950	9X-3404
AP-900B	AGJ	31	1000	115-2422
BB621E	B8Z	31	750	3T-5760
BG1000E	RTT	4D	1400	153-5710
BG-2255C	CKR	31	950	115-2422 & 9X-3404
BG-2255C	CKR	31	950	9X-3404
BG-2255C	CKR	31	950	9X-3404
BG-2255C	CKR	31	1000	115-2422
BG-225C	5GN	31	750	3T-5760
BG-225C	5GN	31	950	115-2422 & 9X-3404
BG-225C	5GN	31	950	9X-3404
BG-225C	5GN	31	950	9X-3404
BG-225C	5GN	31	1000	115-2422
BG-230	9AL	31	750	3T-5760
BG-230	9AL	31	950	115-2422 & 9X-3404
BG-230	9AL	31	950	9X-3404
BG-230	9AL	31	950	9X-3404
BG-230	9AL	31	1000	115-2422
BG-230D	B4G	31	950	115-2422 & 9X-3404
BG-230D	B4G	31	950	9X-3404
BG-230D	B4G	31	950	9X-3404
BG-230D	B4G	31	1000	115-2422
BG-240B/D	7RL	4D	1000	153-5700
BG-240B/D	7RL	4D	1000	9X-9721
BG-240B/D	7RL	4D	1125	153-5700
BG-240C	AGL	31	750	3T-5760
BG-240C	AGL	31	950	115-2422 & 9X-3404
BG-240C	AGL	31	950	9X-3404
BG-240C	AGL	31	950	9X-3404
BG-240C	AGL	31	1000	115-2422
BG-2455C	ACM	31	750	3T-5760
BG-2455C	B2G	31	950	9X-3404
BG-2455C	B2G	31	950	9X-3404
BG-2455D	BNW	4D	1400	153-5710
BG-245C/C	4XN	31	750	3T-5760
BG-245C/C	4XN	31	950	115-2422 & 9X-3404
BG-245C/C	4XN	31	950	9X-3404
BG-245C/C	4XN	31	950	9X-3404
BG-245C/C	4XN	31	1000	115-2422
BG-260C/C	8GN	31	950	115-2422 & 9X-3404
BG-260C/C	8GN	31	950	9X-3404
BG-260C/C	8GN	31	1000	115-2422
BG-260C/C	BYG	31	750	3T-5760
BG-260C/C	BYG	31	950	9X-3404
BG-260D	BPW	4D	1400	153-5710
BG555E	B5P	31	950	115-2422 & 9X-3404
BG555E	B5P	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
BG555E	B5P	31	950	9X-3404
BG555E	B5P	31	1000	115-2422
BG600D	B6K	31	950	115-2422 & 9X-3404
BG600D	B6K	31	950	9X-3404
BG600D	B6K	31	950	9X-3404
BG600D	B6K	31	1000	115-2422
BG-650/C	9EK	4D	1000	153-5700
BG-650/C	9EK	4D	1000	9X-9721
BG-650/C	9EK	4D	1125	153-5700
BG-730/C	1XL	4D	1000	153-5700
BG-730/C	1XL	4D	1000	9X-9721
BG-730/C	1XL	4D	1125	153-5700
CB10	P8P	31	950	115-2422 & 9X-3404
CB10	P8P	31	950	9X-3404
CB10	P8P	31	950	9X-3404
CB10	P8P	31	1000	115-2422
CB-113	C3K	24	650	153-5656
CB-114	C2Z	24	650	153-5656
CB14	DTT	24	650	153-5656
CB2.5	R2B	65	880	230-6368
CB2.7	R52	65	880	230-6368
CB-214C	9XK	31	750	3T-5760
CB-214D	1TZ	31	750	3T-5760
CB-214E	214	24	650	153-5656
CB22	220	24	650	153-5656
CB22	220	24	675	3T-5857
CB-224C	3AL	31	750	3T-5760
CB-224D	8RZ	31	750	3T-5760
CB-224E	224	24	650	153-5656
CB-224E	224	24	675	3T-5857
CB-225D	9FZ	31	750	3T-5760
CB-225E	225	24	650	153-5656
CB22B	2B2	65	880	230-6368
CB22B LRC	466	65	880	230-6368
CB24 XT	240	24	650	153-5656
CB24 XT	240	24	675	3T-5857
CB24B	J2T	65	880	230-6368
CB32	320	24	650	153-5656
CB32B	422	65	880	230-6368
CB32B LRC	469	65	880	230-6368
CB-334D	3JZ	31	750	3T-5760
CB-334E	C4F	31	750	3T-5760
CB-334E XW	C4X	31	750	3T-5760
CB-334EII	C3A	31	750	3T-5760
CB-334EII	C3E	24	650	153-5656
CB-335D	5PZ	31	750	3T-5760
CB-335E	C5F	31	750	3T-5760
CB-335EII	C3C	31	750	3T-5760



## Paving (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
CB-335EII	C3F	24	650	153-5656
CB34	347	31	750	3T-5760
CB34B	XB4	65	880	230-6368
CB34B LRC	470	65	880	230-6368
CB34B XW	425	65	880	230-6368
CB36B	M36	65	880	230-6368
CB-434B	6AL	31	750	3T-5760
CB-434C	4DN	31	750	3T-5760
CB-434D	CNH	31	750	3T-5760
CB-434D	CNH	31	950	115-2422 & 9X-3404
CB-434D	CNH	31	950	9X-3404
CB-434D	CNH	31	950	9X-3404
CB-434D	CNH	31	1000	115-2422
CB-444D	C6B	31	950	115-2422 & 9X-3404
CB-444D	C6B	31	950	9X-3404
CB-444D	C6B	31	950	9X-3404
CB-444D	C6B	31	1000	115-2422
CB44B	JXL	31	950	115-2422 & 9X-3404
CB44B	JXL	31	950	9X-3404
CB44B	JXL	31	1000	115-2422
CB44B	TWC	31	950	9X-3404
CB46B HRC	JC4	31	950	115-2422 & 9X-3404
CB46B HRC	JC4	31	950	9X-3404
CB46B HRC	JC4	31	950	9X-3404
CB46B HRC	JC4	31	1000	115-2422
CB-525B	1NL	31	750	3T-5760
CB-534	2EG	31	950	115-2422 & 9X-3404
CB-534B	5RN	31	750	3T-5760
CB-534B	5RN	31	950	115-2422 & 9X-3404
CB-534B	5RN	31	950	9X-3404
CB-534B	5RN	31	950	9X-3404
CB-534B	5RN	31	1000	115-2422
CB-534C	1WS	31	750	3T-5760
CB-534C	1WS	31	950	115-2422 & 9X-3404
CB-534C	1WS	31	950	9X-3404
CB-534C	1WS	31	950	9X-3404
CB-534C	1WS	31	1000	115-2422
CB-534D	C8M	31	950	115-2422 & 9X-3404
CB-534D	C8M	31	950	9X-3404
CB-534D	C8M	31	1000	115-2422
CB-534D	FEA	31	950	9X-3404
CB-534D XW	FEA	31	950	115-2422 & 9X-3404
CB-534D XW	FEA	31	950	9X-3404
CB-534D XW	FEA	31	950	9X-3404
CB-534D XW	FEA	31	1000	115-2422
CB-535B	3AR	31	750	3T-5760
CB54	JLM	31	950	115-2422 & 9X-3404
CB54	JLM	31	950	9X-3404
CB54	JLM	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
CB54	JLM	31	1000	115-2422
CB-544	8FM	31	750	3T-5760
CB-544D	C3B	31	950	115-2422 & 9X-3404
CB-544D	C3B	31	950	9X-3404
CB-544D	C3B	31	950	9X-3404
CB-544D	C3B	31	1000	115-2422
CB-545	2FS	31	750	3T-5760
CB54B	RJN	31	950	9X-3404
CB54B	S4P	31	950	115-2422 & 9X-3404
CB54B	S4P	31	950	9X-3404
CB54B	S4P	31	1000	115-2422
CB-564D	D4M	31	950	115-2422 & 9X-3404
CB-564D	D4M	31	950	9X-3404
CB-564D	D4M	31	950	9X-3404
CB-564D	D4M	31	1000	115-2422
CB-634	5CL	31	750	3T-5760
CB-634C	3BR	31	750	3T-5760
CB-634D	CDF	31	750	3T-5760
CB64	DJM	31	950	115-2422 & 9X-3404
CB64	DJM	31	950	9X-3404
CB64	DJM	31	950	9X-3404
CB64	DJM	31	1000	115-2422
CB64B	476	31	950	115-2422 & 9X-3404
CB64B	477	31	950	9X-3404
CB64B	477	31	950	9X-3404
CB64B	477	31	1000	115-2422
CB66B	475	31	950	115-2422 & 9X-3404
CB66B	475	31	950	9X-3404
CB66B	B66	31	950	9X-3404
CB66B	B66	31	1000	115-2422
CB68B	496	31	950	115-2422 & 9X-3404
CB68B	496	31	950	9X-3404
CB68B	496	31	1000	115-2422
CB68B	C68	31	950	9X-3404
CB7	EL5	31	950	115-2422 & 9X-3404
CB7	EL5	31	950	9X-3404
CB7	EL5	31	950	9X-3404
CBR2.6	R2B	65	880	230-6368
CBR2.7	R52	65	880	230-6368
CC24	241	24	650	153-5656
CC24B	C24	65	880	230-6368
CC34	346	31	750	3T-5760
CC34B	CC3	65	880	230-6368
CC34B LRC	471	65	880	230-6368
CCS7	4B2	31	950	115-2422 & 9X-3404
CCS7	4B2	31	950	9X-3404
CCS7	4B2	31	950	9X-3404
CCS7	4B2	31	1000	115-2422
CCS9	C52	31	750	3T-5760

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## Paving (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
CD10	J6B	31	950	115-2422 & 9X-3404
CD10	J6B	31	950	9X-3404
CD10	J6B	31	950	9X-3404
CD10	J6B	31	1000	115-2422
CD44B	398	31	950	115-2422 & 9X-3404
CD44B	398	31	950	9X-3404
CD44B	398	31	950	9X-3404
CD44B	398	31	1000	115-2422
CD54	J5R	31	950	115-2422 & 9X-3404
CD54	J5R	31	950	9X-3404
CD54	J5R	31	950	9X-3404
CD54	J5R	31	1000	115-2422
CD54B	GRT	31	950	115-2422 & 9X-3404
CD54B	GRT	31	950	9X-3404
CD54B	GRT	31	950	9X-3404
CD54B	GRT	31	1000	115-2422
CP-323	6JD	31	750	3T-5760
CP-323	6JD	31	950	115-2422 & 9X-3404
CP-323C	EAS	31	750	3T-5760
CP34	515	31	750	3T-5760
CP34	515	31	950	115-2422 & 9X-3404
CP34	515	31	950	9X-3404
CP34	515	31	950	9X-3404
CP34	515	31	1000	115-2422
CP-433C	1ZN	31	750	3T-5760
CP-433E	CFK	31	750	3T-5760
CP44	M4P	31	750	3T-5760
CP44B	GTT	31	750	3T-5760
CP44B	GTT	31	950	115-2422 & 9X-3404
CP44B	GTT	31	950	9X-3404
CP44B	GTT	31	950	9X-3404
CP44B	GTT	31	1000	115-2422
CP-533	5AL	31	750	3T-5760
CP-533C	3XN	31	750	3T-5760
CP-533D	AFC	31	750	3T-5760
CP-533D	AFC	31	950	115-2422 & 9X-3404
CP-533D	AFC	31	950	9X-3404
CP-533D	AFC	31	950	9X-3404
CP-533D	AFC	31	1000	115-2422
CP-533E	TLH	31	750	3T-5760
CP54	C5Y	31	750	3T-5760
CP54B	ALL	31	750	3T-5760
CP56	FCP	31	750	3T-5760
CP-563	5AJ	31	750	3T-5760
CP-563C	5JN	31	750	3T-5760
CP-563D	5LZ	31	750	3T-5760
CP-563D	5LZ	31	950	115-2422 & 9X-3404
CP-563D	5LZ	31	950	9X-3404
CP-563D	5LZ	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
CP-563D	5LZ	31	1000	115-2422
CP-563E	CNT	31	750	3T-5760
CP56B	M5P	31	750	3T-5760
CP-573E	ASZ	31	750	3T-5760
CP64	C6P	31	750	3T-5760
CP-663E	AFL	31	750	3T-5760
CP74	P8F	31	750	3T-5760
CP74B	L7B	31	750	3T-5760
CP76	JCP	31	750	3T-5760
CS-323	1TM	31	750	3T-5760
CS-323	1TM	31	950	115-2422 & 9X-3404
CS-323C	DAR	31	750	3T-5760
CS34	514	31	750	3T-5760
CS34	514	31	950	115-2422 & 9X-3404
CS34	514	31	950	9X-3404
CS34	514	31	950	9X-3404
CS34	514	31	1000	115-2422
CS-423E	DCL	31	750	3T-5760
CS-431C	9XL	31	750	3T-5760
CS-433C	1FS	31	950	9X-3404
CS-433C	1XZ	31	950	9X-3404
CS-433C	1XZ	31	1000	115-2422
CS-433C	5BZ	31	750	3T-5760
CS-433C	5BZ	31	950	115-2422 & 9X-3404
CS-433E	ASR	31	750	3T-5760
CS-433E OEM	DCP	31	750	3T-5760
CS44	M4C	31	750	3T-5760
CS44B	RGE	31	950	115-2422 & 9X-3404
CS44B	RGE	31	950	9X-3404
CS44B	RGE	31	950	9X-3404
CS44B	RGE	31	1000	115-2422
CS-531	4KM	31	750	3T-5760
CS-531C	5ZN	31	750	3T-5760
CS-531D	4MZ	31	750	3T-5760
CS-531D	4MZ	31	950	115-2422 & 9X-3404
CS-531D	4MZ	31	950	9X-3404
CS-531D	4MZ	31	950	9X-3404
CS-531D	4MZ	31	1000	115-2422
CS-533	4HL	31	750	3T-5760
CS-533C	2XN	31	750	3T-5760
CS-533D	AET	31	750	3T-5760
CS-533D	AET	31	950	115-2422 & 9X-3404
CS-533D	AET	31	950	9X-3404
CS-533D	AET	31	950	9X-3404
CS-533D	AET	31	1000	115-2422
CS-533E	DAK	31	750	3T-5760
CS54	C5R	31	750	3T-5760
CS54B	L4H	31	750	3T-5760

## Paving (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
CS56	FCS	31	750	3T-5760
CS-563	7GG	31	750	3T-5760
CS-563C	4LN	31	750	3T-5760
CS-563D	2RZ	31	750	3T-5760
CS-563D	2RZ	31	950	115-2422 & 9X-3404
CS-563D	2RZ	31	950	9X-3404
CS-563D	2RZ	31	950	9X-3404
CS-563D	2RZ	31	1000	115-2422
CS-563E	ASA	31	750	3T-5760
CS-563E OEM	PAH	31	750	3T-5760
CS56B	M4M	31	750	3T-5760
CS-573	8PK	31	750	3T-5760
CS-573C	6LN	31	750	3T-5760
CS-573D	CMK	31	750	3T-5760
CS-573D	CMK	31	950	115-2422 & 9X-3404
CS-573D	CMK	31	950	9X-3404
CS-573D	CMK	31	950	9X-3404
CS-573D	CMK	31	1000	115-2422
CS-573E	CNN	31	750	3T-5760
CS-583	8YJ	31	750	3T-5760
CS-583C	7MN	31	750	3T-5760
CS-583D	2CZ	31	750	3T-5760
CS-583D	2CZ	31	950	115-2422 & 9X-3404
CS-583D	2CZ	31	950	9X-3404
CS-583D	2CZ	31	950	9X-3404
CS-583D	2CZ	31	1000	115-2422
CS-583E	CNX	31	750	3T-5760
CS64	C7F	31	750	3T-5760
CS64 OEM	WSW	31	750	3T-5760
CS64B	C64	31	750	3T-5760
CS-663E	DAG	31	750	3T-5760
CS66B	487	31	750	3T-5760
CS-683E	AGR	31	750	3T-5760
CS68B	MBF	31	750	3T-5760
CS74	C8F	31	750	3T-5760
CS74B	E7E	31	750	3T-5760
CS76	JCS	31	750	3T-5760
CS76B	L9H	31	750	3T-5760
CS78B	493	31	750	3T-5760
CS79B	C79	31	750	3T-5760
CW14	LTJ	31	750	3T-5760
CW16	N6J	31	750	3T-5760
CW16	N6J	31	950	9X-3404
CW16	TL5	31	950	115-2422 & 9X-3404
CW16	TL5	31	950	9X-3404
CW16	TL5	31	1000	115-2422
CW34	J3H	31	750	3T-5760
CW34 LRC	J3H	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
DEUCE	7RR	31	950	115-2422 & 9X-3404
DEUCE	7RR	31	950	9X-3404
DEUCE	7RR	31	950	9X-3404
DEUCE	7RR	31	1000	115-2422
DEUCE	7RR	4D	1300	103-6061
DEUCE	7RR	4D	1300	153-5710
DEUCE	7RR	4D	1300	9X-9731
DEUCE	7RR	4D	1400	153-5710
PF-290	1XW	31	750	3T-5760
PF-300	7WD	31	750	3T-5760
PF-300B	6HM	31	750	3T-5760
PF-300C	PFB	31	750	3T-5760
PM-102	Z2X	31	750	3T-5760
PM-200	P1C	4D	1300	153-5710
PM-200	P1C	4D	1300	9X-9731
PM-200	P1C	4D	1400	153-5710
PM-201	PNM	8D	1500	153-5720
PM310 HRC	NMA	4D	1400	153-5710
PM310 LRC	KWA	4D	1400	153-5710
PM312 HRC	NJ9	4D	1400	153-5710
PM313 HRC	JH9	4D	1400	153-5710
PM-465	5ZS	4D	1300	153-5710
PM-465	5ZS	4D	1300	9X-9731
PM-465	5ZS	4D	1400	153-5710
PM-565	3TK	8D	1400	153-5720
PM-565	3TK	8D	1400	153-5720
PM-565	3TK	8D	1500	153-5720
PM-565B	8GS	8D	1400	153-5720
PM-565B	8GS	8D	1400	153-5720
PM-565B	8GS	8D	1500	153-5720
PM620 HRC	JB9	4D	1400	153-5710
PM620 LRC	LH9	4D	1400	153-5710
PM622 HRC	JFC	4D	1400	153-5710
PM622 LRC	JCF	4D	1400	153-5710
PM820	TLZ	4D	1400	153-5710
PM822 HRC	SL8	4D	1400	153-5710
PR-1000	5XC	8D	1400	153-5720
PR-1000	5XC	8D	1400	153-5720
PR-1000	5XC	8D	1500	153-5720
PR-450C	7PJ	8D	1400	153-5720
PR-450C	7PJ	8D	1400	153-5720
PR-450C	7PJ	8D	1500	153-5720
PR-450C	7PJ	8D	1500	153-5720
PR-750C	7CK	8D	1400	153-5720
PR-750C	7CK	8D	1400	153-5720
PS-130	7ND	27	710	8C-3601
PS-130	7ND	31	750	3T-5760
PS-150B	3XR	31	750	3T-5760
PS-150C	FPS	31	750	3T-5760
PS-180	7PD	31	750	3T-5760

# Cat Equipment

## Paving (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
PS-200B	5JR	31	750	3T-5760
PS-300	7TD	31	750	3T-5760
PS-300B	4PN	31	750	3T-5760
PS-300C	PFS	31	750	3T-5760
PS-360B	9LS	31	750	3T-5760
PS-360C	PJF	31	750	3T-5760
PS-500	7XD	31	750	3T-5760
RM-250C	AWG	4D	1000	153-5700
RM-250C	AWG	4D	1000	9X-9721
RM-250C	AWG	4D	1125	153-5700
RM-300	BWR	4D	1000	153-5700
RM-300	BWR	4D	1000	9X-9721
RM-300	BWR	4D	1125	153-5700
RM-300	BWR	4D	1400	153-5710
RM-350	5FK	4D	1000	153-5700
RM-350	5FK	4D	1000	9X-9721
RM-350	5FK	4D	1125	153-5700
RM-350B	7FS	4D	1125	153-5700
RM-350B	AXW	4D	1000	153-5700
RM-350B	AXW	4D	1000	9X-9721

Sales Model	S/N Prefix	BCI	CCA	Part Number
RM-500	ASW	4D	1000	153-5700
RM-500	ASW	4D	1000	9X-9721
RM-500	ASW	4D	1125	153-5700
RM-500	ASW	4D	1400	153-5710
RM500B	MB9	4D	1400	153-5710
RR-250	6ED	4D	1000	153-5700
RR-250	6ED	4D	1125	153-5700
RR-250B	3RR	4D	1000	153-5700
RR-250B	3RR	4D	1000	9X-9721
RR-250B	3RR	4D	1125	153-5700
SM-350	1RM	4D	1000	153-5700
SM-350	1RM	4D	1000	9X-9721
SM-350	1RM	4D	1125	153-5700
SS-250	6DD	4D	1000	153-5700
SS-250	6DD	4D	1125	153-5700
SS-250B	5GR	4D	1000	153-5700
SS-250B	5GR	4D	1000	9X-9721
SS-250B	5GR	4D	1125	153-5700

## Pipelayers

Sales Model	S/N Prefix	BCI	CCA	Part Number
561N	TAD	31	750	3T-5760
561N	TAD	31	950	115-2422 & 9X-3404
561N	TAD	31	950	9X-3404
561N	TAD	31	950	9X-3404
561N	TAD	31	1000	115-2422
561N	TAD	4D	1000	153-5700
561N	TAD	4D	1125	153-5700
572R	AAC	4D	1000	9X-9721
572R	AAC	4D	1300	153-5710
572R	AAC	4D	1300	9X-9731
572R	AAC	4D	1400	153-5710
572R II	DSC	4D	1000	153-5700
572R II	DSC	4D	1000	9X-9721
572R II	DSC	4D	1125	153-5700
572R II	DSC	4D	1300	103-6061
572R II	DSC	4D	1300	153-5710
572R II	DSC	4D	1300	9X-9731
572R II	DSC	4D	1400	153-5710
578	8HB	31	750	3T-5760
578	8HB	4D	1000	153-5700
578	8HB	4D	1125	153-5700
578	8HB	8D	1400	153-5720

Sales Model	S/N Prefix	BCI	CCA	Part Number
578	8HB	8D	1400	153-5720
578	8HB	8D	1500	153-5720
583R	2XS	31	750	3T-5760
583R	2XS	31	950	115-2422 & 9X-3404
583T	CMX	31	750	3T-5760
583T	CMX	31	950	115-2422 & 9X-3404
583T	CMX	31	950	9X-3404
583T	CMX	31	950	9X-3404
583T	CMX	31	1000	115-2422
583T	CMX	4D	1400	153-5710
587R	BXL	31	750	3T-5760
587R	BXL	31	950	115-2422 & 9X-3404
587R	BXL	31	950	9X-3404
587R	BXL	31	950	9X-3404
587R	BXL	31	1000	115-2422
587T	FAT	31	950	115-2422 & 9X-3404
587T	FAT	31	950	9X-3404
587T	FAT	31	950	9X-3404
587T	FAT	31	1000	115-2422
589	31Z	4D	1000	153-5700
589	31Z	4D	1000	153-5700
589	31Z	4D	1000	9X-9721

## Pipelayers (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
589	31Z	4D	1125	153-5700
589	31Z	4D	1300	103-6061
589	31Z	4D	1300	153-5710
PL61	S3H	31	950	9X-3404
PL61	S3H	31	950	9X-3404
PL61	S3H	31	1000	115-2422
PL61	WGS	31	950	115-2422 & 9X-3404
PL72	P72	31	950	9X-3404
PL72	P72	31	950	9X-3404
PL72	P73	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
PL72	P73	31	1000	115-2422
PL83	CB2	31	950	9X-3404
PL83	CB2	31	950	9X-3404
PL83	CB2	31	1000	115-2422
PL83	KSD	31	950	115-2422 & 9X-3404
PL87	KKJ	31	950	115-2422 & 9X-3404
PL87	TEC	31	950	9X-3404
PL87	TEC	31	950	9X-3404
PL87	TEC	31	1000	115-2422

## Quarry Trucks

Sales Model	S/N Prefix	BCI	CCA	Part Number
769C	01X	4D	1000	153-5700
769C	01X	4D	1125	153-5700
769C	01X	4D	1300	153-5710
769C	01X	4D	1300	9X-9731
769C	01X	8D	1400	153-5720
769C	01X	8D	1400	153-5720
769C	01X	4D	1400	153-5710
769C	01X	8D	1500	153-5720
769D	5SS	4D	1400	153-5710
769D	BBB	4D	1300	153-5710
769D	BBB	4D	1300	9X-9731
770	BZZ	4D	1400	153-5710
770G	ECM	31	950	9X-3404
770G	ECM	4D	1300	153-5710
770G	KDH	31	950	115-2422 & 9X-3404
770G	KDH	31	950	9X-3404
770G	KDH	31	1000	115-2422
770G	KDH	4D	1400	153-5710
770G OEM	RMA	4D	1400	153-5710
770G OEM	TWA	31	950	115-2422 & 9X-3404
770G OEM	TWA	31	950	9X-3404
770G OEM	TWA	31	950	9X-3404
770G OEM	TWA	31	1000	115-2422
770G OEM	TWA	4D	1300	153-5710
771C	3BJ	4D	1300	153-5710
771C	3BJ	4D	1300	9X-9731
771C	3BJ	8D	1400	153-5720
771C	3BJ	8D	1400	153-5720
771C	3BJ	8D	1400	153-5720
771C	3BJ	4D	1400	153-5710
771C	3BJ	8D	1500	153-5720
771D	6YS	4D	1300	153-5710
771D	6YS	4D	1300	9X-9731

Sales Model	S/N Prefix	BCI	CCA	Part Number
771D	BCA	4D	1400	153-5710
772	RLB	4D	1400	153-5710
772B	64W	4D	1000	153-5700
772B	64W	4D	1000	153-5700
772B	64W	4D	1125	153-5700
772B	64W	8D	1400	153-5720
772B	64W	8D	1400	153-5720
772B	64W	8D	1500	153-5720
772G	KEX	31	950	9X-3404
772G	LTX	31	950	115-2422 & 9X-3404
772G	LTX	31	950	9X-3404
772G	LTX	31	1000	115-2422
772G	LTX	4D	1300	153-5710
772G	LTX	4D	1400	153-5710
772G OEM	RME	4D	1400	153-5710
773	63G	24	650	153-5656
773	63G	24	650	153-5656
773	63G	8D	1400	153-5720
773	63G	8D	1400	153-5720
773	63G	8D	1500	153-5720
773B	63W	4D	1000	153-5700
773B	63W	4D	1000	153-5700
773B	63W	4D	1125	153-5700
773B	63W	4D	1300	153-5710
773B	63W	4D	1300	9X-9731
773B	63W	8D	1400	153-5720
773B	63W	8D	1400	153-5720
773B	63W	4D	1400	153-5710
773B	63W	8D	1500	153-5720
773D	7CS	4D	1300	153-5710
773D	7CS	4D	1300	153-5710
773D	7CS	4D	1400	153-5710

# Cat Equipment

## Quarry Trucks (Cont'd)

Sales Model	S/N Prefix	BCI	CCA	Part Number
773D	7ER	4D	970	152-8006
773D	NBJ	4D	1300	9X-9731
773E	KEG	4D	1300	153-5710
773E	KEG	4D	1300	9X-9731
773E	PRB	4D	1400	153-5710
773F	EED	4D	1400	153-5710
773F OEM	EXD	4D	1400	153-5710
773G OEM	T5S	4D	1400	153-5710
775B	7XJ	4D	1300	153-5710
775B	7XJ	4D	1300	9X-9731
775B	7XJ	8D	1400	153-5720
775B	7XJ	8D	1400	153-5720
775B	7XJ	4D	1400	153-5710
775B	7XJ	8D	1500	153-5720
775D	6KR	4D	970	152-8006
775D	8AS	4D	1300	153-5710
775D	8AS	4D	1300	153-5710
775D	8AS	4D	1300	9X-9731
775D	8AS	4D	1400	153-5710
775E	BEC	4D	1300	153-5710
775E	BEC	4D	1300	9X-9731
775E	BEC	4D	1400	153-5710
775E OEM	DTE	4D	1000	153-5700
775E OEM	DTE	4D	1000	9X-9721
775E OEM	DTE	4D	1125	153-5700
775F	DLS	4D	1400	153-5710
775F OEM	EYG	4D	1400	153-5710
775G	RFM	4D	1400	153-5710
775G OEM	T5F	4D	1400	153-5710
776C	2TK	4D	1000	153-5700
776C	2TK	4D	1125	153-5700
776C	2TK	4D	1300	153-5710
776C	2TK	4D	1300	9X-9731
776C	2TK	8D	1400	153-5720
776C	2TK	8D	1400	153-5720
776C	2TK	8D	1400	134-0052
776C	2TK	4D	1400	153-5710
776C	2TK	8D	1500	153-5720
776D	5ER	4D	1300	9X-9731
776D	5ER	8D	1400	153-5720
776D	5ER	8D	1400	153-5720
776D	5ER	8D	1400	134-0052

Sales Model	S/N Prefix	BCI	CCA	Part Number
776D	5ER	4D	1400	153-5710
776D	5ER	8D	1500	153-5720
776D	AFS	4D	1300	153-5710
777	84A	4D	1000	153-5700
777	84A	4D	1125	153-5700
777	84A	4D	1300	153-5710
777	84A	8D	1400	153-5720
777	84A	8D	1400	153-5720
777	84A	8D	1500	153-5720
777B	4YC	4D	1000	153-5700
777B	4YC	4D	1125	153-5700
777B	4YC	8D	1400	153-5720
777B	4YC	8D	1400	153-5720
777B	4YC	8D	1400	134-0052
777B	4YC	8D	1500	153-5720
777C	4XJ	4D	1000	153-5700
777C	4XJ	4D	1125	153-5700
777C	4XJ	4D	1300	153-5710
777C	4XJ	4D	1300	9X-9731
777C	4XJ	8D	1400	153-5720
777C	4XJ	8D	1400	153-5720
777C	4XJ	8D	1400	134-0052
777C	4XJ	4D	1400	153-5710
777C	4XJ	8D	1500	153-5720
777D	3PR	4D	1300	9X-9731
777D	3PR	4D	1400	153-5710
777D	AGC	8D	1400	153-5720
777D	AGC	8D	1400	134-0052
777D	AGC	8D	1500	153-5720
777D	FKR	4D	1300	153-5710
777D	FKR	8D	1400	153-5720
777DHA	2YW	4D	1300	153-5710
777DHA	2YW	4D	1300	9X-9731
777DHA	2YW	8D	1400	153-5720
777DHA	2YW	8D	1400	134-0052
777DHA	2YW	4D	1400	153-5710
777DHA	2YW	8D	1500	153-5720
777E	KDP	4D	1400	153-5710
777F	JRP	4D	1400	153-5710
777F OEM	JXP	4D	1400	153-5710
777G OEM	T4Y	4D	1400	153-5710



## Skid Steer Loader

Sales Model	S/N Prefix	BCI	CCA	Part Number
216	4NZ	24	650	153-5656
216	4NZ	65	875	9X-5408
216	4NZ	65	880	230-6368
216	4NZ	31	950	115-2422 & 9X-3404
216	4NZ	31	950	9X-3404
216	4NZ	31	950	9X-3404
216	4NZ	31	1000	115-2422
216B	RLL	24	650	153-5656
216B	RLL	65	880	230-6368
216B 3	CD3	24	650	153-5656
216B 3	JXM	65	880	230-6368
226	5FZ	24	650	153-5656
226	5FZ	65	875	9X-5408
226	5FZ	65	880	230-6368
226	5FZ	31	950	115-2422 & 9X-3404
226	5FZ	31	950	9X-3404
226	5FZ	31	950	9X-3404
226	5FZ	31	1000	115-2422
226B	MJH	24	650	153-5656
226B	MJH	65	880	230-6368
226B 3	DXZ	65	880	230-6368
226B 3	MWD	24	650	153-5656
226D	HRD	65	880	230-6368
228	6BZ	24	650	153-5656
228	6BZ	65	875	9X-5408
228	6BZ	65	880	230-6368
228	6BZ	31	950	115-2422 & 9X-3404
228	6BZ	31	950	9X-3404
228	6BZ	31	950	9X-3404
228	6BZ	31	1000	115-2422
232	CAB	24	650	153-5656
232	CAB	65	875	9X-5408
232	CAB	65	880	230-6368
232B	SCH	24	650	153-5656
232B	SCH	65	880	230-6368
232D	DPR	65	880	230-6368
236	4YZ	24	650	153-5656
236	4YZ	31	950	115-2422 & 9X-3404
236	4YZ	31	950	9X-3404
236	4YZ	31	950	9X-3404
236	4YZ	31	1000	115-2422
236B	HEN	24	650	153-5656
236B	HEN	65	880	230-6368
236B	HEN	31	950	115-2422 & 9X-3404
236B	HEN	31	950	9X-3404
236B	HEN	31	950	9X-3404
236B	HEN	31	1000	115-2422
236B 3	A9H	65	880	230-6368

Sales Model	S/N Prefix	BCI	CCA	Part Number
236D	BGZ	65	880	230-6368
239D	CD4	65	880	230-6368
242	CMB	24	650	153-5656
242	CMB	65	875	9X-5408
242	CMB	65	880	230-6368
242B	BXM	24	650	153-5656
242B	BXM	65	880	230-6368
242B 3	SRS	65	880	230-6368
242D	DML	65	880	230-6368
246	5SZ	24	650	153-5656
246	5SZ	31	950	115-2422 & 9X-3404
246	5SZ	31	950	9X-3404
246	5SZ	31	950	9X-3404
246	5SZ	31	1000	115-2422
246B	PAT	24	650	153-5656
246B	PAT	65	880	230-6368
246B	PAT	31	950	115-2422 & 9X-3404
246B	PAT	31	950	9X-3404
246B	PAT	31	950	9X-3404
246B	PAT	31	1000	115-2422
246C	JAY	65	880	230-6368
246D	HMR	31	950	115-2422 & 9X-3404
246D	JSL	65	880	230-6368
246D	JSL	31	950	9X-3404
246D	JSL	31	950	9X-3404
246D	JSL	31	1000	115-2422
247	CML	24	650	153-5656
247	CML	65	875	9X-5408
247	CML	65	880	230-6368
247	CML	31	950	115-2422 & 9X-3404
247	CML	31	950	9X-3404
247	CML	31	950	9X-3404
247	CML	31	1000	115-2422
247B	MTL	24	650	153-5656
247B	MTL	65	880	230-6368
247B 3	ESL	24	650	153-5656
247B 3	ESL	65	880	230-6368
248	6LZ	24	650	153-5656
248	6LZ	31	950	115-2422 & 9X-3404
248	6LZ	31	950	9X-3404
248	6LZ	31	950	9X-3404
248	6LZ	31	1000	115-2422
248B	SCL	24	650	153-5656
248B	SCL	65	880	230-6368
248B	SCL	31	950	115-2422 & 9X-3404
248B	SCL	31	950	9X-3404
248B	SCL	31	950	9X-3404
248B	SCL	31	1000	115-2422

# Cat Equipment

## Skid Steer Loader

Sales Model	S/N Prefix	BCI	CCA	Part Number
249D	GWR	65	880	230-6368
252	FDG	24	650	153-5656
252	FDG	31	950	115-2422 & 9X-3404
252	FDG	31	950	9X-3404
252	FDG	31	950	9X-3404
252	FDG	31	1000	115-2422
252B	SCP	24	650	153-5656
252B	SCP	65	880	230-6368
252B	SCP	31	950	115-2422 & 9X-3404
252B	SCP	31	950	9X-3404
252B	SCP	31	950	9X-3404
252B	SCP	31	1000	115-2422
252B 3	TNK	65	880	230-6368
256C	DWS	65	880	230-6368
257	CMM	24	650	153-5656
257	CMM	65	875	9X-5408
257	CMM	65	880	230-6368
257B	SLK	24	650	153-5656
257B	SLK	65	880	230-6368
257B 3	B7H	65	880	230-6368
257D	EZW	65	880	230-6368
259B 3	YYZ	65	880	230-6368
259D	FTL	65	880	230-6368
262	CED	24	650	153-5656
262	CED	31	950	115-2422 & 9X-3404
262	CED	31	950	9X-3404
262	CED	31	950	9X-3404
262	CED	31	1000	115-2422
262B	PDT	24	650	153-5656
262B	PDT	65	880	230-6368
262B	PDT	31	950	115-2422 & 9X-3404
262B	PDT	31	950	9X-3404
262B	PDT	31	950	9X-3404
262B	PDT	31	1000	115-2422
262C	MST	65	880	230-6368
262C 2	TMW	65	880	230-6368
262D	DTB	31	950	9X-3404
262D	DTB	31	1000	115-2422
262D	KTS	65	880	230-6368
262D	KTS	31	950	115-2422 & 9X-3404
262D	LST	31	950	9X-3404
267	CMP	24	650	153-5656
267	CMP	31	950	115-2422 & 9X-3404
267	CMP	31	950	9X-3404
267	CMP	31	950	9X-3404
267	CMP	31	1000	115-2422
267B	CYC	24	650	153-5656
267B	CYC	65	880	230-6368
267B	CYC	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
267B	CYC	31	950	9X-3404
267B	CYC	31	950	9X-3404
267B	CYC	31	1000	115-2422
268B	LBA	24	650	153-5656
268B	LBA	65	880	230-6368
268B	LBA	31	950	115-2422 & 9X-3404
268B	LBA	31	950	9X-3404
268B	LBA	31	950	9X-3404
268B	LBA	31	1000	115-2422
272C	RED	65	880	230-6368
272D	B5W	31	950	115-2422 & 9X-3404
272D	B5W	31	950	9X-3404
272D	B5W	31	950	9X-3404
272D	GD	65	880	230-6368
272D	GD	31	1000	115-2422
272D 2	BL2	65	880	230-6368
272D 2	BL2	31	950	115-2422 & 9X-3404
272D 2	BL2	31	950	9X-3404
272D 2	BL2	31	950	9X-3404
272D 2	BL2	31	1000	115-2422
272D 2 XHP	MD2	31	950	115-2422 & 9X-3404
272D 2 XHP	MD2	31	950	9X-3404
272D 2 XHP	MD2	31	950	9X-3404
272D 2 XHP	MD2	31	1000	115-2422
272D XHP	ETL	31	950	115-2422 & 9X-3404
272D XHP	SHY	65	880	230-6368
272D XHP	SHY	31	950	9X-3404
272D XHP	SHY	31	950	9X-3404
272D XHP	SHY	31	1000	115-2422
277	CNC	24	650	153-5656
277	CNC	31	950	115-2422 & 9X-3404
277	CNC	31	950	9X-3404
277	CNC	31	950	9X-3404
277	CNC	31	1000	115-2422
277B	MDH	24	650	153-5656
277B	MDH	65	880	230-6368
277B	MDH	31	950	115-2422 & 9X-3404
277B	MDH	31	950	9X-3404
277B	MDH	31	950	9X-3404
277B	MDH	31	1000	115-2422
277C	JWF	65	880	230-6368
277C	KCC	31	950	115-2422 & 9X-3404
277C	KCC	31	950	9X-3404
277C	KCC	31	950	9X-3404
277C	KCC	31	1000	115-2422
277C 2	MET	65	880	230-6368
277C 2 OEM	A22	65	880	230-6368
277C OEM	L5Y	65	880	230-6368
277D	FMT	31	950	9X-3404



## Skid Steer Loader (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
277D	FMT	31	950	9X-3404
277D	FMT	31	1000	115-2422
277D	MLT	65	880	230-6368
277D	MLT	31	950	115-2422 & 9X-3404
279C	MBT	65	880	230-6368
279C 2	KWB	65	880	230-6368
279D	PPT	31	950	9X-3404
279D	PPT	31	1000	115-2422
279D	RCX	65	880	230-6368
279D	RCX	31	950	115-2422 & 9X-3404
279D	RCX	31	950	9X-3404
287	CNY	24	650	153-5656
287	CNY	31	950	115-2422 & 9X-3404
287	CNY	31	950	9X-3404
287	CNY	31	950	9X-3404
287	CNY	31	1000	115-2422
287B	ZSA	24	650	153-5656
287B	ZSA	65	880	230-6368
287B	ZSA	31	950	115-2422 & 9X-3404
287B	ZSA	31	950	9X-3404
287B	ZSA	31	950	9X-3404
287B	ZSA	31	1000	115-2422
287B OEM	MSH	24	650	153-5656
287C	MAS	65	880	230-6368
287C 2	SSB	65	880	230-6368
287D	HMT	65	880	230-6368
287D	HMT	31	950	115-2422 & 9X-3404
287D	HMT	31	950	9X-3404
287D	HMT	31	950	9X-3404
287D	STK	31	1000	115-2422
287D OEM	SS3	65	880	230-6368
287D OEM	SS3	31	950	9X-3404
289C	JMP	65	880	230-6368
289C 2	RTD	65	880	230-6368
289D	TAW	31	950	115-2422 & 9X-3404
289D	TAW	31	950	9X-3404
289D	TAW	31	1000	115-2422
289D	WCT	65	880	230-6368
289D	WCT	31	950	9X-3404
297C	GCP	65	880	230-6368

Sales Model	S/N Prefix	BCI	CCA	Part Number
297C OEM	LMB	65	880	230-6368
297D	BE7	65	880	230-6368
297D	BE7	31	950	115-2422 & 9X-3404
297D	BE7	31	950	9X-3404
297D	BE7	31	950	9X-3404
297D	BE7	31	1000	115-2422
297D 2	BL7	65	880	230-6368
297D 2	BL7	31	950	115-2422 & 9X-3404
297D 2	BL7	31	950	9X-3404
297D 2	BL7	31	950	9X-3404
297D 2	BL7	31	1000	115-2422
297D 2 XHP	HP2	31	950	115-2422 & 9X-3404
297D 2 XHP	HP2	31	950	9X-3404
297D 2 XHP	HP2	31	950	9X-3404
297D 2 XHP	HP2	31	1000	115-2422
297D XHP	HP7	31	950	115-2422 & 9X-3404
297D XHP	HP7	31	950	9X-3404
297D XHP	HP7	31	950	9X-3404
297D XHP	HP7	31	1000	115-2422
299C	JSP	65	880	230-6368
299C OEM	NMP	65	880	230-6368
299D	GTC	65	880	230-6368
299D	GTC	31	1000	115-2422
299D	HCL	31	950	115-2422 & 9X-3404
299D	HCL	31	950	9X-3404
299D	HCL	31	950	9X-3404
299D 2	BY4	31	950	115-2422 & 9X-3404
299D 2	BY4	31	1000	115-2422
299D 2	FD2	65	880	230-6368
299D 2	FD2	31	950	9X-3404
299D 2	FD2	31	950	9X-3404
299D 2 XHP	DX2	31	950	9X-3404
299D 2 XHP	DX2	31	1000	115-2422
299D 2 XHP	DX9	31	950	115-2422 & 9X-3404
299D 2 XHP	DX9	31	950	9X-3404
299D XHP	JST	31	950	115-2422 & 9X-3404
299D XHP	JST	31	950	9X-3404
299D XHP	JST	31	950	9X-3404
299D XHP	JST	31	1000	115-2422
299D XHP	NLC	65	880	230-6368

## Small Hydraulic Excavators

Sales Model	S/N Prefix	BCI	CCA	Part Number
212B	3PJ	31	750	3T-5760
212B	3PJ	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
212B	3PJ	31	950	9X-3404
212B	3PJ	31	950	9X-3404

# Cat Equipment

## Small Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
212B	3PJ	31	1000	115-2422
214B	4CF	31	950	115-2422 & 9X-3404
214B	4CF	31	950	9X-3404
214B	4CF	31	950	9X-3404
214B	4CF	31	1000	115-2422
214B-FT	9MF	31	950	115-2422 & 9X-3404
214B-FT	9MF	31	950	9X-3404
214B-FT	9MF	31	950	9X-3404
214B-FT	9MF	31	1000	115-2422
224B	7WF	31	950	115-2422 & 9X-3404
224B	7WF	31	950	9X-3404
224B	7WF	31	950	9X-3404
224B	7WF	31	1000	115-2422
311D LRR	DWR	31	750	3T-5760
311D LRR	DWR	31	950	9X-3404
311D LRR	DWR	31	950	9X-3404
311D LRR	DWR	31	1000	115-2422
311D LRR	LKA	31	950	115-2422 & 9X-3404
311FL	JFT	31	950	9X-3404
311FL	JFT	31	1000	115-2422
311FL	KCW	31	950	115-2422 & 9X-3404
311FL	KCW	31	950	9X-3404
311FL	LZF	31	750	3T-5760
312C L OEM	CXX	31	750	3T-5760
312D	KLE	31	950	9X-3404
312D	PHH	31	950	9X-3404
312D	PHH	31	1000	115-2422
312D 2	DGF	31	750	3T-5760
312D 2	DGF	31	950	9X-3404
312D 2	DGF	31	950	9X-3404
312D 2	TJY	31	950	115-2422 & 9X-3404
312D 2	TJY	31	1000	115-2422
312D 2 GC OEM	F4F	31	750	3T-5760
312D 2GC	BRW	31	750	3T-5760
312D 2GC	BRW	31	950	115-2422 & 9X-3404
312D 2GC	BRW	31	950	9X-3404
312D 2GC	BRW	31	950	9X-3404
312D 2GC	BRW	31	1000	115-2422
312D 2L	EAB	31	950	115-2422 & 9X-3404
312D 2L	EAB	31	950	9X-3404
312D 2L	EAB	31	950	9X-3404
312D 2L	EAB	31	1000	115-2422
312D 2L	WHJ	31	750	3T-5760
312D GC	RXZ	31	750	3T-5760
312D GC	RXZ	31	950	115-2422 & 9X-3404
312D GC	RXZ	31	950	9X-3404
312D GC	RXZ	31	950	9X-3404
312D GC	RXZ	31	1000	115-2422
312D L OEM	L44	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
312D L OEM	L44	31	950	115-2422 & 9X-3404
312D L OEM	L44	31	950	9X-3404
312D L OEM	L44	31	950	9X-3404
312D L OEM	L44	31	1000	115-2422
312D LC	KES	31	750	3T-5760
312D LC	KES	31	950	9X-3404
312D LC	KES	31	1000	115-2422
312D LC	RKF	31	950	115-2422 & 9X-3404
312E	GAC	31	950	115-2422 & 9X-3404
312E	GAC	31	950	9X-3404
312E	GAC	31	1000	115-2422
312E	PZL	31	750	3T-5760
312E	PZL	31	950	9X-3404
312E L	MJD	31	750	3T-5760
312E L	MJD	31	950	9X-3404
312E L	MJD	31	1000	115-2422
312E L	WEY	31	950	115-2422 & 9X-3404
312E L	WEY	31	950	9X-3404
312E L OEM	EGR	31	750	3T-5760
312E L OEM	EGR	31	950	115-2422 & 9X-3404
312E L OEM	EGR	31	950	9X-3404
312E L OEM	EGR	31	950	9X-3404
312E L OEM	EGR	31	1000	115-2422
312F	KMK	31	750	3T-5760
312F	KMK	31	950	115-2422 & 9X-3404
312F	KMK	31	950	9X-3404
312F	KMK	31	950	9X-3404
312F	KMK	31	1000	115-2422
312F GC	FKE	31	750	3T-5760
312F GC	FKE	31	950	115-2422 & 9X-3404
312F GC	FKE	31	950	9X-3404
312F GC	FKE	31	950	9X-3404
312F GC	FKE	31	1000	115-2422
312F L	LFC	31	950	115-2422 & 9X-3404
312F L	LFC	31	950	9X-3404
312F L	LFC	31	950	9X-3404
312F L	LFC	31	1000	115-2422
313D	KXD	31	750	3T-5760
313D	KXD	31	950	115-2422 & 9X-3404
313D	KXD	31	950	9X-3404
313D	KXD	31	950	9X-3404
313D	KXD	31	1000	115-2422
313D 2	FAP	31	950	9X-3404
313D 2	FAP	31	950	9X-3404
313D 2	FAP	31	1000	115-2422
313D 2	PLD	31	950	115-2422 & 9X-3404
313D 2	ZAA	31	750	3T-5760
313D 2 L OEM	KFP	31	750	3T-5760
313D 2GC	GAP	31	750	3T-5760

## Small Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
313D 2GC OEM	GCY	31	750	3T-5760
313D 2L	LCY	31	750	3T-5760
313D 2L	LCY	31	950	115-2422 & 9X-3404
313D 2L	LCY	31	950	9X-3404
313D 2L	LCY	31	950	9X-3404
313D 2L	LCY	31	1000	115-2422
313F	NLG	31	750	3T-5760
313F	NLG	31	950	115-2422 & 9X-3404
313F	NLG	31	950	9X-3404
313F	NLG	31	950	9X-3404
313F	NLG	31	1000	115-2422
313F L	PRG	31	750	3T-5760
313F L	PRG	31	950	9X-3404
313F L OEM	DH8	31	950	115-2422 & 9X-3404
313F L OEM	DH8	31	950	9X-3404
313F L OEM	DH8	31	950	9X-3404
313F L OEM	DH8	31	1000	115-2422
313F L OEM	DH9	31	750	3T-5760
313F LGC	GJD	31	750	3T-5760
313F LGC	GJD	31	1000	115-2422
313F LGC	HDK	31	950	115-2422 & 9X-3404
313F LGC	HDK	31	950	9X-3404
313F LGC	HDK	31	950	9X-3404
314D CR	WLN	31	750	3T-5760
314D CR	WLN	31	1000	115-2422
314D CR OEM	GTE	31	750	3T-5760
314D LCR	SSZ	31	950	115-2422 & 9X-3404
314D LCR	SSZ	31	950	9X-3404
314D LCR	XHR	31	750	3T-5760
314D LCR	XHR	31	950	9X-3404
314D LCR	XHR	31	1000	115-2422
314E CR	ECN	31	750	3T-5760
314E CR	ECN	31	950	115-2422 & 9X-3404
314E CR	ECN	31	950	9X-3404
314E CR	ECN	31	950	9X-3404
314E CR	ECN	31	1000	115-2422
314E LCR	DKD	31	950	9X-3404
314E LCR	YCW	31	750	3T-5760
314E LCR	YCW	31	950	115-2422 & 9X-3404
314E LCR	YCW	31	1000	115-2422
314E LCR	ZJT	31	950	9X-3404
315D L	JHA	31	750	3T-5760
315D LC	BZN	31	950	115-2422 & 9X-3404
315D LC OEM	HLG	31	750	3T-5760
315D LC OEM	HLG	31	950	115-2422 & 9X-3404
315D LC OEM	HLG	31	950	9X-3404
315D LC OEM	HLG	31	950	9X-3404
315D LC OEM	HLG	31	1000	115-2422
315F LCR OEM	FTC	65	880	230-6368

Sales Model	S/N Prefix	BCI	CCA	Part Number
315FL	TDY	65	880	230-6368
316E L	WZY	31	750	3T-5760
316E L	WZY	31	950	9X-3404
316E L	WZY	31	950	9X-3404
316E L	WZY	31	1000	115-2422
316E L	YZZ	31	950	115-2422 & 9X-3404
316E L OEM	F32	31	950	115-2422 & 9X-3404
316E L OEM	F32	31	950	9X-3404
316E L OEM	F32	31	950	9X-3404
316E L OEM	F32	31	1000	115-2422
316F L	ECZ	31	750	3T-5760
316F L	YDL	31	950	115-2422 & 9X-3404
316F L	YDL	31	950	9X-3404
316F OEM	HS3	31	950	115-2422 & 9X-3404
316F OEM	HS3	31	950	9X-3404
316F OEM	HS3	31	950	9X-3404
316F OEM	HS3	31	1000	115-2422
318D 2L	JEB	31	750	3T-5760
318D 2L	JEB	31	950	9X-3404
318D 2L	TZS	31	950	9X-3404
318D 2L	TZS	31	1000	115-2422
318D 2L	XGS	31	950	115-2422 & 9X-3404
318D 2L OEM	M8R	31	750	3T-5760
318D L	ZKJ	31	750	3T-5760
318E L	DZF	31	950	115-2422 & 9X-3404
318E L	DZF	31	950	9X-3404
318E L	DZF	31	950	9X-3404
318E L	DZF	31	1000	115-2422
318E L	WZS	31	750	3T-5760
318E OEM	ERR	31	750	3T-5760
318F L	HCP	31	750	3T-5760
318F L	HCP	31	950	115-2422 & 9X-3404
318F L	HCP	31	950	9X-3404
318F L	HCP	31	950	9X-3404
318F L	HCP	31	1000	115-2422
319D L	KRM	31	750	3T-5760
319D LC	ZCA	31	950	115-2422 & 9X-3404
319D LC	ZGZ	31	750	3T-5760
319D LC	ZGZ	31	1000	115-2422
319D LN	KFM	31	750	3T-5760
319D LN	KFM	31	950	9X-3404
319D LN	WBJ	31	950	9X-3404
319D LN	WBJ	31	1000	115-2422
319D LN OEM	KTJ	31	750	3T-5760
M313D	K3D	31	950	9X-3404
M314F	F4A	31	950	9X-3404
M314F	F4A	31	1000	115-2422
M314F	FB4	31	950	115-2422 & 9X-3404
M314F	FB4	31	950	9X-3404

# Cat Equipment

## Small Hydraulic Excavators (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
M315D	K5E	31	950	9X-3404
M315D 2	CA4	31	950	115-2422 & 9X-3404
M315D 2	CA4	31	950	9X-3404
M315D 2	CA4	31	950	9X-3404
M315D 2	CH3	31	1000	115-2422
M315D OEM	H9A	31	750	3T-5760
M315F	F4D	31	950	115-2422 & 9X-3404
M315F	F4D	31	950	9X-3404
M315F	F4D	31	950	9X-3404
M316D	D6W	31	950	115-2422 & 9X-3404
M316D	P6K	31	750	3T-5760
M316D	P6K	31	950	9X-3404
M316D	P6K	31	950	9X-3404
M316D	P6K	31	1000	115-2422
M316D OEM	KMA	31	950	115-2422 & 9X-3404
M316D OEM	KMA	31	950	9X-3404
M316D OEM	KMA	31	950	9X-3404
M316D OEM	KMA	31	1000	115-2422
M316F	F6N	4D	1125	153-5700
M316F OEM	CP5	4D	1125	153-5700
M317D 2	CA6	31	950	9X-3404
M317D 2	CH5	31	950	115-2422 & 9X-3404
M317D 2	CH5	31	950	9X-3404
M317D 2	CH5	31	1000	115-2422
M317F	F6P	31	950	115-2422 & 9X-3404
M317F	F6P	31	950	9X-3404
M317F	F6P	31	950	9X-3404
M317F	F6P	31	1000	115-2422
M318D	D8W	31	750	3T-5760
M318D	D8W	31	950	9X-3404
M318D	D8W	31	1000	115-2422
M318D MH	D9X	31	750	3T-5760
M318D MH	D9X	31	950	9X-3404
M318F	FB8	4D	1125	153-5700

Sales Model	S/N Prefix	BCI	CCA	Part Number
M318F OEM	MH9	4D	1125	153-5700
M320D 2	CH9	31	950	115-2422 & 9X-3404
M320D 2	CH9	31	950	9X-3404
M320D 2	CH9	31	950	9X-3404
M320D 2	CH9	31	1000	115-2422
M320D 2	EN8	31	750	3T-5760
M320F	FB2	4D	1125	153-5700
M322D	D2W	31	750	3T-5760
M322D	D2W	31	950	115-2422 & 9X-3404
M322D	D2W	31	950	9X-3404
M322D	D2W	31	950	9X-3404
M322D	P2T	31	1000	115-2422
M322D 2	EN2	31	950	115-2422 & 9X-3404
M322D 2	EN2	31	950	9X-3404
M322D 2	EN2	31	950	9X-3404
M322D 2	EN2	31	1000	115-2422
M322D 2 MH	EN9	31	950	115-2422 & 9X-3404
M322D 2 MH	EN9	31	950	9X-3404
M322D 2 MH	EN9	31	950	9X-3404
M322D 2 MH	EN9	31	1000	115-2422
M322D MH	D3X	31	750	3T-5760
M322D MH	D3X	31	950	115-2422 & 9X-3404
M322D MH	D3X	31	950	9X-3404
M322D MH	D3X	31	950	9X-3404
M322D MH	D3X	31	1000	115-2422
M322D OEM	J4M	31	750	3T-5760
M322F	FBW	4D	1125	153-5700
M324D 2 MH	EN3	31	750	3T-5760
M324D 2 MH	EN3	31	950	115-2422 & 9X-3404
M324D 2 MH	EN3	31	950	9X-3404
M324D 2 MH	EN3	31	950	9X-3404
M324D 2 MH	EN3	31	1000	115-2422
MH3022	FB3	4D	1125	153-5700

## Small Track Type Tractors

Sales Model	S/N Prefix	BCI	CCA	Part Number
D3G LGPJ	CLB	31	1000	115-2422
D3G LGPJ	CXT	31	950	115-2422 & 9X-3404
D3G LGPJ	CXT	31	950	9X-3404
D3G LGPJ	CXT	31	950	9X-3404
D3G XL	CKA	31	950	9X-3404
D3G XL	CKA	31	1000	115-2422
D3G XL	JMH	31	950	115-2422 & 9X-3404
D3G XL	JMH	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
D3K 2 LGP	GAE	31	950	115-2422 & 9X-3404
D3K 2 LGP	JPJ	31	950	9X-3404
D3K 2 LGP	KL2	31	750	3T-5760
D3K 2 LGP	KL2	31	950	9X-3404
D3K 2 LGP	KL2	31	1000	115-2422
D3K 2 XL	KF2	31	950	9X-3404
D3K 2 XL	KF2	31	950	9X-3404
D3K 2 XL	KFF	31	750	3T-5760

## Small Track Type Tractors (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
D3K 2 XL	KFF	31	950	115-2422 & 9X-3404
D3K 2 XL	KFF	31	1000	115-2422
D3K LGP	JTD	31	750	3T-5760
D3K LGP	JTD	31	950	115-2422 & 9X-3404
D3K LGP	JTD	31	950	9X-3404
D3K LGP	LLL	31	950	9X-3404
D3K LGP	LLL	31	1000	115-2422
D3K XL	FFF	31	750	3T-5760
D3K XL	FFF	31	950	115-2422 & 9X-3404
D3K XL	FFF	31	950	9X-3404
D3K XL	FFF	31	950	9X-3404
D3K XL	FFF	31	1000	115-2422
D4G LGP	TLX	31	950	115-2422 & 9X-3404
D4G LGP	TLX	31	1000	115-2422
D4G XL	HYD	31	950	9X-3404
D4G XL	HYD	31	1000	115-2422
D4K 2 LGP	KR2	31	950	115-2422 & 9X-3404
D4K 2 LGP	KR2	31	950	9X-3404
D4K 2 LGP	KR2	31	950	9X-3404
D4K 2 LGP	KR2	31	1000	115-2422
D4K 2 LGP	RT3	31	750	3T-5760
D4K 2 XL	KM2	31	950	115-2422 & 9X-3404
D4K 2 XL	KMM	31	750	3T-5760
D4K 2 XL	MT3	31	950	9X-3404
D4K 2 XL	MT3	31	950	9X-3404
D4K 2 XL	MT3	31	1000	115-2422
D4K LGP	RRR	31	750	3T-5760
D4K LGP	RRR	31	950	115-2422 & 9X-3404
D4K LGP	RRR	31	950	9X-3404
D4K LGP	RRR	31	950	9X-3404
D4K LGP	RRR	31	1000	115-2422
D4K XL	MMM	31	750	3T-5760
D4K XL	MMM	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
D4K XL	MMM	31	950	9X-3404
D4K XL	MMM	31	950	9X-3404
D4K XL	MMM	31	1000	115-2422
D5B	25X	31	950	115-2422 & 9X-3404
D5G LGP OEM	D5G	31	950	115-2422 & 9X-3404
D5G LGP OEM	D5G	31	950	9X-3404
D5G LGP OEM	D5G	31	950	9X-3404
D5G LGP OEM	D5G	31	1000	115-2422
D5G LGPJ	CLW	31	950	9X-3404
D5G LGPJ	CLW	31	950	9X-3404
D5G LGPJ	RSC	31	950	115-2422 & 9X-3404
D5G LGPJ	RSC	31	1000	115-2422
D5G XL	CLF	31	950	115-2422 & 9X-3404
D5G XL	WGB	31	950	9X-3404
D5K 2 LGP	KY2	31	750	3T-5760
D5K 2 LGP	KY2	31	950	115-2422 & 9X-3404
D5K 2 LGP	RRE	31	950	9X-3404
D5K 2 LGP	TRF	31	1000	115-2422
D5K 2 LGP	YT3	31	950	9X-3404
D5K 2 XL	KW2	31	750	3T-5760
D5K 2 XL	KW2	31	950	9X-3404
D5K 2 XL	KWW	31	950	115-2422 & 9X-3404
D5K 2 XL	KWW	31	950	9X-3404
D5K 2 XL	WT3	31	1000	115-2422
D5K LGP	YYY	31	950	115-2422 & 9X-3404
D5K LGP	YYY	31	950	9X-3404
D5K LGP	YYY	31	950	9X-3404
D5K LGP	YYY	31	1000	115-2422
D5K XL	WWW	31	950	115-2422 & 9X-3404
D5K XL	WWW	31	950	9X-3404
D5K XL	WWW	31	950	9X-3404
D5K XL	WWW	31	1000	115-2422

## Small Wheel Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
924F	6MN	31	750	3T-5760
924F	6MN	31	750	3T-5760
924F	6MN	31	950	9X-3404
924F	6MN	31	950	9X-3404
924G	EEB	4D	1400	153-5710
924G	WGX	31	750	3T-5760
924G OEM	KTC	31	950	115-2422 & 9X-3404
924G OEM	KTC	31	950	9X-3404
924G OEM	KTC	31	950	9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
924G OEM	KTC	31	1000	115-2422
924H	HXC	31	950	115-2422 & 9X-3404
924H	HXC	31	950	9X-3404
924H	HXC	31	950	9X-3404
924H	HXC	31	1000	115-2422
924H	LKW	4D	1400	153-5710
924H Z	RCB	31	950	9X-3404
924H Z	WLB	31	950	115-2422 & 9X-3404
924H Z	WLB	31	950	9X-3404

# Cat Equipment

## Small Wheel Loaders (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
924H Z	WLB	31	1000	115-2422
924K	ENC	31	950	9X-3404
924K	SNZ	31	950	115-2422 & 9X-3404
924K	SNZ	31	950	9X-3404
924K	SNZ	31	1000	115-2422
926M	LTE	31	950	115-2422 & 9X-3404
926M	LTE	31	950	9X-3404
926M	LTE	31	950	9X-3404
926M	LTE	31	1000	115-2422
928F	8AK	31	750	3T-5760
928F	8AK	31	950	115-2422 & 9X-3404
928G	7SR	31	750	3T-5760
928G	DJD	31	950	115-2422 & 9X-3404
928G	DJD	31	950	9X-3404
928G	DJD	31	1000	115-2422
928H	CXK	31	950	115-2422 & 9X-3404
928H	CXK	31	950	9X-3404
928H	CXK	31	950	9X-3404
928H	CXK	31	950	9X-3404
928H	CXK	31	1000	115-2422
930G	TWR	31	950	115-2422 & 9X-3404
930G	TWR	31	950	9X-3404
930G	TWR	31	950	9X-3404
930G	TWR	31	1000	115-2422
930H	DHC	31	950	115-2422 & 9X-3404
930H	DHC	31	950	9X-3404
930H	DHC	31	950	9X-3404
930H	DHC	31	1000	115-2422
930K	P3K	31	950	115-2422 & 9X-3404
930K	RHN	31	950	9X-3404
930K	RHN	31	950	9X-3404
930K	RHN	31	1000	115-2422
930K OEM	T68	31	950	115-2422 & 9X-3404
930K OEM	T68	31	950	9X-3404
930K OEM	T68	31	950	9X-3404
930K OEM	T68	31	1000	115-2422
930M	KTG	31	950	115-2422 & 9X-3404
930M	KTG	31	950	9X-3404
930M	KTG	31	950	9X-3404
930M	KTG	31	1000	115-2422
938F	2RM	31	750	3T-5760
938F	2RM	31	950	9X-3404
938F	2RM	6TL	750	5R-9120
938G	9HS	31	950	9X-3404
938G II	PHN	31	750	3T-5760
938G II	PHN	31	950	115-2422 & 9X-3404
938G II	PHN	31	950	9X-3404
938G II	PHN	31	950	9X-3404
938G II	PHN	31	1000	115-2422

Sales Model	S/N Prefix	BCI	CCA	Part Number
938G II	PHN	4D	1400	153-5710
938G II OEM	MSC	31	750	3T-5760
938G II OEM	MSC	31	950	115-2422 & 9X-3404
938G II OEM	MSC	31	950	9X-3404
938G II OEM	MSC	31	950	9X-3404
938G II OEM	MSC	31	1000	115-2422
938H	JKM	31	950	115-2422 & 9X-3404
938H	JKM	31	950	9X-3404
938H	JKM	31	950	9X-3404
938H	JKM	31	1000	115-2422
938K	REP	31	950	115-2422 & 9X-3404
938K	REP	31	950	9X-3404
938K	REP	31	1000	115-2422
938K	SWL	31	950	9X-3404
938M	J3R	31	950	115-2422 & 9X-3404
938M	J3R	31	950	9X-3404
938M	J3R	31	950	9X-3404
938M	J3R	31	1000	115-2422
IT24F	4NN	31	950	115-2422 & 9X-3404
IT24F	4NN	31	1000	115-2422
IT28F	1JL	31	950	115-2422 & 9X-3404
IT28F	1JL	31	950	9X-3404
IT28F	1JL	31	950	9X-3404
IT28F	1JL	4D	1000	153-5700
IT28G	8CR	31	750	3T-5760
IT28G	EWF	31	950	115-2422 & 9X-3404
IT28G	EWF	31	950	9X-3404
IT28G	WAC	31	950	9X-3404
IT38F	6FN	31	950	115-2422 & 9X-3404
IT38F	6FN	31	950	9X-3404
IT38F	6FN	31	950	9X-3404
IT38F	6FN	31	1000	115-2422
IT38G	JAN	31	750	3T-5760
IT38G	JAN	31	950	115-2422 & 9X-3404
IT38G	JAN	31	950	9X-3404
IT38G	JAN	31	950	9X-3404
IT38G	JAN	31	1000	115-2422
IT38G II	JAN	31	750	3T-5760
IT38G II	JAN	31	950	115-2422 & 9X-3404
IT38G II	JAN	31	950	9X-3404
IT38G II	JAN	31	950	9X-3404
IT38G II	JAN	31	1000	115-2422
IT38G II	JAN	4D	1400	153-5710
IT38H	JNJ	31	950	115-2422 & 9X-3404
IT38H	JNJ	31	950	9X-3404
IT38H	JNJ	31	950	9X-3404
IT38H	JNJ	31	1000	115-2422

## Telehandler

Sales Model	S/N Prefix	BCI	CCA	Part Number
C40	C4D	31	750	3T-5760
C40	C4D	31	950	115-2422 & 9X-3404
C40	C4D	31	950	9X-3404
C40	C4D	31	950	9X-3404
C40	C4D	31	1000	115-2422
C50	C5D	31	750	3T-5760
C50	C5D	31	950	115-2422 & 9X-3404
C50	C5D	31	950	9X-3404
C50	C5D	31	950	9X-3404
C50	C5D	31	1000	115-2422
K50	K5A	31	750	3T-5760
K60	K6D	31	750	3T-5760
K70	K7A	31	750	3T-5760
RT80-RT100	1GJ	31	750	3T-5760
TARGO K50	K5B	31	750	3T-5760
TARGO K60	K6B	31	750	3T-5760
TARGO K70	K7B	31	750	3T-5760
TH103	3PN	31	750	3T-5760
TH103	3PN	31	950	115-2422 & 9X-3404
TH103	3PN	31	950	9X-3404
TH103	3PN	31	950	9X-3404
TH103	3PN	31	1000	115-2422
TH210	CEC	31	750	3T-5760
TH210	CEC	31	1000	115-2422
TH210	MHT	31	950	115-2422 & 9X-3404
TH210	MHT	31	950	9X-3404
TH210	MHT	31	950	9X-3404
TH215	CEG	31	950	9X-3404
TH215	CEG	31	1000	115-2422
TH215	MHS	31	750	3T-5760
TH215	MHS	31	950	115-2422 & 9X-3404
TH215	MHS	31	950	9X-3404
TH220B	SLA	31	750	3T-5760
TH220B	SLA	31	950	115-2422 & 9X-3404
TH220B	SLA	31	950	9X-3404
TH220B	SLA	31	950	9X-3404
TH220B	SLA	31	1000	115-2422
TH255	TBS	31	950	115-2422 & 9X-3404
TH255	TBS	31	950	9X-3404
TH255	TBS	31	950	9X-3404
TH255	TBS	31	1000	115-2422
TH255C	JK2	31	950	115-2422 & 9X-3404
TH255C	JK2	31	1000	115-2422
TH255C	JK3	31	950	9X-3404
TH255C	JK3	31	950	9X-3404
TH306D HRC	TD2	31	1000	175-4390
TH330B	SLB	31	750	3T-5760
TH330B	SLB	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
TH330B	SLB	31	950	9X-3404
TH330B	SLB	31	950	9X-3404
TH330B	SLB	31	1000	115-2422
TH336	TDE	31	750	3T-5760
TH336	TDE	31	950	115-2422 & 9X-3404
TH336	TDE	31	950	9X-3404
TH336	TDE	31	950	9X-3404
TH336	TDE	31	1000	115-2422
TH336C	MJR	31	950	9X-3404
TH336C	THM	31	750	3T-5760
TH336C	THM	31	950	115-2422 & 9X-3404
TH336C	THM	31	950	9X-3404
TH336C	THM	31	1000	115-2422
TH337	TDF	31	750	3T-5760
TH337	TDF	31	950	115-2422 & 9X-3404
TH337	TDF	31	950	9X-3404
TH337	TDF	31	950	9X-3404
TH337	TDF	31	1000	115-2422
TH337C	DJB	31	950	9X-3404
TH337C	DJB	31	1000	115-2422
TH337C	SXJ	31	750	3T-5760
TH337C	SXJ	31	950	115-2422 & 9X-3404
TH337C	SXJ	31	950	9X-3404
TH340B	SLC	31	750	3T-5760
TH340B	SLC	31	950	115-2422 & 9X-3404
TH340B	SLC	31	950	9X-3404
TH340B	SLC	31	950	9X-3404
TH340B	SLC	31	1000	115-2422
TH350B	SLD	31	750	3T-5760
TH350B	SLD	31	950	115-2422 & 9X-3404
TH350B	SLD	31	950	9X-3404
TH350B	SLD	31	950	9X-3404
TH350B	SLD	31	1000	115-2422
TH3510D HRC	TH2	31	1000	175-4390
TH355B	JRK	31	750	3T-5760
TH355B	JRK	31	950	115-2422 & 9X-3404
TH355B	JRK	31	950	9X-3404
TH355B	JRK	31	950	9X-3404
TH355B	JRK	31	1000	115-2422
TH360B	SLE	31	750	3T-5760
TH360B	SLE	31	950	115-2422 & 9X-3404
TH360B	SLE	31	950	9X-3404
TH360B	SLE	31	950	9X-3404
TH360B	SLE	31	1000	115-2422
TH406	TBX	31	750	3T-5760
TH406	TBX	31	950	115-2422 & 9X-3404
TH406	TBX	31	950	9X-3404
TH406	TBX	31	950	9X-3404



# Cat Equipment

## Telehandler (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
TH406	TBX	31	1000	115-2422
TH406C	GAT	31	750	3T-5760
TH406C	GAT	31	950	115-2422 & 9X-3404
TH406C	GAT	31	950	9X-3404
TH406C	GAT	31	950	9X-3404
TH406C	GAT	31	1000	115-2422
TH407	TBY	31	750	3T-5760
TH407	TBY	31	950	115-2422 & 9X-3404
TH407	TBY	31	950	9X-3404
TH407	TBY	31	950	9X-3404
TH407	TBY	31	1000	115-2422
TH407C	JJT	31	950	115-2422 & 9X-3404
TH407C	MLH	31	750	3T-5760
TH407C	MLH	31	950	9X-3404
TH407C	MLH	31	950	9X-3404
TH407C	MLH	31	1000	115-2422
TH414C GC	KRF	31	1000	115-2422
TH414C GC	LYN	31	950	115-2422 & 9X-3404
TH414C GC	LYN	31	950	9X-3404
TH414C GC	LYN	31	950	9X-3404
TH417	TBT	31	750	3T-5760
TH417	TBT	31	950	115-2422 & 9X-3404
TH417	TBT	31	950	9X-3404
TH417	TBT	31	950	9X-3404
TH417	TBT	31	1000	115-2422
TH417C	RRJ	31	750	3T-5760
TH417C	RRJ	31	950	115-2422 & 9X-3404
TH417C	RRJ	31	950	9X-3404
TH417C GC	NAB	31	950	115-2422 & 9X-3404
TH417C GC	NAB	31	950	9X-3404
TH417C GC	NAB	31	950	9X-3404
TH417C GC	NMM	31	1000	115-2422
TH460B	SLF	31	750	3T-5760
TH460B	SLF	31	950	115-2422 & 9X-3404
TH460B	SLF	31	950	9X-3404
TH460B	SLF	31	950	9X-3404
TH460B	SLF	31	1000	115-2422
TH514	TBW	31	750	3T-5760
TH514	TBW	31	950	115-2422 & 9X-3404
TH514	TBW	31	950	9X-3404
TH514	TBW	31	950	9X-3404
TH514	TBW	31	1000	115-2422
TH514D	MWG	31	1000	175-4390
TH560B	SLG	31	750	3T-5760
TH560B	SLG	31	950	115-2422 & 9X-3404
TH560B	SLG	31	950	9X-3404
TH560B	SLG	31	950	9X-3404
TH560B	SLG	31	1000	115-2422
TH580B	SLH	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
TH580B	SLH	31	950	115-2422 & 9X-3404
TH580B	SLH	31	950	9X-3404
TH580B	SLH	31	950	9X-3404
TH580B	SLH	31	1000	115-2422
TH62	3LN	31	750	3T-5760
TH62	3LN	31	950	9X-3404
TH62	3LN	31	1000	115-2422
TH62	4TM	31	950	115-2422 & 9X-3404
TH62	4TM	31	950	9X-3404
TH62	4TM	78	690	369-9957
TH63	5WM	31	750	3T-5760
TH63	5WM	31	950	115-2422 & 9X-3404
TH63	5WM	31	950	9X-3404
TH63	5WM	31	950	9X-3404
TH63	5WM	31	1000	115-2422
TH82	3KN	31	750	3T-5760
TH82	3KN	31	950	115-2422 & 9X-3404
TH82	3KN	31	950	9X-3404
TH82	3KN	31	950	9X-3404
TH82	3KN	31	1000	115-2422
TH83	3RN	31	750	3T-5760
TH83	3RN	31	950	115-2422 & 9X-3404
TH83	3RN	31	950	9X-3404
TH83	3RN	31	950	9X-3404
TH83	3RN	31	1000	115-2422
TL1055	TBM	31	750	3T-5760
TL1055	TBM	31	950	115-2422 & 9X-3404
TL1055	TBM	31	950	9X-3404
TL1055	TBM	31	950	9X-3404
TL1055	TBM	31	1000	115-2422
TL1055	TBM	31	1000	175-4390
TL1055D	ML5	31	950	9X-3404
TL1055D	ML5	31	950	9X-3404
TL1055D	ML5	31	1000	115-2422
TL1055D	ML5	31	1000	175-4390
TL1055D	MNT	31	950	115-2422 & 9X-3404
TL1255	TBN	31	750	3T-5760
TL1255	TBN	31	950	115-2422 & 9X-3404
TL1255	TBN	31	950	9X-3404
TL1255	TBN	31	950	9X-3404
TL1255	TBN	31	1000	115-2422
TL1255	TBN	31	1000	175-4390
TL1255C	DHW	31	950	115-2422 & 9X-3404
TL1255C	DHW	31	950	9X-3404
TL1255C	DHW	31	1000	115-2422
TL1255D HRC	ML7	31	950	115-2422 & 9X-3404
TL1255D HRC	ML7	31	950	9X-3404
TL1255D HRC	ML7	31	950	9X-3404
TL1255D HRC	ML7	31	1000	115-2422



## Telehandler (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
TL1255D HRC	ML7	31	1000	175-4390
TL1255D LRC	MYW	31	950	115-2422 & 9X-3404
TL1255D LRC	MYW	31	950	9X-3404
TL1255D LRC	MYW	31	950	9X-3404
TL1255D LRC	MYW	31	1000	115-2422
TL1255D LRC	MYW	31	1000	175-4390
TL642	TBK	31	750	3T-5760
TL642	TBK	31	950	115-2422 & 9X-3404
TL642	TBK	31	950	9X-3404
TL642	TBK	31	950	9X-3404
TL642	TBK	31	1000	115-2422
TL642	TBK	31	1000	175-4390
TL642D	MLG	31	950	9X-3404
TL642D	MLG	31	1000	115-2422
TL642D	MLG	31	1000	175-4390
TL943	TBL	31	750	3T-5760

Sales Model	S/N Prefix	BCI	CCA	Part Number
TL943	TBL	31	950	115-2422 & 9X-3404
TL943	TBL	31	950	9X-3404
TL943	TBL	31	950	9X-3404
TL943	TBL	31	1000	115-2422
TL943	TBL	31	1000	175-4390
TL943C	SXH	31	950	115-2422 & 9X-3404
TL943C	SXH	31	1000	175-4390
TL943C	THH	31	950	9X-3404
TL943C	THH	31	950	9X-3404
TL943C	THH	31	1000	115-2422
TL943D	MLD	31	950	115-2422 & 9X-3404
TL943D	MLD	31	950	9X-3404
TL943D	MLD	31	950	9X-3404
TL943D	MLD	31	1000	175-4390
TL943D	MLJ	31	1000	115-2422

## Track Loaders

Sales Model	S/N Prefix	BCI	CCA	Part Number
953 LGP	44Z	31	750	3T-5760
953 LGP	44Z	31	750	3T-5760
953 LGP	44Z	31	950	115-2422 & 9X-3404
953 LGP	44Z	4D	1000	153-5700
953 LGP	44Z	4D	1000	153-5700
953 LGP	44Z	4D	1125	153-5700
953D	LBP	31	950	115-2422 & 9X-3404
953D	LBP	31	950	9X-3404
953D	LBP	31	950	9X-3404
953D	LBP	31	1000	115-2422
953K	LJT	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
953K	LJT	31	950	9X-3404
953K	LJT	31	950	9X-3404
953K	LJT	31	1000	115-2422
963D	LCS	4D	1125	153-5700
963K	LBL	4D	1125	153-5700
973	86G	31	750	3T-5760
973C	LDX	4D	1125	153-5700
973D	LCP	4D	1125	153-5700
973D	LCP	4D	1400	153-5710
973T	MKL	4D	1400	153-5710

## Undercarriage Arrangements

Sales Model	S/N Prefix	BCI	CCA	Part Number
UNDERCARRIAGE OE	HED	31	750	3T-5760
UNDERCARRIAGE OE	L5M	4D	1400	153-5710
UNDERCARRIAGE OE	L5N	4D	1300	153-5710

Sales Model	S/N Prefix	BCI	CCA	Part Number
UNDERCARRIAGE OE	L5N	8D	1400	153-5720
UNDERCARRIAGE OE	L5N	8D	1400	153-5720
UNDERCARRIAGE OE	L5N	8D	1500	153-5720

# Cat Equipment

## Underground Mining

Sales Model	S/N Prefix	BCI	CCA	Part Number
AD22	MW5	4D	1400	153-5710
AD30	GXR	4D	1300	153-5710
AD30	GXR	4D	1400	153-5710
AD40 II	1YZ	8D	1400	153-5720
AD40 II	1YZ	8D	1500	153-5720
AD45	BKZ	8D	1400	153-5720
AD45	BKZ	8D	1500	153-5720
AD45B	GXM	4D	1300	153-5710
AD45B	GXM	4D	1400	153-5710
AD55	DNW	4D	1300	153-5710
AD55B	JNW	4D	1300	153-5710
AD55B	JNW	4D	1400	153-5710
AD60	KNW	4D	1300	153-5710
AD60	KNW	4D	1400	153-5710
AE40 II	1ZZ	8D	1400	153-5720
AE40 II	1ZZ	8D	1500	153-5720
R1300	6QW	31	950	115-2422 & 9X-3404
R1300	6QW	4D	1000	153-5700
R1300	6QW	4D	1125	153-5700
R1300	6QW	4D	1300	153-5710
R1300	6QW	4D	1300	153-5710
R1300G	LJB	31	950	115-2422 & 9X-3404
R1300G	LJB	31	950	9X-3404
R1300G	LJB	31	950	9X-3404
R1300G	LJB	31	1000	115-2422
R1300G	LJB	4D	1300	153-5710
R1300G II	RSL	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
R1300G II	RSL	4D	1300	153-5710
R1600	9XP	4D	1300	153-5710
R1600	9XP	4D	1300	153-5710
R1600G	9PP	4D	1125	153-5700
R1600G	9PP	4D	1300	153-5710
R1600G	9PP	4D	1300	153-5710
R1600H	9SD	31	950	115-2422 & 9X-3404
R1600H	9SD	31	950	9X-3404
R1600H	9SD	31	950	9X-3404
R1600H	9SD	31	1000	115-2422
R1700G	XBR	31	950	115-2422 & 9X-3404
R1700G	XBR	31	950	9X-3404
R1700G	XBR	31	950	9X-3404
R1700G	XBR	31	1000	115-2422
R1700G	XBR	4D	1300	153-5710
R1700G	XBR	4D	1300	153-5710
R1700K	KT4	8D	1400	153-5720
R1700K	KT4	8D	1500	153-5720
R2900G	JLK	4D	1300	153-5710
R2900G	JLK	4D	1300	153-5710
R2900G	JLK	8D	1400	153-5720
R2900G	JLK	4D	1400	153-5710
R2900G	JLK	8D	1500	153-5720
R3000H	RCM	4D	1300	153-5710
R3000H	RCM	4D	1400	153-5710

## Underground Mining

Sales Model	S/N Prefix	BCI	CCA	Part Number
MT3300 AC	SE2	31	1000	175-4390
MT3700 AC	SE3	31	1000	175-4390

Sales Model	S/N Prefix	BCI	CCA	Part Number
MT4400 AC	SE4	31	1000	175-4390
MT4400D AC	MT4	31	1000	175-4390

## Wheel Tractor Scraper

Sales Model	S/N Prefix	BCI	CCA	Part Number
613C	93X	31	950	9X-3404
613C	93X	31	950	9X-3404
613C	93X	31	1000	115-2422
613C II	8LJ	31	750	3T-5760
613C II	8LJ	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
613C II	8LJ	31	950	9X-3404
613C II	8LJ	31	950	9X-3404
613C II	8LJ	31	1000	115-2422
613C II OEM	B6J	31	750	3T-5760
613C II OEM	B6J	31	950	115-2422 & 9X-3404

## Wheel Tractor Scraper (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
613C II OEM	B6J	31	950	9X-3404
613C II OEM	B6J	31	950	9X-3404
613C II OEM	B6J	31	1000	115-2422
613G	DBE	65	880	230-6368
613G OEM	DXA	65	880	230-6368
615C	2XG	31	750	3T-5760
615C	2XG	31	950	115-2422 & 9X-3404
615C	2XG	31	950	9X-3404
615C	2XG	31	1000	115-2422
615C	2XG	4D	1000	153-5700
615C	2XG	4D	1125	153-5700
615C II	9XG	31	750	3T-5760
615C II	9XG	31	950	115-2422 & 9X-3404
615C II	9XG	31	950	9X-3404
615C II	9XG	31	950	9X-3404
615C II	9XG	31	1000	115-2422
615C II	9XG	4D	1000	153-5700
615C II	9XG	4D	1000	153-5700
615C II	9XG	4D	1125	153-5700
615C II OEM	B6M	31	750	3T-5760
615C II OEM	B6M	31	950	115-2422 & 9X-3404
615C II OEM	B6M	31	950	9X-3404
615C II OEM	B6M	31	950	9X-3404
615C II OEM	B6M	31	1000	115-2422
615D	BAE	31	750	3T-5760
621B	45P	8D	1400	153-5720
621B	45P	8D	1400	153-5720
621B	45P	8D	1500	153-5720
621F	4SK	31	750	3T-5760
621F	4SK	4D	1000	153-5700
621F	4SK	4D	1125	153-5700
621G	CEP	31	750	3T-5760
621G	CEP	65	880	230-6368
621G OEM	DXB	31	750	3T-5760
621G OEM	DXB	65	880	230-6368
621H	DBK	65	880	230-6368
621H	DBK	31	950	115-2422 & 9X-3404
621H	DBK	31	950	9X-3404
621H	DBK	31	1000	115-2422
621H	EAZ	31	950	9X-3404
621H OEM	HKK	31	950	115-2422 & 9X-3404
621H OEM	HKK	31	950	9X-3404
621H OEM	HKK	31	1000	115-2422
621H OEM	NYY	31	950	9X-3404
621K	WTL	31	950	115-2422 & 9X-3404
621K	WTL	31	950	9X-3404
621K	WTL	31	950	9X-3404
621K	WTL	31	1000	115-2422
621K OEM	WTE	31	950	115-2422 & 9X-3404

Sales Model	S/N Prefix	BCI	CCA	Part Number
621K OEM	WTE	31	1000	115-2422
621K OEM	WTP	31	950	9X-3404
621K OEM	WTP	31	950	9X-3404
623E	6DB	4D	1125	153-5700
623F	5EW	31	750	3T-5760
623G	CES	31	750	3T-5760
623G	DBY	65	880	230-6368
623H	DBF	65	880	230-6368
623H	DBF	31	950	115-2422 & 9X-3404
623H	DBF	31	950	9X-3404
623H	DBF	31	950	9X-3404
623H	DBF	31	1000	115-2422
623K	WTB	31	950	115-2422 & 9X-3404
623K	WTB	31	1000	115-2422
623K	WTM	31	950	9X-3404
623K	WTM	31	950	9X-3404
627G	CEX	31	750	3T-5760
627G	CEX	65	880	230-6368
627H	DBW	65	880	230-6368
627H	DBW	31	950	115-2422 & 9X-3404
627H	LCT	31	950	9X-3404
627H	LCT	31	950	9X-3404
627H	LCT	31	1000	115-2422
627K	WTC	31	950	115-2422 & 9X-3404
627K	WTC	31	950	9X-3404
627K	WTC	31	1000	115-2422
627K	WTN	31	950	9X-3404
631D	24W	8D	1400	153-5720
631D	24W	8D	1400	153-5720
631D	24W	8D	1500	153-5720
631E	1AB	31	750	3T-5760
631E	1AB	8D	1400	153-5720
631E	6PC	8D	1400	153-5720
631E	6PC	8D	1500	153-5720
631G	AWK	31	750	3T-5760
631G	CLR	65	880	230-6368
631G OEM	DXE	65	880	230-6368
631K	WTR	31	950	115-2422 & 9X-3404
631K	WTR	31	950	9X-3404
631K	WTR	31	950	9X-3404
631K	WTR	31	1000	115-2422
631K OEM	WT4	31	950	115-2422 & 9X-3404
631K OEM	WT4	31	950	9X-3404
631K OEM	WT4	31	950	9X-3404
631K OEM	WT4	31	1000	115-2422
633E	2PS	31	750	3T-5760
637	65M	8D	1400	153-5720
637	65M	8D	1400	153-5720
637	65M	8D	1500	153-5720

# Cat Equipment

## Wheel Tractor Scraper (Cont'd.)

Sales Model	S/N Prefix	BCI	CCA	Part Number
637E	1HB	4D	1000	9X-9721
637E	7CB	31	750	3T-5760
637E	7CB	4D	1125	153-5700
637G	DFJ	65	880	230-6368
637K	WTS	31	950	115-2422 & 9X-3404
651	33G	24	650	153-5656
651	33G	24	650	153-5656
651	33G	8D	1400	153-5720
651	33G	8D	1400	153-5720
651	33G	8D	1500	153-5720

Sales Model	S/N Prefix	BCI	CCA	Part Number
651E	5XR	31	750	3T-5760
651E	89Z	8D	1400	153-5720
651E	89Z	8D	1400	153-5720
651E	89Z	8D	1500	153-5720
657E	6MB	8D	1400	153-5720
657E	6MB	8D	1400	153-5720
657E	7KR	31	750	3T-5760
657E	86Z	8D	1500	153-5720
657G	W1C	65	880	230-6368
657G OEM	DXG	65	880	230-6368

# Industrial Equipment

MAKE <sup>(1)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
<b>ACCESS</b>					
SEE STERLING INDUSTRIES LLC					
<b>ACKER DRILL DIVISION</b>					
<b>CHRISTENSEN BOYLES CORPORATION</b>					
<b>Core Drills</b>					
2013-11 Mark III Hillbilly	24	420		153-5656	3T-5857
1995-90 CS1000, CS3000	4D	960		9X-9721	
1995-90 CS4000, WA-111C	4D	960		9X-9721	
1995-90 Hillbilly MK-III - Gas	24	410		153-5656	3T-5857
1995-90 Mountaineer - Gas	24	410		153-5656	3T-5857
1995-67 Ace, Bushmaster	24	410		153-5656	3T-5857
1995-65 Hillbilly M-III-Diesel	4D	960		9X-9721	
1995-65 Mountaineer - Diesel	4D	960		9X-9721	
<b>Earth Auger &amp; Core Drill</b>					
2017-16 AD-II	4D	960		9X-9721	
2013-07 AD-II, Soil Max	4D	960		9X-9721	
2013-07 Soil-XLS	24	420		153-5656	3T-5857
2013-07 Soil-XLS - Optional	31T	1000		175-4390	100-4081
2013-06 Soil Scout	24	420		153-5656	3T-5857
1995-86 Soil Max	4D	960		9X-9721	
1995-82 Soil Sentry, Soil X	24	410		153-5656	3T-5857
1995-69 AD-II - Gas	24	410		153-5656	3T-5857
1995-69 AD-II - Diesel	4D	960		9X-9721	
<b>Grout Mixer &amp; Pavement Test Drill</b>					
1995-65 Colgrouter, PT-22	24	410		153-5656	3T-5857
<b>Multi-Purpose Drill</b>					
1995-77 CS2000, MP-18	4D	960		9X-9721	
1995-77 MP-MK-V	4D	960		9X-9721	
<b>Pumping Station</b>					
1995-75 3T2-A - Electric Start	4D	960		9X-9721	
1995-75 Deutz F3L-912 - Electric Start	4D	960		9X-9721	
1995-75 Lister TS-2A - Electric Start	4D	960		9X-9721	
1995-68 All other engines - Electric Start	4D	960		153-5656	3T-5857
<b>Rotary Drills</b>					
1995-72 WA-II, WA-III C	4D	960		9X-9721	
<b>Self Propelled Drills</b>					
2013-98 MP-8 Series	4D	960		9X-9721	
2013-11 R.A.D.	24	420		153-5656	3T-5857
2012-06 Renegade	4D	960		9X-9721	
<b>Soil Sampling Drill</b>					
1993-67 Teredo MK-II - Gas	24	410		153-5656	3T-5857

MAKE <sup>(1)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
1993-67 Teredo MK-II - Diesel	4D	960		9X-9721	
<b>Tie Back Drill</b>					
1995-73 Hologater	4D	960		9X-9721	3T-5857
1995-73 Under Core Drill CS-1000	4D	960		9X-9721	
<b>ACME MACHINERY INC.</b>					
<b>Loaders</b>					
1986-79 S1-D1 Deutz	4D	840	173	9X-9721	
<b>AG CHEM EQUIPMENT</b>					
<b>RoGator</b>					
2008-07 874	31T	700	15	3T-5760	8C-3628
2008-06 1054, 1064, 1074	31T	700	15	3T-5760	8C-3628
2008 SS1074, SS874	31T	700	15	3T-5760	8C-3628
2008 SSC1074	31T	700	15	3T-5760	8C-3628
2007-06 1254, 1264, 864	31T	700	15	3T-5760	8C-3628
2007 1074C, 1268C	31T	700	15	3T-5760	8C-3628
2006 1274	31T	700	15	3T-5760	8C-3628
<b>Terra-Gator</b>					
2008-02 9103, 9105	31T	700	15	3T-5760	8C-3628
2008 3244, 6203, 8203	31T	700	15	3T-5760	8C-3628
2008 8204, 8244, 9203	31T	700	15	3T-5760	8C-3628
2008 9205	31T	700	15	3T-5760	8C-3628
2007 3104, 4104, 6103	31T	700	15	3T-5760	8C-3628
2007 8104	31T	700	15	3T-5760	8C-3628
2004-02 8144	31T	700	15	3T-5760	8C-3628
<b>AKERMAN HW INC.</b>					
<b>Formerly HEIN-WERNER CORPORATION</b>					
<b>Hydraulic Excavators</b>					
1982-74 C-12B, C-14B, C-24	8D	845	147	153-5720	628-8824
1982-74 C-28	8D	845	147	153-5720	628-8824
<b>ALLEN CONCRETE PAVERS</b>					
<b>Concrete Pavers</b>					
2017-16 255CD	26	500		8C-3600	250-0489 {32}
2016-03 255CD	26	500		8C-3600	250-0489 {32}
2016-00 150B	26	500		8C-3600	250-0489 {32}
2013-02 200C	26	500		8C-3600	250-0489 {32}
<b>Rotary Drills</b>					
2013-11 ASF 2700-HD	26	500		8C-3600	250-0489 {32}
2013-05 APWB 1800	26	500		8C-3600	250-0489 {32}
2010-05 APWB 2400	26	500		8C-3600	250-0489 {32}

1 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

2 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (4)	Replacement	
			Option 1	Option 2
<b>ALLEN ENGINEERING CORP.</b>				
<b>Concrete Finishers/Trowels</b>				
2017-99 HP 100B, HP 200	24 500	15	153-5656	3T-5857
2014-98 Pro 1200	24 500	15	153-5656	3T-5857
2013-99 Super Pro 400	24 500	15	153-5656	3T-5857
2013-97 Pro 900	24 500	15	153-5656	3T-5857
2013-97 Super Pro 450	24 500	15	153-5656	3T-5857
2013-00 Pro 1050	24 500	15	153-5656	3T-5857
<b>ALLIED SYSTEMS CO.</b>				
<b>WAGNER DIVISION Formerly RAYGO-WAGNER</b>				
<b>Coil Carrier</b>				
1981-74 CP-90, SW-600	8D 930	15	153-5720	628-8824
<b>Compactors</b>				
1975-62 RAM Models	8D 930		153-5720	628-8824
1975-62 RAM PAK Models	8D 930		153-5720	628-8824
1965-62 WC-24	4D 695	15	9X-9721	
<b>Lift Trucks</b>				
1973-62 All	8D 930	15	153-5720	628-8824
<b>Lift Trucks</b>				
1987-76 L-4120, L-470, L-480	8D 1000	15	153-5720	628-8824
1987-76 L-490	8D 1000	15	153-5720	628-8824
1987-62 L-100, L-120, L-130	8D 1000	15	153-5720	628-8824
1987-62 L-130B, L-130H, L-90	8D 1000	15	153-5720	628-8824
1987-62 LF90	8D 1000	15	153-5720	628-8824
1985-63 AP-45, L-24, L-40	8D 930	15	153-5720	628-8824
1985-63 L-70, L-80, LHR-45	8D 930	15	153-5720	628-8824
1985-63 MH-80	8D 930	15	153-5720	628-8824
1970-64 L-24 Super, L-60	4D 695	15	9X-9721	
1970-64 L-80	4D 695	15	9X-9721	
<b>Port Packers</b>				
1983-75 NCH-35, PC-9082	8D 930	15	153-5720	628-8824
1983-69 APR-45, CH-50, CH-70	8D 930	15	153-5720	628-8824
1983-69 MH-80, PC-80, PC-90	8D 930	15	153-5720	628-8824
<b>Rockhound, Steel Workers &amp; Straddle Carrier</b>				
1987-66 RH-200, STRAD-80	8D 930	15	153-5720	628-8824
1987-66 SW-80, SW-90	8D 930	15	153-5720	628-8824
<b>Wheel Tractors</b>				
1987-66 CB Series, CD Series	8D 1000	15	153-5720	628-8824
1987-66 CHD Series, DK-250	8D 1000	15	153-5720	628-8824
1987-66 SF-430	8D 1000	15	153-5720	628-8824
1972-66 WA Series- Optional	8D 1000	173	153-5720	628-8824
1972-66 WC Series- Optional	8D 1000	173	153-5720	628-8824

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (4)	Replacement	
			Option 1	Option 2
1972-66 WSC Series- Optional	8D 1000	173	153-5720	628-8824
1968-66 WA-14, WI-14, WI-17	4D 695	15	9X-9721	
1968-66 WI-24, WSC-10	4D 695	15	9X-9721	
<b>ALLIS-CHALMERS &amp; DEUTZ-ALIS</b>				
<b>INDUSTRIAL TRACTOR DIVISION</b>				
<b>Additional equipment listed in the Farm Equipment section.</b>				
<b>Fork Lifts</b>				
1984-82 766	8D 945		153-5720	628-8824
<b>ALLIS-CHALMERS CORPORATION</b>				
<b>Additional equipment listed in the Farm Equipment section.</b>				
<b>Dozers</b>				
1966-64 D-30	4D 800	15	9X-9721	
1966-63 D-40	8D 950	15	153-5720	628-8824
<b>Early Models</b>				
1968-55 HD-6, HD-7G, T-16D	4D 800	147	9X-9721	
1968-55 TL-10D, TL-12D	4D 800	147	9X-9721	
1968-53 HD-21, T-160, T-200	8D 950	15	153-5720	628-8824
1968-53 T-260, T-260E	8D 950	15	153-5720	628-8824
1968-53 TL-40D	8D 950	15	153-5720	628-8824
1968-50 HD-11, HD-16, HD-20	6D 750	15	153-5700	
1968-50 HD-6, HHD-15	6D 750	15	153-5700	
1967-65 TL-545D thru TL-745	4D 800	147	9X-9721	
1967-64 H-4, HD-4, TL-10D	30H 585	147		430-5996
1967-64 TL-12D	30H 585	147		430-5996
1967-60 HD-3	2 600	15	8C-3629	8C-3617
1967-55 T-360, T-460, T-460B	8D 950	15	153-5720	628-8824
1967-55 T-560, T-560C	8D 950	15	153-5720	628-8824
1967-51 H-3, TL-10G, TL-12G	24 400		153-5656	3T-5857
1966-58 TL-14G, TL-16D	4D 800		9X-9721	
1966-58 TL-16G, TL-20D	4D 800		9X-9721	
1966-58 TL-30D	4D 800		9X-9721	
<b>Hydraulic Excavators</b>				
1984-70 640, 644	30H 580	15	8C-3627	430-5996
1984-70 650, 700 - Diesel	30H 580	15	8C-3627	430-5996
1984-69 706B, 706C, 715B	30H 580	147	8C-3627	430-5996
1984-69 715C, 816B, 816C	30H 580	147	8C-3627	430-5996
1984-69 840B, 840C, 918, 940	30H 580	147	8C-3627	430-5996
1981-79 705C, 706C - Diesel	8D 945	147	153-5720	628-8824
1981-79 705C, 706C, 708C - Gas	30H 580		8C-3627	430-5996
1981-79 708C - Diesel	8D 945	147	153-5720	628-8824
1981-79 714B, 715B - Diesel	30H 580	15	8C-3627	430-5996
1978-75 540	24 305		153-5656	3T-5857

**3 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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4 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (6)	Replacement	
				Option 1	Option 2
1968-67 12G	6D	750	15	153-5700	
<b>Backhoe Loaders</b>					
1984-82 710C, 714C, 7151C	30H	580	147	8C-3627	430-5996
<b>Forklifts</b>					
1984-82 705D, 706D- Optional	8D	945		153-5720	628-8824
1984-82 705D, 706D, 708D	30H	580		8C-3627	430-5996
1984-82 708D, 766- Optional	8D	945		153-5720	628-8824
1984-82 766	30H	580		8C-3627	430-5996
<b>Motor Graders</b>					
1967-49 All ex. D	5D	800	15	8C-3633	—
1967-49 All ex. DD	5D	800	15	8C-3633	—
1967-49 D, DD	1	500	15	8C-3617	—
<b>ALL MAND</b>					
<b>Light Plants</b>					
2013-07 ML 15 Maxi-Lite	24	675		127-0826	—
2013-07 ML 20 Maxi-Lite	24	675		127-0826	—
2010-03 Night-Lite pro	24	675		127-0826	—
2006-97 6330 Nite-Lite	24	675		127-0826	—
2006-97 8500XL Nite-Lite	24	675		127-0826	—
2006-02 8330 Nite-Lite	24	675		127-0826	—
<b>Mini Tractor/ Loader/ Backhoes</b>					
2013-07 TLB220, TLB325	24	675		127-0826	—
2013-07 TLB425, TLB535	24	675		127-0826	—
2013-07 TLB6235	24	675		127-0826	—
2012-07 TLB225	24	675		127-0826	—
<b>AMERICAN AUGERS</b>					
<b>Horizontal Boring Machines</b>					
2013-12 DD-110, DD-115	8D	1450	15	153-5720	—
2013-12 DD-155T	8D	1450	15	153-5720	—
2013-11 DD-220T	8D	1450	15	153-5720	—
2013-10 DD-1100RS	8D	1450	15	153-5720	—
2013-08 36-600, 42-600	34	690		250-0486	127-0826
2013-08 48-900, 54-900	34	690		250-0486	127-0826
2013-08 60-1200	34	690		250-0486	127-0826
2013-08 72-1200	34	690	15	250-0486	127-0826
2013-07 DD-440	8D	1450	173	153-5720	—
2013-07 DD-440T	8D	1450	15	153-5720	—
2013-05 24-150, 30-150	34	690		250-0486	127-0826
2013-05 DD-625	8D	1450	15	153-5720	—
2010-08 84-1800 NG	34	690	15	250-0486	127-0826
2010-08 96-1800 NG	34	690	15	250-0486	127-0826
2010-07 DD-1100, DD-210	8D	1450	15	153-5720	—

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (6)	Replacement	
				Option 1	Option 2
2010-07 DD-880	8D	1450	15	153-5720	—
<b>AMERICAN ROAD EQUIPMENT CO.</b>					
<b>Agri-Loader</b>					
1980-76 650G	3EE	265		8C-3620	—
1980-76 650G- Optional	8D	900		153-5720	628-8824
<b>Lift Trucks</b>					
1971-66 720, 720-P	3EE	265		8C-3620	—
1970-68 640	2	545		8C-3629	8C-3617
1970-66 620-TC, 620-TI, 620P	24	280		153-5656	3T-5857
<b>AMHOIST</b>					
<b>AMERICAN HOIST &amp; DERRICK CO. Formerly AMERICAN STEEL DREDGE</b>					
<b>Locomotive Cranes</b>					
1987-74 -GMD, 825GMD, 830DEH	8D	935	147	153-5720	628-8824
1987-74 840-, 850-, 855DEH	8D	935	147	153-5720	628-8824
1987-68 5030DE, 7030DH	8D	935	15	153-5720	628-8824
1987-68 7040DE, 840DH	8D	935	15	153-5720	628-8824
1987-68 840DJH, 855DH, 9000	8D	935	15	153-5720	628-8824
1983-61 9000, 9000DE	7D	925	175	8C-3633	—
1976-52 825-CD, 830-CD	7D	925	175	8C-3633	—
1976-52 830-DE, 840-DE	7D	925	175	8C-3633	—
1976-52 850-DE, 880DE	7D	925	175	8C-3633	—
1963-56 830	8D	935		153-5720	628-8824
1962-56 825-CD- Cat. Eng	2	600		8C-3629	8C-3617
1962-56 825-CD, 830-CD- GM Eng	8D	950		153-5720	628-8824
1962-56 830-CD- Cat. Eng	2	600		8C-3629	8C-3617
1962-56 830-DE- Cat. Eng	2	600		8C-3629	8C-3617
1962-56 830-DE, 840-DE- GM Eng	8D	950		153-5720	628-8824
1962-56 840-DE- Cat. Eng	2	600		8C-3629	8C-3617
1962-56 850-DE- Cat. Eng	2	600		8C-3629	8C-3617
1962-56 850-DE, 880DE- GM Eng	8D	950		153-5720	628-8824
1962-56 880DE- Cat. Eng	2	600		8C-3629	8C-3617
<b>Concrete Pavers</b>					
1987-71 1000, 1100	8D	935	173	153-5720	628-8824
1987-71 12210 Series	8D	935	173	153-5720	628-8824
1987-71 7000Truck	8D	935	173	153-5720	628-8824
1987-67 100 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-67 200 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-67 300 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-67 400 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-67 500 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-67 700 Series- 24-volt	8D	935	173	153-5720	628-8824
1987-53 300 Series- Optional	2	545	175	8C-3629	8C-3617

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6 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (8)	Replacement	
			Option 1	Option 2
<b>ALLEN ENGINEERING CORP.</b>				
<b>Concrete Finishers/Trowels</b>				
	8D 935	147	153-5720	628-8824
1987-53 400 Series - Optional		175	8C-3629	8C-3617
	8D 935	147	153-5720	628-8824
1987-53 500 Series - Optional		175	8C-3629	8C-3617
	8D 935	147	153-5720	628-8824
1987-53 700 Series - Optional		175	8C-3629	8C-3617
	8D 935	147	153-5720	628-8824
1987-53 800 Series - Optional		175	8C-3629	8C-3617
	8D 935	147	153-5720	628-8824
1987-53 900 Series - Optional		175	8C-3629	8C-3617
	8D 935	147	153-5720	628-8824
1967-58 100 Series - Exc Cont & Wauk. Eng	2 550	147	8C-3629	8C-3617
1967-58 100 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-58 200 Series - Exc Cont & Wauk. Eng	2 550	147	8C-3629	8C-3617
1967-58 200 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-58 300 Series - Exc Cont & Wauk. Eng	2 550	147	8C-3629	8C-3617
1967-58 300 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-58 400 Series - Exc Cont & Wauk. Eng	2 550	147	8C-3629	8C-3617
1967-58 400 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-58 500 Series - Exc Cont & Wauk. Eng	2 550	147	8C-3629	8C-3617
1967-58 500 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-58 700 Series - Exc Cont & Wauk. Eng		147	8C-3629	8C-3617
1967-58 700 Series - w/Cont. B-427, M-330 Waukeshas Eng	2 550	147	8C-3629	8C-3617
1967-55 100 Series - Optional		15	8C-3629	8C-3617
	4D 760	147	9X-9721	
1967-55 200 Series - Optional		15	8C-3629	8C-3617
	4D 760	147	9X-9721	
1967-55 300 Series - Optional		15	8C-3629	8C-3617
	4D 760	147	9X-9721	
1967-55 400 Series - Optional		15	8C-3629	8C-3617
	4D 760	147	9X-9721	
1967-55 500 Series - Optional		15	8C-3629	8C-3617
	4D 760	147	9X-9721	

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (8)	Replacement	
			Option 1	Option 2
1967-55 700 Series - Optional	2 545	15	8C-3629	8C-3617
	4D 760	147	9X-9721	
<b>ARMLIFT</b>				
<b>SEE TG INDUSTRIES</b>				
<b>ASPHALT ZIPPER</b>				
<b>Pavement Planers/Profilers</b>				
2013-99 AZ 480	78 750		127-0826	430-5997
2013-98 AZ 360	78 750		127-0826	430-5997
2013-00 AZ 240	78 750		127-0826	430-5997
<b>ATHEY PRODUCTS CORP.</b>				
<b>3-Wheel Sweepers</b>				
1991-82 H-10-1, H-10-2	31T 625		175-4370	8C-3628
1991-82 HLD-1, HLD-2	31T 625		175-4370	8C-3628
Blades				
1991-88 AB6906	31T 915		354-3613	100-4081
1991-75 AB-6903H, AB-6904H	4D 760		9X-9721	
1991-75 AB-6905	4D 760		9X-9721	
<b>Force Feed Loaders</b>				
1991-77 7-12	30H 490		8C-3627	430-5996
1991-71 7-11D, 7-12D	4D 760		9X-9721	
1977-62 125, 7-11, 7-11G	24 440		153-5656	3T-5857
<b>Mobil Chasis</b>				
1991-87 C-1	4D 760		9X-9721	
<b>Mobil Sweepers</b>				
1999-94 H-10B-1, H-10B-2	31T 925		354-3613	100-4081
1999-93 2TE-4DBC, 2TE-4DHLC	4D 900		9X-9721	
1999-93 2TE-5DBC	4D 900		9X-9721	
1999-91 1TE-4DHL, 1TE-4DHLL	4D 900		9X-9721	
1999-91 1TE-5DBC, 2TE-4DHL	4D 900		9X-9721	
1999-85 ABD-1, ABD-2, ABDA-1	4D 900		9X-9721	
1999-85 ABDA-2, ABDB-1	4D 900		9X-9721	
1999-85 ABDB-1C, ABDB-1P	4D 900		9X-9721	
1999-85 ABDB-2, ABDB-2C	4D 900		9X-9721	
1999-85 ABDB-2P, ABDC-1	4D 900		9X-9721	
1999-85 ABDC-2, AHL-1, AHL-2	4D 900		9X-9721	
1999-85 AHLA-1, AHLA-2	4D 900		9X-9721	
1999-85 AHLB-1, AHLB-1C	4D 900		9X-9721	
1999-85 AHLB-1P, AHLB-2	4D 900		9X-9721	
1999-85 AHLB-2C, AHLB-2P	4D 900		9X-9721	
1999-85 AHL-1, AHL-2	4D 900		9X-9721	
1993-91 1TE-4DB, 1TE-4DBC	4D 900		9X-9721	
1993-91 1TE-5DB, 2TE-4DB	4D 900		9X-9721	

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8 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement	
				Option 1	Option 2
1993-91 2TE-5DB	4D	900		9X-9721	
1992-91 1TE-4GB, 2TE-4GB	30H	500		8C-3627	430-5996
1991-76 1TE-3, 1TE-4- Ford Eng	30H	490		8C-3627	628-8824
1991-76 1TE-3, 1TE-4- GM Eng	4D	760		9X-9721	430-5996
1991-76 2TE-3, 2TE-4- Ford Eng	30H	490		8C-3627	628-8824
1991-76 2TE-4- GM Eng	4D	760		9X-9721	430-5996
<b>Skidders</b>					
1981-73 PH97	24	440	15	153-5656	3T-5857
1979-72 PS130D, S130D, S97D	4D	760		9X-9721	
<b>ATLAS COPCO</b>					
<b>Self Propelled Drills</b>					
2013-12 Pit Viper 311	8D	1400		153-5720	628-8824
2013-10 DML Series, DML-SP	8D	1400		153-5720	628-8824
2013-10 Pit Viper 235	8D	1400		153-5720	628-8824
2013-10 Pit Viper 271	8D	1400		153-5720	628-8824
2013-10 Pit Viper 275	8D	1400		153-5720	628-8824
2013-10 Pit Viper 351	8D	1400		153-5720	628-8824
2013-01 DM/M3, DM25-SP, DM30	8D	1400		153-5720	628-8824
<b>Truck Mounted/Towable Drills</b>					
2013-10 RD10+, T3W, T3WDH	8D	1400		153-5720	628-8824
2013-10 T4BH	8D	1400		153-5720	628-8824
2013-05 DM45, DM50	8D	1400		153-5720	628-8824
<b>BADGER EQUIPMENT CO.</b>					
<b>Excavators</b>					
2013-11 470TM Telescopic Boom	31T	700		3T-5760	8C-3628
2011-05 1085R	31T	700	15	3T-5760	8C-3628
2011-01 1085D	31T	700	15	3T-5760	8C-3628
2000-96 1085C Cruz Air	31T	700	15	3T-5760	8C-3628
2000-96 1085D Cruz Air	31T	700	15	3T-5760	8C-3628
2000-95 450 Grademater	8D	975		153-5720	628-8824
2000-86 660-Hydro-Scopic Upper	8D	975		153-5720	628-8824
2000-86 670-Hydro-Scopic Upper	8D	975		153-5720	628-8824
2000-82 460-Hydro-Scopic Upper	30H	600	15	8C-3627	430-5996
2000-82 460, 666, 670- Carrier	8D	975		153-5720	628-8824
<b>BAKER</b>					
<b>Forklift</b>					
1961-58 All	1	525	193	8C-3617	
1961-58 All Optional	2	550	193	8C-3629	8C-3617
	2E	600	193	8C-3632 {30}	—
	2N	450	193	8C-3629 {31}	—

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement	
				Option 1	Option 2
<b>Platform &amp; Shovel loader Trucks</b>					
1961-58 PGF-020-001	2N	450		8C-3629 {31}	—
<b>Lift Trucks</b>					
1961-58 120-002, TKF-100-002	6TL	NA		5R-9119	—
1961-58 All Exc TKF-100-002	6D	880	147	153-5700	
1961-58 All Exc TKF-120-002	6D	880	147	153-5700	
<b>BARBCO</b>					
<b>Horizontal Boring Machines</b>					
2013-12 BD80	31T	950		354-3613	100-4081
2013-11 68-72-1.8MXHD	31T	950		354-3613	100-4081
2013-06 70/84-2.6MXHD	31T	950		354-3613	100-4081
2013-05 24-100, 24/30-150	31T	950		354-3613	100-4081
2013-05 30/48-350, 36/48-500	31T	950		354-3613	100-4081
2013-05 36/48-630	31T	950		354-3613	100-4081
2013-05 48/60-1.35MXHD	31T	950		354-3613	100-4081
2013-05 48/60-750, 48/60-950	31T	950		354-3613	100-4081
2013-05 60/72-1MHHD	31T	950		354-3613	100-4081
2013-05 BD120-20SC, BD250-TK	31T	950		354-3613	100-4081
2013-05 BD500-TK	31T	950		354-3613	100-4081
<b>BARBER-GREENE CO.</b>					
<b>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.</b>					
<b>Asphalt Pavers</b>					
2012-10 AP555E, BG500E	31T	950	15	354-3613	100-4081
2012-10 BG555E	31T	950	15	354-3613	100-4081
2012-08 BG600D, BG655D	31T	950	15	354-3613	100-4081
2011-06 BG260D	31T	950	15	354-3613	100-4081
2011-05 BG2455D	31T	950	15	354-3613	100-4081
1975-74 SA-41	4D	730		9X-9721	
1975-73 SA-150, SA-190	8D	900		153-5720	628-8824
1975-73 SB-140, SB-170	8D	900		153-5720	628-8824
1973-72 SB-110	27	410		153-5656	8C-3601
<b>Trenchers</b>					
1975-73 TA-30, TA-35, TA-55	4D	730	147	9X-9721	
1975-73 TA-60, TA-65, TA-77	4D	730	147	9X-9721	
1975-73 TC-30, TF-30, WL-50	4D	730	147	9X-9721	
1974-73 TA-30, TA-35- Optional	8D	900	147	153-5720	628-8824
1974-73 TA-55- Optional	8D	900	147	153-5720	628-8824
1974-73 TA-60, TA-65- Optional	8D	900	15	153-5720	628-8824
1974-73 TA-77, TC-30- Optional	8D	900	15	153-5720	628-8824
1974-73 TF-30, WL-50- Optional	8D	900	15	153-5720	628-8824

<sup>9</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

<sup>10</sup> See page 413 for further description.

# Industrial Equipment

MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement	
				Option 1	Option 2
<b>BARKO</b>					
<b>Forestry Equipment Self Propelled</b>					
2013-07 640 Industrial Crawler	8D	1400		153-5720	628-8824
<b>Forestry Equipment Stationary</b>					
2013-07 920 Industrial Tractor (Mulcher)	8D	1400		153-5720	628-8824
2013-07 937 Industrial Tractor (Mulcher)	8D	1400		153-5720	628-8824
2013-06 930 Industrial Tractor (Mulcher)	8D	1400		153-5720	628-8824
<b>Forestry Equipment Stationary</b>					
2013-94 550 Crawler	8D	1400		153-5720	628-8824
2013-08 695MH Crawler	8D	1400		153-5720	628-8824
2013-07 495ML Magnum Art. Carrier	8D	1400		153-5720	628-8824
2013-07 495ML Magnum Crawler	8D	1400		153-5720	628-8824
2013-07 595ML Magnum Art. Carrier	8D	1400		153-5720	628-8824
2013-07 595ML Magnum Crawler	8D	1400		153-5720	628-8824
2013-07 695MH Rugged SP Carrier	8D	1400		153-5720	628-8824
2013-07 795MH Heavy Duty Crawler	8D	1400		153-5720	628-8824
2013-04 295ML Magnum Art. Carrier	8D	1400		153-5720	628-8824
<b>Forestry Equipment Stationary</b>					
2013-07 295ML Magnum	8D	1400		153-5720	628-8824
2013-07 495ML Magnum	8D	1400		153-5720	628-8824
2013-07 595ML Magnum	8D	1400		153-5720	628-8824
<b>BAY CITY-MANITOWOC CORP.</b>					
<b>See also MANITOWOC</b>					
<b>The size battery used was based upon the type of engine. Measure carefully, watch voltage.</b>					
<b>Shovels &amp; Excavators</b>					
1969-58 All- Optional	6D	850	15	153-5700	
	7D	900	147	8C-3633	—
	8D	975	147	153-5720	628-8824
1967-55 200 Series- Optional			15	8C-3629	8C-3617
<b>ATHEY PRODUCTS CORP.</b>					
<b>3-Wheel Sweepers</b>					
2013-99 M1 Continuous Paver	31T	950		354-3613	100-4081
2013-99 M1E Continuous Paver	31T	950		354-3613	100-4081
2013-08 M310	31T	950		354-3613	100-4081
2013-06 M206, M208, M210	31T	950		354-3613	100-4081
2013-06 M212, M216	31T	950		354-3613	100-4081
<b>Construction Equipment Self Propelled</b>					
2013-01 WP Series Water Proofing	31T	950		354-3613	100-4081

MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement	
				Option 1	Option 2
<b>BEUTHLING MANUFACTURING CO.</b>					
<b>Compactors</b>					
2014-12 B305	24	575		153-5656	3T-5857
2014-10 B100, B200	24	575		153-5656	3T-5857
2012-11 B305	24	575		153-5656	3T-5857
2012-02 B155, B325, B335	24	575		153-5656	3T-5857
2012-02 B350	24	575		153-5656	3T-5857
2012-01 B400	24	575		153-5656	3T-5857
2011-10 B305	24	575		153-5656	3T-5857
2010-02 B100, B105, B205	24	575		153-5656	3T-5857
2010-02 B300, B305, B60, B65	24	575		153-5656	3T-5857
2010-01 B200	24	575		153-5656	3T-5857
2002 B300T	34	685		250-0486	127-0826
2000-97 B100- Kohler Eng	24	575		153-5656	3T-5857
2000-97 B100- Kubota Eng	34	685		250-0486	127-0826
2000-97 B150	24	575		153-5656	3T-5857
2000-83 B200, B200T, B300	34	685		250-0486	127-0826
1998-87 B400	34	625		250-0486	127-0826
1998-83 B350	34	625		250-0486	127-0826
1988-85 B50	U1	225		8C-3636	—
1988-82 B100, B300T	24	425		153-5656	3T-5857
<b>Rollers (Static and Vibrating)</b>					
2013	24	575		153-5656	3T-5857
2009-05 B60	24	575		153-5656	3T-5857
2009-04 B65	24	575		153-5656	3T-5857
<b>BLAW-KNOX CONSTRUCTION EQUIPMENT CO.</b>					
<b>Base Pavers</b>					
1969-58 Cont. F-266-1325	1	600		8C-3617	
1969-58 P-150, P-160	24	280		153-5656	3T-5857
1960-48 P-120, P-150	1	600		8C-3617	
<b>Bituminous Paver Finisher</b>					
1992-87 PF-150, PF-171	24	370	147	153-5656	3T-5857
1992-87 PF-172- J. Deere Eng, DD Eng	8D	935		153-5720	628-8824
1992-87 PF-180- J. Deere Eng, DD Eng	8D	935		153-5720	628-8824
1992-87 PF-180H- J. Deere Eng, DD Eng	8D	935		153-5720	628-8824
1992-87 PF-200- J. Deere Eng, DD Eng	8D	935		153-5720	628-8824
1992-81 PF-400A	30H	380		8C-3627	430-5996
1992-68 PF-220, PF-500	8D	935		153-5720	628-8824
1991-76 PF-110T, PF-110W	24	370	147	153-5656	3T-5857
1991-76 PF-115	24	370	147	153-5656	3T-5857
1988-76 PF-120H	8D	935		153-5720	628-8824

**11 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

12 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement	
				Option 1	Option 2
1988-65 PF-22, PF-25, PF-35	24	280	147	153-5656	3T-5857
1988-65 PF-65	24	280	147	153-5656	3T-5857
1982-68 DD 4-53	8D	935		153-5720	628-8824
1977-68 PF-120 - Ford 300 Eng	24	280	147	153-5656	3T-5857
1963-59 Express - GM 4-51 Eng	8D	1050		153-5720	628-8824
1963-59 PF-45, Suburban	24	210	147	153-5656	3T-5857
1963-55 PF-90, PF-90A	8D	935		153-5720	628-8824
1963-55 PF-90B	8D	935		153-5720	628-8824
<b>Hercules</b>					
1992-87 G-3000	24	280	147	153-5656	3T-5857
1963-59 JXC	1	600		8C-3617	
<b>Concrete Pavers</b>					
1968-47 34-ED, 34-ES	8D	935		153-5720	628-8824
1968-47 Slipform	8D	935		153-5720	628-8824
1966-62 SW-150, SW-300, XE	24	280		153-5656	3T-5857
1966-62 XEM	24	280		153-5656	3T-5857
<b>Hercules</b>					
1962-58 HXC, RXLD	4B	615		153-5710	
<b>Concrete Paving Spreaders &amp; Trench Rollers</b>					
1962-53 DTR-552, SD	24	210		153-5656	3T-5857
<b>Precision Subgraders</b>					
1962-58 GC	24	210		153-5656	3T-5857
<b>Road Wideners &amp; Trukmixers</b>					
1992-60 Bukaneer, DD	8D	935		153-5720	628-8824
1992-60 Hydro-Mixer, JD	8D	935		153-5720	628-8824
1992-60 RW-100	8D	935		153-5720	628-8824
1992-48 25RW, 85, 95, Ford	24	280		153-5656	3T-5857
1992-48 M-55, M-65, M45	24	280		153-5656	3T-5857
1992-48 RW-195, RW-38	24	280		153-5656	3T-5857
<b>BLOCKBUSTER</b>					
<b>Forestry Equipment Stationary</b>					
2013-98 18-20, 22-20, 22-22	34	700		250-0486	127-0826
2013-07 14-12	31T	650		175-4370	8C-3628
2013-02 15-20	31T	650		175-4370	8C-3628
<b>BOBCAT</b>					
<b>Compact Excavators</b>					
009-07 323	26	530		8C-3600	250-0489 {32}
<b>Forestry Equipment Stationary</b>					
2014-11 T630 M Series	24	600		153-5656	3T-5857
2014-11 T630 M Series- Optional	31T	950		354-3613	100-4081
2014-11 T650 M Series	24	600		153-5656	3T-5857

MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement	
				Option 1	Option 2
2014-11 T650 M Series- Optional	31T	950		354-3613	100-4081
2013-02 T180, T190	24	600		153-5656	3T-5857
2012-09 T110	24	600		153-5656	3T-5857
2010-09 T650	24	600		153-5656	3T-5857
2010-09 T650 - Optional	31T	950		354-3613	100-4081
2010-07 T320	31T	950		354-3613	100-4081
2010-03 T250, T300	31T	950		354-3613	100-4081
2010 T650	24	600		153-5656	3T-5857
2010 T650 - Optional	31T	950		354-3613	100-4081
<b>Compact Tracked Loaders</b>					
2014-11 T750 M Series	31T	950		354-3613	100-4081
2014-11 T770 M Series	31T	950		354-3613	100-4081
2014-11 T870 M Series	31T	950		354-3613	100-4081
2013-04 MT55	26	530		8C-3600	250-0489 {32}
2013-03 MT52	26	530		8C-3600	250-0489 {32}
2011-10 T870	31T	950		354-3613	100-4081
<b>Mini Excavators</b>					
2017-11 E55 - Optional	24	650		153-5656	3T-5857
	26	540		8C-3600	250-0489 {32}
2013-10 E42, E45	24	600		153-5656	3T-5857
2013-10 E42, E45 - Optional	26	530		8C-3600	250-0489 {32}
2013-10 E50	26	530		8C-3600	250-0489 {32}
2013-09 E32, E35	24	600		153-5656	3T-5857
2013-09 E32, E35 - Optional	26	530		8C-3600	250-0489 {32}
<b>Skid Steer</b>					
2014-11 S630 M Series	24	600		153-5656	3T-5857
2014-11 S630 M Series- Optional	31T	950		354-3613	100-4081
2014-11 S650 M Series	24	600		153-5656	3T-5857
2014-11 S650 M Series- Optional	31T	950		354-3613	100-4081
2014-11 S750 M Series	31T	950		354-3613	100-4081
2014-11 S850 M Series	31T	950		354-3613	100-4081
2013-11 A770	31T	950		354-3613	100-4081
A770 AWS - All Wheel Steer	31T	950		354-3613	100-4081
2013-02 S130, S150, S160	24	600		153-5656	3T-5857
2013-02 S175	24	600		153-5656	3T-5857
2013-02 S185, S205, S250	31T	950		354-3613	100-4081
2013-02 S300	31T	950		354-3613	100-4081
2012-08 S70	24	600		153-5656	3T-5857
2012-07 S100	24	600		153-5656	3T-5857

13 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

14 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (16)	Replacement	
			Option 1	Option 2
<b>BARKO</b>				
<b>Forestry Equipment Self Propelled</b>				
2012-05 S175, S205- Optional	26 530		8C-3600	250-0498 {32}
2012-05 S205	24 600		153-5656	3T-5857
2012-03 S150, S160- Optional	26 530		8C-3600	250-0489 {32}
2012-02 553, S185	24 600		153-5656	3T-5857
2012-02 A300, S220	31T 950		153-5656	100-4081
2012-02 S185- Optional	26 530		8C-3600	250-0489 {32}
2012-02 Toolcat 5600	24 600		153-5656	3T-5857
2011-10 S850	31T 950		153-5656	100-4081
2011-09 S630	24 600		153-5656	3T-5857
2011-09 S630- Optional	31T 950		153-5656	100-4081
2011-07 S330	31T 950		354-3613	100-4081
A300 AWS- All Wheel Steer	31T 950		153-5720	100-4081
2011-02 325	26 530		8C-3600	250-0489 {32}
2010-06 335	26 530		8C-3600	250-0489 {32}
2010-02 331, 337	26 530		8C-3600	250-0489 {32}
2009-06 425	26 530		8C-3600	250-0489 {32}
2008-06 323, 329	26 530		8C-3600	250-0489 {32}
2008-06 V638CB/CN	31T 950		354-3613	100-4081
2008-03 V723, V723F, V723L	31T 950		354-3613	100-4081
2008-03 Versa Handler TTC- V518	31T 950		354-3613	100-4081
2007-06 V518	31T 950		354-3613	100-4081
2007-03 V518C	31T 950		354-3613	100-4081
2007-02 322, 328, 331E, 334	26 530		8C-3600	250-0489 {32}
2007-02 341	26 530		8C-3600	250-0489 {32}
2007-02 Toolcat 5600- Optional	31A 950		430-5996	
2007-01 463	24 600		153-5656	3T-5857
2004-03 2100S, 2200	26 550		8C-3600	250-0489 {32}
2002 5600 Work Machine	24 600		153-5656	3T-5857
2002 773, 883	24 600		153-5656	3T-5857
<b>Telescopic Handler</b>				
2017-07 T2250	26 540		8C-3600	250-0489 {32}
2012-98 T2556	31A 1000		430-5996	—
2012-04 T2566	31A 1000		430-5996	—
<b>Utility Vehicles</b>				
2004-03 2100	26 550		8C-3600	250-0489 {32}

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (16)	Replacement	
			Option 1	Option 2
<b>BOMAG, U.S.A.</b>				
<b>Formerly KOEHRING BOMAG U.S.A.</b>				
<b>Compactors</b>				
1999-87 BC601, BC670RB	8D 900	15	153-5720	628-8824
1990-80 K350/P, K351, K451	8D 1250	15	153-5720	628-8824
<b>Pneumatic Compactors</b>				
1999-94 BW11R	31T 950		354-3613	100-4081
1999-94 BW9R	31T 625		175-4370	8C-3628
<b>Rollers</b>				
2013-98 BW11AS	31T 950		354-3613	100-4081
2013-94 BW11RH, BW5AS	31T 950		354-3613	100-4081
2013-08 BW284AD			9X-9721	
2013-07 BW266AD-4			9X-9721	
2013-06 BW9AS, BW9ASW	31T 950		354-3613	100-4081
1999-97 BW9AS/11AS	31T 950		354-3613	100-4081
1996-94 BW11AS	31T 950		354-3613	100-4081
1990-86 BW12R	31T 720		3T-5760	8C-3628
1990-82 BW140AD, BW142	31T 625		175-4370	8C-3628
1990-82 BW170, BW9R, D, PD	31T 625		175-4370	8C-3628
1989-85 BW10AS/12AS	31T 600		175-4370	8C-3628
1989-85 BW4AS/6AS	31T 600		175-4370	8C-3628
1984-82 BW210-6, BW210AV	4D 775		9X-9721	
1984-82 BW220AD, D, PD	4D 775		9X-9721	
1984-82 S812	2 630	15	8C-3629	8C-3617
1983-82 BW121AD, BW90A	27 500		153-5656	8C-3601
<b>Soil Stabilizers &amp; Recyclers</b>				
1999-77 MPH100	4D 775	15	9X-9721	3T-5857
1993 MPH120	4D-LT 715	15	153-5700 {30}	8C-3622
1984-82 MPH50	31T 625	15	175-4370	8C-3628
<b>Vibratory Compactors</b>				
BW124DH, BW124PDH- 40	49 600		307-0751	—
1999-95 BW137AD, BW138AD	31T 900		354-3613	100-4081
1999-94 BW144AD-2	31T 600		175-4370	8C-3628
1999-94 BW144AD-2- Optional	4D 750		9X-9721	
1999-93 BW105, BW65, BW85	48 440		430-5993	430-6001
1999-93 BW16R, BW20R	4D 750		9X-9721	
1999-88 BW100ADM, BW122D	47 420		430-6000	—
1999-88 BW151AD-2, BW161	31T 600		175-4370	8C-3628
1999-88 BW164	31T 600		175-4370	8C-3628
1999-86 BW142A, BW142AD	31T 600		175-4370	8C-3628
1999-86 BW142PD, BW142PDB	31T 600		175-4370	8C-3628
1999-85 BW100AC, BW100AD	49 600		307-0751	—
1999-85 BW118AD, BW120AC	49 600		307-0751	—

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16 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
1999-85 BW120AD, BW122PD	49	600		307-0751	—
1999-85 BW124D, BW124PD	49	600		307-0751	—
1999-85 BW124PDB, BW125AC	49	600		307-0751	—
1999-85 BW125ADH, BW130AC	49	600		307-0751	—
1999-85 BW130AD, BW135AC	49	600		307-0751	—
1999-85 BW135AD	49	600		307-0751	—
1999-85 BW141AD, BW141AD-1	4D	600		9X-9721	
1999-85 BW141AD-2	4D	600		9X-9721	
1999-84 BW151AD, BW154AD	4D	750		9X-9721	
1999-84 BW160AD1, BW160AD2	4D	750		9X-9721	
1999-84 BW160AS	4D	750		9X-9721	
1999-82 BW140AD	4D	775		9X-9721	
1999-82 BW170, BW170D	31T	625		175-4370	8C-3628
1999-82 BW170PD, BW172	31T	625		175-4370	8C-3628
1999-82 BW202	31T	625		175-4370	8C-3628
1999-77 BW210, BW212, BW213	4D	750		9X-9721	
1999-77 BW214, BW217, BW219	4D	750		9X-9721	
1999-77 BW220AD	4D	750		9X-9721	
1997-86 BW90AD	47	420		430-6000	—
1994-85 BW12R	31T	725		3T-5760	8C-3628
1993-89 1050, 850, BW650	48	440		430-5993	430-6001
1993-86 BW16R, BW20R	31T	725		3T-5760	8C-3628
1992-86 BW90ADL	48	440		430-5993	430-6001
1992-82 BW141AD	4D	775		9X-9721	
1991-86 BW217 - Optional	4D-LT	715		250-0489 {32}	628-8824
1983-82 BW121AD	27	500		153-5656	
<b>40 Series</b>					
2014-08 BW145	4D	750		9X-9721	
2014-07 BW177D, BW177DH	4D	750		9X-9721	
2014-07 BW177PDH, BW213DH	4D	750		9X-9721	
2014-07 BW213PDH	4D	750		9X-9721	
2013-07 BW211	4D	750		9X-9721	
<b>BOR-IT</b>					
<b>Horizontal Boring Machines</b>					
2013-06 Model 20, Model 24	4	975		8C-3633	—
2013-06 Model 30, Model 48	4	975		8C-3633	—
2013-06 Model 54, Model 60	4	975		8C-3633	—
2013-05 Model 36, Model 42	4	975		8C-3633	—
<b>BOXER</b>					
<b>Compact Tracked Loaders</b>					
2014-07 322D	35	300		250-0487	369-9958
2013-06 320	35	300		250-0487	369-9958

MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
<b>BREAKER</b>					
<b>Underground Mining Equipment Self Propelled</b>					
2013-07 LP-12 Base Carrier	31T	950		354-3613	100-4081
2013-07 LP-15 Base Carrier	31T	950		354-3613	100-4081
<b>BRODERSON MFG. CO., INC. (BMC)</b>					
<b>Industrial Cranes</b>					
2000-99 IC-200-3D	27	700		8C-3601	127-0826
2000-97 IC-200-1C - Gas	27	700		8C-3601	127-0826
2000-97 IC-200-1C - Diesel	31T	950		354-3613	100-4081
2000-97 IC-200-2C - Gas	27	700		8C-3601	127-0826
2000-97 IC-200-2C - Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-1F - Gas	27	700		8C-3601	127-0826
1999-98 IC-80-1F - Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-2F - Gas	27	700		8C-3601	127-0826
1999-98 IC-80-2F - Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-3F - Gas	27	700		8C-3601	127-0826
1999-98 IC-80-3F - Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-1E - Gas	24	550		153-5656	3T-5857
1999-95 IC-80-1E - Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-2E - Gas	24	550		153-5656	3T-5857
1999-95 IC-80-2E - Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-3E - Gas	24	550		153-5656	3T-5857
1999-95 IC-80-3E - Diesel	31T	950		354-3613	100-4081
1998-88 IC-200-1B - Gas	24	550		153-5656	3T-5857
1998-88 IC-200-1B - Diesel	31T	950		354-3613	100-4081
1998-88 IC-200-2B - Gas	24	550		153-5656	3T-5857
1998-88 IC-200-2B - Diesel	31T	950		354-3613	100-4081
1997-90 IC-20-D - Diesel	31T	950		354-3613	100-4081
1995-89 IC-80-1D - Diesel	31T	950		354-3613	100-4081
1995-89 IC-80-2D - Diesel	31T	950		354-3613	100-4081
1995-82 IC-80-1D - Gas	24	550		153-5656	3T-5857
1995-82 IC-80-2D - Gas	24	550		153-5656	3T-5857
1992-85 IC-200 - Gas	24	550		153-5656	3T-5857
1991-89 IC-200-1A - Diesel	31T	950		354-3613	100-4081
1991-89 IC-200-2A - Diesel	31T	950		354-3613	100-4081
1991-85 IC-200-1A - Gas	24	550		153-5656	3T-5857
1991-85 IC-200-2A - Gas	24	550		153-5656	3T-5857
1989-87 IC-20-1A - Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200 - Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200-1A - Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200-2A - Diesel	31T	625		175-4370	8C-3628

**17 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

18 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement	
				Option 1	Option 2
1989-87 IC-80-1B - Diesel	31T	625		175-4370	8C-3628
1989-82 IC-80-1B - Gas	24	470		153-5656	3T-5857
1986-85 IC-200 - Diesel	27	525		153-5656	8C-3601
1986-85 IC-200-1A - Diesel	27	540		153-5656	8C-3601
1986-85 IC-200-2A - Diesel	27	540		153-5656	8C-3601
1986-84 IC-20-1A - Diesel	24	550		153-5656	3T-5857
1986-82 IC-80-1B - Diesel	27	540		153-5656	8C-3601
1985-82 IC-180-1A	27	540		153-5656	8C-3601
<b>Pneumatic Compactors</b>					
1999-93 MH-42F - Ford Eng	24	550		153-5656	3T-5857
MH-42F - Cummins Diesel, J. Deere Eng	31T	950		354-3613	100-4081
1997-88 MH-42-B - Diesel	31T	950		354-3613	100-4081
1997-79 MH-42-B - Gas	24	550		153-5656	3T-5857
1986-79 MH-42-B - Diesel	27	525		153-5656	8C-3601
<b>Pneumatic Compactors</b>					
RTR-180- Diesel, Optional	31T	950		354-3613	100-4081
RTR-200-1A- Diesel, Optional	31T	950		354-3613	100-4081
RTR-200-2A- Diesel, Optional	31T	950		354-3613	100-4081
RTR-200-3A- Diesel, Optional	31T	950		354-3613	100-4081
1997-91 RT-300, RT-300-1	31T	950		354-3613	100-4081
1997-91 RT-300-A, RT-300-B	31T	950		354-3613	100-4081
1995-91 RTR-200-1B- Ford Eng	24	470		153-5656	3T-5857
RTR-200-1B- Cummins Diesel	31T	950		354-3613	100-4081
1995-91 RTR-200-2B- Ford Eng	24	470		153-5656	3T-5857
RTR-200-2B- Cummins Diesel	31T	950		354-3613	100-4081
1995-91 RTR-2001-2A- Diesel	24	470		153-5656	3T-5857
RTR-2001-2A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1995-91 RTR-2001-3A- Diesel	24	470		153-5656	3T-5857
RTR-2001-3A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1995-91 RTR-2001A- Diesel	24	470		153-5656	3T-5857
RTR-2001A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1991-85 RTR-2001-2A- Gas	24	470		153-5656	3T-5857
1991-85 RTR-2001-3A- Gas	24	470		153-5656	3T-5857
1991-85 RTR-2001A- Gas	24	470		153-5656	3T-5857
1990-89 RTR-80- Diesel, Optional	31T	950		354-3613	100-4081

MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement	
				Option 1	Option 2
1990-81 RTR-80- Gas	24	550		153-5656	3T-5857
1989-87 RTR-180- Diesel	31T	625		175-4370	8C-3628
1989-87 RTR-200-1A- Diesel	31T	625		175-4370	8C-3628
RTR-200-1B- J. Deere					
1989-87	31T	950		354-3613	100-4081
1989-87 RTR-200-2A- Diesel	31T	625		175-4370	8C-3628
MH-42F - Cummins Diesel, J. Deere Eng	31T	950		354-3613	100-4081
1989-87 RTR-200-3A- Diesel	31T	625		175-4370	8C-3628
1988-87 RTR-80- Diesel, Optional	31T	625		175-4370	8C-3628
1986-81 RTR-180- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-1A- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-2A- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-3A- Diesel	27	540		153-5656	8C-3601
1985-81 RTR-180- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-1A- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-2A- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-3A- Gas	24	470		153-5656	3T-5857
<b>BROOKVILLE</b>					
<b>Mining Locomotives</b>					
2013-11 30-Ton Mining Locomotive	31T	1000		175-4390	100-4081
2013-07 25-Ton Mining Locomotive	31T	1000		175-4390	100-4081
2013-04 Jitney (Carrier)	31T	1000		175-4390	100-4081
2013-04 Mining Locomotive	31T	1000		175-4390	100-4081
2013-04 Personnel Carrier	31T	1000		175-4390	100-4081
<b>Mining Personnel Carriers</b>					
2014-07 4 Man Jeepster	31T	1000	47	175-4390	100-4081
<b>Mining Utility Vehicles</b>					
2013-08 15-Ton 20 Man Tractor (Rubber Tire)	34	775	47	127-0826	—
<b>Underground Mining Equipment Self Propelled</b>					
2013-12 2-Man Maintenance Vehicle	34	775		127-0826	—
2013-12 8-Man Maintenance Vehicle	31T	1000		175-4390	100-4081
<b>BROS ROAD MACHINERY DIVISION</b>					
<b>Circulators</b>					
1966-52 CS, CS-15, CT, CT-15	1	450		8C-3617	—
<b>Compactors</b>					
1975-71 Sani-Factor II	8D	935	15	153-5720	628-8824
1974-71 Heavy Duty, Super 10	24	225		153-5656	3T-5857
1970-68 Sani-Factor	4D	760	15	9X-9721	
<b>Double Drum Rollers</b>					
1984-81 VM-255	30H	490		8C-3627	430-5996

**19 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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20 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
1984-80 VM-268, VM-278	4D	760		9X-9721	
<b>Mobile Sweepers</b>					
1975-71 TE-3, TE-4 - Diesel	30H	380		8C-3627	430-5996
1975-71 TE-3, TE-4 - Gas	60	370		3T-5857 {29}	3T-5858 {29}
<b>Preparators</b>					
1974-59 BP-5	4D	760	15	9X-9721	
<b>Pneumatic Compactors</b>					
1984-69 SP-2500-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-2800-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-3000-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-3500-D - Diesel	30H	380		8C-3627	430-5996
1984-64 SP-225D, SP-446P	4D	760		9X-9721	
1984-64 SP-4000, SP-6000	30H	475		8C-3627	430-5996
1984-64 SP-6000B, SP-735	4D	760		9X-9721	
1984-64 SP-925	4D	760		9X-9721	
1978-71 SP-2500-D, SP-2800-D	24	225		153-5656	3T-5857
1978-71 SP-3000-D, SP-3500-D	24	225		153-5656	3T-5857
1967-60 SP-10,000, SP-255D	4D	805	147	9X-9721	
1967-60 SP-2800, SP-3500	24	335	147	153-5656	3T-5857
1967-60 SP-54, SP-54B	24	335	147	153-5656	3T-5857
1967-60 SP-54BD, SP-54C	24	335	147	153-5656	3T-5857
1967-60 SP-730B, SP-735	4D	805	147	9X-9721	
1967-60 SP-915	24	335	147	153-5656	3T-5857
1967-60 SP-925	4D	805	147	9X-9721	
<b>Rotary Snow Plows</b>					
1975-60 A-107, A-66CW	24	335		153-5656	3T-5857
1975-60 A-66L-36, A-68	24	335		153-5656	3T-5857
1975-60 A-80L, A-80T, BL, BT	24	335		153-5656	3T-5857
<b>Roto Mixers</b>					
1984-59 LSPRM-84A, LSPRM-8A	4D	805	147	9X-9721	
1984-59 Reclaimer I	4D	805	147	9X-9721	
1984-59 SPRM-84B, TRM-84	4D	805	147	9X-9721	
1984-59 TRM-84B	4D	805	147	9X-9721	
<b>Vibra Factors</b>					
1984-75 168D, 168P, 168S	4D	760		8C-3627	430-5996
1984-75 SPV-627, SPV-627D	4D	760		8C-3627	430-5996
1984-74 SPV-735, SPV-735-VA	4D	960		8C-3627	430-5996
1976-66 SP-845, SPV-7	30H	380		8C-3627	430-5996
1976-66 SPV-725, SPV-730	30H	380		8C-3627	430-5996
1976-66 SPV-735, SPV-845	30H	380		8C-3627	430-5996
1967-64 VP-10, VP-10D	30H	475	147	8C-3627	430-5996

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
1967-64 VP-20D, VP-22D	30H	475	147	8C-3627	430-5996
1967-64 VP-4D, VP-4G, VP-9D	30H	475	147	8C-3627	430-5996
1967-64 VP-9G	30H	475	147	8C-3627	430-5996
1961-60 VP-9D	24	335		153-5656	3T-5857
1961-59 VP-9	1	475		8C-3617	—
<b>BROWN BEAR</b>					
<b>Forestry Equipment Self Propelled</b>					
2013-06 FS 5000 Brush Cutter	27F	710		8C-3602	250-0486
2013-05 FS 4000 Brush Cutter	27F	710		8C-3602	250-0486
<b>The size battery used was based upon the type of engine. Measure carefully, watch voltage.</b>					
<b>Cranes, Draglines, Shovels</b>					
2004-02 7820, 8050, 8200	8D	850		153-5720	628-8824
2004-02 8750	8D	850		153-5720	628-8824
2004 2570 WS	8D	850		153-5720	628-8824
1984-78 1200-C	4D	640		9X-9721	
1984-63 110Ton	8D	900		153-5720	628-8824
1976-62 C-160 - Optional	4D	640	15	9X-9721	
	8D	900		153-5720	628-8824
1967-63 25-B - Optional	4	840	15	8C-3633	—
	4D	800	147	9X-9721	
	8D	900		153-5720	628-8824
1967-63 38-B2 - Optional	30H	475		8C-3627	430-5996
	4D	805		9X-9721	
	8D	900	147	153-5720	628-8824
1967-63 61-B, 71-B	8D	900		153-5720	628-8824
1967-58 11-B, 14-B - Optional	30H	475		8C-3627	430-5996
	4	840		8C-3633	—
	4B	615		153-5710	
	4D	790		9X-9721	
	8D	900		153-5720	628-8824
1967-58 15-B	4	790	147	8C-3633	—
1967-58 15-B - Optional	4D	805		9X-9721	
1967-58 15-B, 22-B - Optional	30H	475	147	8C-3627	430-5996
1967-58 15-B, 38-B - Optional	8D	900		153-5720	628-8824
1967-58 22-B - Optional	4	790	147	8C-3633	—
	4D	805	147	9X-9721	
	8D	900	147	153-5720	628-8824
1967-58 30-B - Optional	4	790		8C-3633	—
	4D	805	147	9X-9721	
	8D	900	147	153-5720	628-8824

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22 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement	
				Option 1	Option 2
2012-05 S175, S205- Optional	26	530		8C-3600	250-0489 {32}
2012-05 S205	24	600		153-5656	3T-5857
2012-03 S150, S160- Optional	26	530		8C-3600	250-0489 {32}
2012-02 553, S185	24	600		153-5656	3T-5857
2012-02 A300, S220	31T	950		354-3613	100-4081
2012-02 S185- Optional	26	530		8C-3600	250-0489 {32}
2012-02 Toolcat 5600	24	600		153-5656	3T-5857
2011-10 S850	31T	950		354-3613	100-4081
2011-09 S630	24	600		153-5656	3T-5857
2011-09 S630- Optional	31T	950		354-3613	100-4081
2011-07 S330	31T	950		354-3613	100-4081
A300 AWS - All Wheel Steer	31T	950		354-3613	100-4081
2011-02 325	26	530		8C-3600	250-0489 {32}
2010-06 335	26	530		8C-3600	250-0489 {32}
2010-02 331, 337	26	530		8C-3600	250-0489 {32}
2009-06 425	26	530		8C-3600	250-0489 {32}
2008-06 323, 329	26	530		8C-3600	250-0489 {32}
2008-06 V638CB/CN	31T	950		354-3613	100-4081
2008-03 V723, V723F, V723L	31T	950		354-3613	100-4081
2008-03 Versa Handler TTC- V518	31T	950		354-3613	100-4081
2007-06 V518	31T	950		354-3613	100-4081
2007-03 V518C	31T	950		354-3613	100-4081
2007-02 322, 328, 331E, 334	26	530		8C-3600	250-0489 {32}
2007-02 341	26	530		8C-3600	250-0489 {32}
2007-02 Toolcat 5600- Optional	31A	950		430-5996	—
2007-01 463	24	600		153-5656	3T-5857
2004-03 2100S, 2200	26	550		8C-3600	250-0489 {32}
2002 5600 Work Machine	24	600		153-5656	3T-5857
2002 773, 883	24	600		153-5656	3T-5857
<b>Telescopic Handler</b>					
2017-07 T2250	26	540		8C-3600	250-0489 {32}
2012-98 T2556	31A	1000		430-5996	—
2012-04 T2566	31A	1000		430-5996	—
<b>Utility Vehicles</b>					
2004-03 2100	26	550		8C-3600	250-0489 {32}

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement	
				Option 1	Option 2
<b>BOMAG, U.S.A.</b>					
<b>Formerly KOEHRING BOMAG U.S.A.</b>					
<b>Compactors</b>					
1999-87 BC601, BC670RB	8D	900	15	153-5720	628-8824
1990-80 K350/P, K351, K451	8D	1250	15	153-5720	628-8824
<b>Pneumatic Compactors</b>					
1999-94 BW11R	31T	950		354-3613	100-4081
1999-94 BW9R	31T	625		175-4370	8C-3628
<b>Mining Locomotives</b>					
2013-98 BW11AS	31T	950		354-3613	100-4081
2013-94 BW11RH, BW5AS	31T	950		354-3613	100-4081
2013-08 BW284AD	4D	750		9X-9721	
2013-07 BW266AD-4	4D	750		9X-9721	
2013-06 BW9AS, BW9ASW	31T	950		354-3613	100-4081
1999-97 BW9AS/11AS	31T	950		354-3613	100-4081
1996-94 BW11AS	31T	950		354-3613	100-4081
1990-86 BW12R	31T	720		3T-5760	8C-3628
1990-82 BW140AD, BW142	31T	625		175-4370	8C-3628
1990-82 BW170, BW9R, D, PD	31T	625		175-4370	8C-3628
1989-85 BW10AS/12AS	31T	600		175-4370	8C-3628
1989-85 BW4AS/6AS	31T	600		175-4370	8C-3628
1984-82 BW210-6, BW210AV	4D	750		9X-9721	
1984-82 BW220AD, D, PD	4D	750		9X-9721	
1984-82 S812	2	630	15	8C-3629	8C-3617
1983-82 BW121AD, BW90A	27	500		153-5656	8C-3601
<b>Mining Locomotives</b>					
1999-77 MPH100	4D	775	15	9X-9721	
1993 MPH120	4D- LT	715		153-5700 {30}	8C-3622
1984-82 MPH50	31T	625	15	175-4370	8C-3628
<b>Mining Locomotives</b>					
2013-07 BW124DH, BW124PDH- 40	49	600		307-0751	—
1999-95 BW137AD, BW138AD	31T	900		354-3613	100-4081
1999-94 BW144AD-2	31T	600		175-4370	8C-3628
1999-94 BW144AD-2- Optional	4D	750		9X-9721	
1999-93 BW105, BW65, BW85	48	440		430-5993	430-6001
1999-93 BW16R, BW20R	4D	750		9X-9721	
1999-88 BW100ADM, BW122D	47	420		430-6000	—
1999-88 BW151AD-2, BW161	31T	600		175-4370	8C-3628
1999-88 BW164	31T	600		175-4370	8C-3628
1999-86 BW142A, BW142AD	31T	600		175-4370	8C-3628
1999-86 BW142PD, BW142PDB	31T	600		175-4370	8C-3628
1999-85 BW100AC, BW100AD	49	600	15	307-0751	—
1999-85 BW118AD, BW120AC	49	600		307-0751	—

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16 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
1999-85 BW120AD, BW122PD	49	600		307-0751	—
1999-85 BW124D, BW124PD	49	600		307-0751	—
1999-85 BW124PDB, BW125AC	49	600		307-0751	—
1999-85 BW125ADH, BW130AC	49	600		307-0751	—
1999-85 BW130AD, BW135AC	49	600		307-0751	—
1999-85 BW135AD	49	600		307-0751	—
1999-85 BW141AD, BW141AD-1	4D	600		9X-9721	
1999-85 BW141AD-2	4D	600		9X-9721	
1999-84 BW151AD, BW154AD	4D	750		9X-9721	
1999-84 BW160AD1, BW160AD2	4D	750		9X-9721	
1999-84 BW160AS	4D	750		9X-9721	
1999-82 BW140AD	4D	775		9X-9721	
1999-82 BW170, BW170D	31T	625		175-4370	8C-3628
1999-82 BW170PD, BW172	31T	625		175-4370	8C-3628
1999-82 BW202	31T	625		175-4370	8C-3628
1999-77 BW210, BW212, BW213	4D	750		9X-9721	
1999-77 BW214, BW217, BW219	4D	750		9X-9721	
1999-77 BW220AD	4D	750		9X-9721	
1997-86 BW90AD	47	420		430-6000	—
1994-85 BW12R	31T	725		3T-5760	8C-3628
1993-89 1050, 850, BW650	48	440		430-5993	430-6001
1993-86 BW16R, BW20R	31T	725		3T-5760	8C-3628
1992-86 BW90ADL	48	440		430-5993	430-6001
1992-82 BW141AD	4D	775		9X-9721	
1991-86 BW217 - Optional	4D- LT	715		153-5700 {30}	8C-3622
1983-82 BW121AD	27	500		153-5656	8C-3601
<b>Rotary Snow Plows</b>					
2014-08 BW145	4D	750		9X-9721	
2014-07 BW177D, BW177DH	4D	750		9X-9721	
2014-07 BW177PDH, BW213DH	4D	750		9X-9721	
2014-07 BW213PDH	4D	750		9X-9721	
2013-07 BW211	4D	750		9X-9721	
<b>BOR-IT</b>					
<b>Horizontal Boring Machines</b>					
2013-06 Model 20, Model 24	4	975		8C-3633	—
2013-06 Model 30, Model 48	4	975		8C-3633	—
2013-06 Model 54, Model 60	4	975		8C-3633	—
2013-05 Model 36, Model 42	4	975		8C-3633	—
<b>BOXER</b>					
<b>Compact Tracked Loaders</b>					
2014-07 322D	35	300		250-0487	369-9958
2013-06 320	35	300		250-0487	369-9958

MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
<b>BREAKER</b>					
<b>Underground Mining Equipment Self Propelled</b>					
2013-07 LP-12 Base Carrier	31T	950		354-3613	100-4081
2013-07 LP-15 Base Carrier	31T	950		354-3613	100-4081
<b>BRODERSON MFG. CO., INC. (BMC)</b>					
<b>Industrial Cranes</b>					
2000-99 IC-200-3D	27	700		8C-3601	127-0826
2000-97 IC-200-1C- Gas	27	700		8C-3601	127-0826
2000-97 IC-200-1C- Diesel	31T	950		354-3613	100-4081
2000-97 IC-200-2C- Gas	27	700		8C-3601	127-0826
2000-97 IC-200-2C- Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-1F- Gas	27	700		8C-3601	127-0826
1999-98 IC-80-1F- Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-2F- Gas	27	700		8C-3601	127-0826
1999-98 IC-80-2F- Diesel	31T	950		354-3613	100-4081
1999-98 IC-80-3F- Gas	27	700		8C-3601	127-0826
1999-98 IC-80-3F- Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-1E- Gas	24	550		153-5656	3T-5857
1999-95 IC-80-1E- Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-2E- Gas	24	550		153-5656	3T-5857
1999-95 IC-80-2E- Diesel	31T	950		354-3613	100-4081
1999-95 IC-80-3E- Gas	24	550		153-5656	3T-5857
1999-95 IC-80-3E- Diesel	31T	950		354-3613	100-4081
1998-88 IC-200-1B- Gas	24	550		153-5656	3T-5857
1998-88 IC-200-1B- Diesel	31T	950		354-3613	100-4081
1998-88 IC-200-2B- Gas	24	550		153-5656	3T-5857
1998-88 IC-200-2B- Diesel	31T	950		354-3613	100-4081
1997-90 IC-20-D- Diesel	31T	950		354-3613	100-4081
1995-89 IC-80-1D- Diesel	31T	950		354-3613	100-4081
1995-89 IC-80-2D- Diesel	31T	950		354-3613	100-4081
1995-82 IC-80-1D- Gas	24	550		153-5656	3T-5857
1995-82 IC-80-2D- Gas	24	550		153-5656	3T-5857
1992-85 IC-200- Gas	24	525		153-5656	3T-5857
1991-89 IC-200-1A- Diesel	31T	950		354-3613	100-4081
1991-89 IC-200-2A- Diesel	31T	950		354-3613	100-4081
1991-85 IC-200-1A- Gas	24	550		153-5656	3T-5857
1991-85 IC-200-2A- Gas	24	550		153-5656	3T-5857
1989-87 IC-20-1A- Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200- Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200-1A- Diesel	31T	625		175-4370	8C-3628
1989-87 IC-200-2A- Diesel	31T	625		175-4370	8C-3628

17 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

18 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement	
				Option 1	Option 2
1989-87 IC-80-1B- Diesel	31T	625		175-4370	8C-3628
1989-82 IC-80-1B- Gas	24	470		153-5656	3T-5857
1986-85 IC-200- Diesel	27	525		153-5656	8C-3601
1986-85 IC-200-1A- Diesel	27	540		153-5656	8C-3601
1986-85 IC-200-2A- Diesel	27	540		153-5656	8C-3601
1986-84 IC-20-1A- Diesel	24	550		153-5656	3T-5857
1986-82 IC-80-1B- Diesel	27	540		153-5656	8C-3601
1985-82 IC-180-1A	27	540		153-5656	8C-3601
<b>Mobile Hydraulic Hammers</b>					
1999-93 MH-42F- Ford Eng	24	550		153-5656	3T-5857
1999-93 MH-42F- Cummins Diesel, J. Deere Eng	31T	950		354-3613	100-4081
1997-88 MH-42-B- Diesel	31T	950		354-3613	100-4081
1997-79 MH-42-B- Gas	24	550		153-5656	3T-5857
1986-79 MH-42-B- Diesel	27	525		153-5656	8C-3601
<b>Rough Terrain Cranes</b>					
1998-89 RTR-180- Diesel, Optional	31T	950		354-3613	100-4081
1998-89 RTR-200-1A- Diesel, Optional	31T	950		354-3613	100-4081
1998-89 RTR-200-2A- Diesel, Optional	31T	950		354-3613	100-4081
1998-89 RTR-200-3A- Diesel, Optional	31T	950		354-3613	100-4081
1997-91 RT-300, RT-300-1	31T	950		354-3613	100-4081
1997-91 RT-300-A, RT-300-B	31T	950		354-3613	100-4081
1995-91 RTR-200-1B- Ford Eng	24	470		153-5656	3T-5857
1995-91 RTR-200-1B- Cummins Diesel	31T	950		354-3613	100-4081
1995-91 RTR-200-2B- Ford Eng	24	470		153-5656	3T-5857
1995-91 RTR-200-2B- Cummins Diesel	31T	950		354-3613	100-4081
1995-91 RTR-2001-2A- Diesel	24	470		153-5656	3T-5857
1995-91 RTR-2001-2A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1995-91 RTR-2001-3A- Diesel	24	470		153-5656	3T-5857
1995-91 RTR-2001-3A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1995-91 RTR-2001A- Diesel	24	470		153-5656	3T-5857
1995-91 RTR-2001A- Diesel, Optional	31T	625		175-4370	8C-3628
	31T	950		354-3613	100-4081
1991-85 RTR-2001-2A- Gas	24	470		153-5656	3T-5857
1991-85 RTR-2001-3A- Gas	24	470		153-5656	3T-5857
1991-85 RTR-2001A- Gas	24	470		153-5656	3T-5857
1990-89 RTR-80- Diesel, Optional	31T	950		354-3613	100-4081

MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement	
				Option 1	Option 2
1990-81 RTR-80- Gas	24	550		153-5656	3T-5857
1989-87 RTR-180- Diesel	31T	625		175-4370	8C-3628
1989-87 RTR-200-1A- Diesel	31T	625		175-4370	8C-3628
1989-87 RTR-200-1B- J. Deere Eng	31T	950		354-3613	100-4081
1989-87 RTR-200-2A- Diesel	31T	625		175-4370	8C-3628
1989-87 RTR-200-2B- J. Deere Eng	31T	950		354-3613	100-4081
1989-87 RTR-200-3A- Diesel	31T	625		175-4370	8C-3628
1988-87 RTR-80- Diesel, Optional	31T	625		175-4370	8C-3628
1986-81 RTR-180- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-1A- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-2A- Diesel	27	540		153-5656	8C-3601
1986-81 RTR-200-3A- Diesel	27	540		153-5656	8C-3601
1985-81 RTR-180- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-1A- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-2A- Gas	24	470		153-5656	3T-5857
1985-81 RTR-200-3A- Gas	24	470		153-5656	3T-5857

## BROOKVILLE

### Mining Locomotives

2013-11 30-Ton Mining Locomotive	31T	1000		175-4390	100-4081
2013-07 25-Ton Mining Locomotive	31T	1000		175-4390	100-4081
2013-04 Jitney (Carrier)	31T	1000		175-4390	100-4081
2013-04 Mining Locomotive	31T	1000		175-4390	100-4081
2013-04 Personnel Carrier	31T	1000		175-4390	100-4081

### Mining Personnel Carriers

2014-07 4 Man Jeepster	31T	1000		175-4390	100-4081
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### Mining Utility Vehicles

2013-08 15-Ton 20 Man Tractor (Rubber Tire)	34	775	47	127-0826	—
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### Underground Mining Equipment Self Propelled

2013-12 2-Man Maintenance Vehicle	34	775	47	127-0826	—
2013-12 8-Man Maintenance Vehicle	31T	1000		175-4390	100-4081

## BROS ROAD MACHINERY DIVISION

### Circulators

1966-52 CS, CS-15, CT, CT-15	1	450		8C-3617	—
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### Compactors

1975-71 Sani-Factor II	8D	935	15	153-5720	628-8824
1974-71 Heavy Duty, Super 10	24	225		153-5656	3T-5857
1970-68 Sani-Factor	4D	760	15	9X-9721	

### Double Drum Rollers

1984-81 VM-255	30H	490		8C-3627	430-5996
1984-80 VM-268, VM-278	4D	760		9X-9721	

#### 19 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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20 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
<b>Mobile Sweepers</b>					
1975-71 TE-3, TE-4 - Diesel	30H	380		8C-3627	430-5996
1975-71 TE-3, TE-4 - Gas	60	370		3T-5857 {29}	3T-5858 {29}
<b>Preparators</b>					
1974-59 BP-5	4D	760	15	9X-9721	
<b>Rollers</b>					
1984-69 SP-2500-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-2800-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-3000-D - Diesel	30H	380		8C-3627	430-5996
1984-69 SP-3500-D - Diesel	30H	380		8C-3627	430-5996
1984-64 SP-225D, SP-446P	4D	760		9X-9721	
1984-64 SP-4000, SP-6000	30H	475		8C-3627	430-5996
1984-64 SP-6000B, SP-735	4D	760		9X-9721	
1984-64 SP-925	4D	760		9X-9721	
1978-71 SP-2500-D, SP-2800-D	24	225		153-5656	3T-5857
1978-71 SP-3000-D, SP-3500-D	24	225		153-5656	3T-5857
1967-60 SP-10,000, SP-255D	4D	805	147	9X-9721	
1967-60 SP-2800, SP-3500	24	335	147	153-5656	3T-5857
1967-60 SP-54, SP-54B	24	335	147	153-5656	3T-5857
1967-60 SP-54BD, SP-54C	24	335	147	153-5656	3T-5857
1967-60 SP-730B, SP-735	4D	805	147	9X-9721	
1967-60 SP-915	24	335	147	153-5656	3T-5857
1967-60 SP-925	4D	805	147	9X-9721	
<b>Rotary Snow Plows</b>					
1975-60 A-107, A-66CW	24	335		153-5656	3T-5857
1975-60 A-66L-36, A-68	24	335		153-5656	3T-5857
1975-60 A-80L, A-80T, BL, BT	24	335		153-5656	3T-5857
<b>Roto Mixers</b>					
1984-59 LSPRM-84A, LSPRM-8A	4D	805	147	9X-9721	
1984-59 Reclaimer I	4D	805	147	9X-9721	
1984-59 SPRM-84B, TRM-84	4D	805	147	9X-9721	
1984-59 TRM-84B	4D	805	147	9X-9721	
<b>Horizontal Boring Machines</b>					
1984-75 168D, 168P, 168S	4D	760		9X-9721	
1984-75 SPV-627, SPV-627D	4D	760		9X-9721	
1984-74 SPV-735, SPV-735-VA	4D	760		9X-9721	
1976-66 SP-845, SPV-7	30H	380		8C-3627	430-5996
1976-66 SPV-725, SPV-730	30H	380		8C-3627	430-5996
1976-66 SPV-735, SPV-845	30H	380		8C-3627	430-5996
1967-64 VP-10, VP-10D	30H	475	147	8C-3627	430-5996

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
1967-64 VP-20D, VP-22D	30H	475	147	8C-3627	430-5996
1967-64 VP-4D, VP-4G, VP-9D	30H	475	147	8C-3627	430-5996
1967-64 VP-9G	30H	475	147	8C-3627	430-5996
1961-60 VP-9D	24	335		153-5656	3T-5857
1961-59 VP-9	1	475		8C-3617	—
<b>BROWN BEAR</b>					
<b>Forestry Equipment Self Propelled</b>					
2013-06 FS 5000 Brush Cutter	27F	710		8C-3602	250-0486
2013-05 FS 4000 Brush Cutter	27F	710		8C-3602	250-0486
<b>BUCYRUS-ERIE CO.</b>					
<b>The size battery used was based upon the type of engine. Measure carefully, watch voltage.</b>					
<b>Cranes, Draglines, Shovels</b>					
2004-02 7820, 8050, 8200	8D	850		153-5720	628-8824
2004-02 8750	8D	850		153-5720	628-8824
2004 2570 WS	8D	850		153-5720	628-8824
1984-78 1200-C	4D	640		9X-9721	
1984-63 110Ton	8D	900		153-5720	628-8824
1976-62 C-160 - Optional	4D	640	15	9X-9721	
	8D	900		153-5720	628-8824
1967-63 25-B - Optional	4	840	15	8C-3633	—
	4D	800	147	9X-9721	
	8D	900		153-5720	628-8824
1967-63 38-B2 - Optional	30H	475		8C-3627	430-5996
	4D	805		9X-9721	
	8D	900	147	153-5720	628-8824
1967-63 61-B, 71-B	8D	900		153-5720	628-8824
1967-58 11-B, 14-B - Optional	30H	475		8C-3627	430-5996
	4B	615		8C-3633	—
	4D	790		153-5710	
	8D	900		9X-9721	
	4D	805		153-5720	628-8824
1967-58 15-B	4	790	147	8C-3633	—
1967-58 15-B - Optional	4D	805		9X-9721	
1967-58 15-B, 22-B - Optional	30H	475	147	8C-3627	430-5996
1967-58 15-B, 38-B - Optional	8D	900		153-5720	628-8824
1967-58 22-B - Optional	4	790	147	8C-3633	—
	4D	805	147	9X-9721	
	8D	900	147	153-5720	628-8824
1967-58 30-B - Optional	4	790		8C-3633	—
	4D	805	147	9X-9721	
	8D	900	147	153-5720	628-8824

21 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

22 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(23)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement	
				Option 1	Option 2
1967-58 38-B- Optional	1	500		8C-3617	—
	30H	475		8C-3627	430-5996
	4	790	15	8C-3633	—
	5D	865		8C-3633	—
	7D	900	15	8C-3633	—
1967-58 88-B	1	500		8C-3617	—
1967-58 88-B- Optional	30H	500		8C-3627	430-5996
	4	840		8C-3633	—
	8D	900		153-5720	628-8824
1963-58 54-B, 71-B	4	790	148	8C-3633	—
1962-58 51B	1	500		8C-3617	—
1962-58 51B- Optional	4	790		8C-3633	—
<b>Hydraulic Hoes</b>					
1984-81 400H, 500H	27	620	148	153-5656	8C-3601
1984-78 300H, 325H	4D	640		9X-9721	
1984-70 350H, 40H	8D	900		153-5720	628-8824
1980-66 15H, 20H- Optional	4D	640	15	9X-9721	
1980-66 15H, 20H, 30H	8D	900		153-5720	628-8824
1980-66 30H- Optional	4D	640	15	9X-9721	
<b>Rough Terrain Cranes</b>					
1984-77 25XC, 30XC	4D	640		9X-9721	
1984-77 60XC, 90XC	27	620		153-5656	8C-3601
1984-66 H-3- Ford 240 Eng	30H	400		8C-3627	430-5996
1984-66 H-3- Ford 300 Eng	30H	400		8C-3627	430-5996
1984-66 H-5- Ford 240 Eng	30H	400		8C-3627	430-5996
1984-66 H-5- Ford 300 Eng	30H	400		8C-3627	430-5996
1984-66 H-5- Ford 3000 Eng	30H	400		8C-3627	430-5996
1984-66 IHC UD-236	4D	640		9X-9721	
1979-68 65-C- w/Cummins Eng	8D	900		153-5720	628-8824
1979-68 GM 6-71, GM 6-72	8D	900		153-5720	628-8824
1978-74 40-C	4D	640		9X-9721	
1978-68 45-C- Cummins, Ford	4D	640	15	9X-9721	
45-C- GM 6V-53 & DD Eng	8D	900		153-5720	628-8824
1978-68 55-C- Cummins, Ford	4D	950		9X-9721	
55-C- GM 6V-53 & DD Eng	8D	900		153-5720	628-8824
1973-68 35C- Cummins, Ford	4D	470		9X-9721	
1973-68 DD4-53N	8D	900		153-5720	628-8824
1967-66 15H	8D	900		153-5720	628-8824
1967-66 20H- Cummins Diesel	4D	805		9X-9721	
1967-66 20H- GM	8D	900		153-5720	628-8824

MAKE <sup>(23)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement	
				Option 1	Option 2
<b>Hercules</b>					
1984-66 D-3400	7D	900		8C-3633	—
<b>Rigid Haul Trucks</b>					
2011-10 MT 3300 AC	31T	900	181	354-3613	100-4081
2011-10 MT 3700 AC	31T	900	181	354-3613	100-4081
2011-10 MT 4400 AC	31T	900	181	354-3613	100-4081
2011-10 MT 5500 AC	31T	900	181	354-3613	100-4081
2011-10 MT 6300 AC	31T	900	181	354-3613	100-4081
<b>Rotary Drills</b>					
20-W- Waukeska, Ford Eng	30H	400		8C-3627	430-5996
1984-64 10-R	8D	900		153-5720	628-8824
1984-62 60-R	8D	900		153-5720	628-8824
1984-55 40-R- Cat. Eng	4	750		8C-3633	—
40-R- GM Eng, Cummins, DD Eng	8D	900		153-5720	628-8824
1984-55 45-R	8D	900		153-5720	628-8824
1984-46 22-W- Cont Eng	30H	400		8C-3627	430-5996
1984-46 22-W- All other Eng	4	750		8C-3633	—
22-W- Diesel, Buda, Hercules Eng	4D	640		9X-9721	
1984-46 36-L- Buda	4	750		8C-3633	—
1984-46 36-L- Waukeska Eng	4D	640		9X-9721	
1984-46 36-L- Cummins Diesel	8D	900		153-5720	628-8824
1978-53 Hercules	1	450		8C-3617	
1973-58 30R, 30RC	8D	900		153-5720	628-8824
	4	450		8C-3633	—
	4D	640		9X-9721	
1963-55 1-W	1	525		8C-3617	—
1962-58 24L	4	450		8C-3633	—
1955-46 LeRoi	4	805		8C-3633	—
<b>BURCO INC.</b>					
<b>Formerly BURLINGTON COMPRESSOR INC. Also AMERICAN JENBACH CORP.</b>					
<b>Engine Drvie Welders</b>					
1993-92 XL100	4D- LT	815		153-5700 {30}	8C-3622
1993-90 3000 also Stud Pak 1600	30H	650	15	153-5720	628-8824
1993-90 Stud Pak 2600	30H	650	15	153-5720	628-8824
<b>Equipment</b>					
2004-02 MSG 200 / 201S	29H	660		430-5996	—
2004-02 TS 2X400 SX / EL - PL	29H	660		430-5996	—
2004 MPM 165	29H	660		430-5996	—

**23 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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24 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement	
				Option 1	Option 2
<b>Irrigation Generators</b>					
1993-80 IG 460-7.5	24	410		153-5656	3T-5857
1993-78 IG 4 60-10	30H	650		8C-3627	430-5996
1993-78 IG 460-12, IG 460-15	30H	650		8C-3627	430-5996
1993-78 IG 460-20	30H	650		8C-3627	430-5996
<b>Irrigation Pumps</b>					
1993-78 IP 1200, IP 1750	4D- LT	815		153-5700 {30}	8C-3622
1993-78 IP 320, IP 550	30H	650		8C-3627	430-5996
1993-78 IP 700, IP 860	4D- LT	815		153-5700 {30}	8C-3622
<b>Portable Compressors</b>					
1980-54 AJ-157, AJ-2, AJ-79	4D	700	147	9X-9721	
1980-54 JW-156, JW-156L	4D	700	147	9X-9721	
1980-54 JW-600	4D	700	147	9X-9721	
1977-52 Burco 170- Optional	30H	570		8C-3627	430-5996
1977-52 Burco 170, Burco 230	4D	700		9X-9721	
1977-52 Burco 230- Optional	30H	570		8C-3627	430-5996
1977-52 JW-300- Optional	24	400		153-5656	3T-5857
1977-52 JW-300, JW-78	30H	550		8C-3627	430-5996
1977-52 JW-78L - Optional	30H	570		8C-3627	430-5996
	4D	700		9X-9721	
1977-49 JW-78	24	400		153-5656	3T-5857
<b>Rotary Snow Plows</b>					
1993-88 Enclosed version	30H	650		8C-3627	430-5996
1993-81 CG 95KW (Trailer)	30H	650	147	8C-3627	430-5996
1993-81 Sil Amp 50	30H	650	147	8C-3627	430-5996
1993-81 Sil Amp 70	30H	650	147	8C-3627	430-5996
1993-78 CG 15KW, CG 25KW	30H	650		8C-3627	430-5996
1993-78 CG 35KW	30H	650		8C-3627	430-5996
1993-78 CG 45KW, CG 55KW	4D- LT	815		153-5700 {30}	8C-3622
1993-78 CG 80KW	4D- LT	815		153-5700 {30}	8C-3622
1993-78 CG 8KW	24	410		153-5656	3T-5857
1990-80 160KW, 195KW	30H	650	15	8C-3627	430-5996
1990-80 260KW (Skid)	30H	650	15	8C-3627	430-5996
1990-80 CG 130KW	30H	650	15	8C-3627	430-5996
<b>BURRO CRANE INC.</b>					
<b>Formerly FEDERAL SIGNS &amp; SIGNAL CORP.</b>					
<b>Locomotive Cranes</b>					
2000-75 40- Diesel	8D	975	147	153-5720	628-8824
2000-75 45, 50, 55, 66, 67	8D	975	147	153-5720	628-8824
1995-66 15A, 30	5D	820	179	8C-3633	—

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement	
				Option 1	Option 2
<b>CASE CORP</b>					
<b>In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.</b>					
<b>Cranes, Draglines, Shovels</b>					
2014-10 580 N	49	850	15	307-0751	—
2013-10 580 Super N	49	850	15	307-0751	—
2013 590 Super N	49	850	15	307-0751	—
2012-10 580 N	49	850		307-0751	—
2012-10 580 Super N WT	49	850	15	307-0751	—
2011-02 580 M	31T	850		354-3613	100-4081
2011-02 580 M turbo Series 2- Turbo	31T	850		354-3613	100-4081
2011-02 Series 2, Super M	31T	850		354-3613	100-4081
2008-02 590 Super M Series 2	31T	850		354-3613	100-4081
2004-02 960	31T	850		3T-5760	8C-3628
2003-02 580C	31T	850		354-3613	100-4081
2002 310G, 420D	31T	850		354-3613	100-4081
2002 580 SLE/MXT, JCB214E	31T	850		354-3613	100-4081
<b>Compact Excavators</b>					
2008-07 B Series, CX Series	31T	850		354-3613	100-4081
<b>Compact Tracked Loaders</b>					
2013-10 TR270, TR320, TV380	31T	1000	15	175-4390	100-4081
2013 SR160	31T	1000	15	175-4390	100-4081
<b>Crawler Dozer</b>					
2012-06 650L, 750L, 821E	31T	750	15	3T-5760	8C-3628
2012-06 850L	31T	750	15	3T-5760	8C-3628
2009-02 650 K Series	31T	750	15	3T-5760	8C-3628
2008-06 H, K, L- Series	31T	700	15	3T-5760	8C-3628
2008-02 750 K Series	31T	700	15	3T-5760	8C-3628
2008-02 850 K Series	31T	700	15	3T-5760	8C-3628
2002-00 650 H Series	31T	750	15	3T-5760	8C-3628
2002-00 750 H Series	31T	700	15	3T-5760	8C-3628
2002-00 850 H Series	31T	700	15	3T-5760	8C-3628
2000-95 650 G Series	31T	750		3T-5760	8C-3628
2000-93 850 G Series	31T	700	15	3T-5760	8C-3628
<b>Crawler Dozers</b>					
2013-08 1850 K Series 3	31T	750	15	3T-5760	8C-3628
2013 1150 K Series	31T	750	15	3T-5760	8C-3628
2013 1650 L Series, 650L	31T	750	15	3T-5760	8C-3628
2013 750L, 850L	31T	700	15	3T-5760	8C-3628
1985-81 680CK H Series	31T	570		175-4370	8C-3628

**25 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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26 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(103)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (104)	Replacement	
				Option 1	Option 2
1983-81 Q185D, Q185DE	24F	525		3T-5858	250-0487
1983-78 Q125G, Q160G, Q175DE	22F	400		3T-5859	369-9958
1983-78 Q175G, Q185G, Q185GE	22F	400		3T-5859	369-9958
1982-78 Q100GE, Q85G	22F	400		3T-5859	369-9958
1980-58 Q1050SD1, Q1200RD2	8D	900	15	153-5720	628-8824
1980-58 Q1200SD1	8D	900	15	153-5720	628-8824
1979-72 750SD, Q750	8D	900	15	153-5720	628-8824
1978-60 125RD1, 85RD1, Q85DG	30H	545		8C-3627	430-5996
1978-60 Q85G	30H	545		8C-3627	430-5996
1978-58 600RD2- Optional	2E	525	15	8C-3632 {30}	—
1978-58 600RD2, 600SD1	8D	900		153-5720	628-8824
1978-58 600SD1- Optional	2E	525	15	8C-3632 {30}	—
1978-58 600SDL, Q600- Optional	2E	525	15	8C-3632 {30}	—
	8D	900		153-5720	628-8824
1977-66 260SD, 365SD1	4D	640		9X-9721	
1977-66 450RD2, 900SD1	4D	640		9X-9721	
1977-64 150RD1, 150RD2	30H	545		8C-3627	430-5996
1977-64 160RD1, 175, 300	30H	545		8C-3627	430-5996
1977-60 125RG1A, 125RG1B	3EE	375		8C-3620	—
1977-60 125RG2, 125U	3EE	375		8C-3620	—
1977-60 130RG1B, 150	3EE	375		8C-3620	—
1977-60 160-RG1	3EE	375		8C-3620	—
1977-58 125RG1, 125RG2	24	300		153-5656	3T-5857
1977-58 125TA, 85RG1	24	300		153-5656	3T-5857
1975-59 100RG1, 125G1-E	3EE	315		8C-3620	—
1975-59 75RG1, 85G1-E, 85RG1	3EE	315		8C-3620	—
1974-70 170RG2	3EE	305		8C-3620	—
1967-58 365D2, 365RD2	2E	525	15	8C-3632 {30}	—
1967-58 600D2-C	2E	525	15	8C-3632 {30}	—
1967-47 150RG2, 160D2, 160G2	1	540	15	8C-3617	—
1967-47 210D2, 210G2	1	540	15	8C-3617	—
<b>LETORNEAU INC.</b>					
<b>Container Handlers</b>					
1998-76 SST100, ST100	31T	475	173	175-4370	8C-3628
1994-77 2582CH, 2682CH	4D	650	15	9X-9721	
<b>Haul Trucks</b>					
1995-85 33-15DG, T-2240	8D	900	148	153-5720	628-8824
1995-85 Titan 33-15C	8D	900	148	153-5720	628-8824
1995-85 Titan T-2000	8D	900	148	153-5720	628-8824
<b>Industrial Equipment</b>					
1967-56 All	1	525	174	8C-3617	—

MAKE <sup>(103)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (104)	Replacement	
				Option 1	Option 2
<b>Log Stackers</b>					
2008-02 3592SL, 4592, 5092	4D	650	15	9X-9721	
2008-02 5094, 5592, 5594	4D	650	15	9X-9721	
2008-02 6592, 6594	4D	650	15	9X-9721	
2007-66 2594, 2594SS, 2694	4D	650	15	9X-9721	
2007-66 2694SS, 2794, 4594	4D	650	15	9X-9721	
<b>Wheel Dozers</b>					
1988-78 D-800	4D	650		173	9X-9721
<b>Wheel Loaders</b>					
2008-06 L-950	4D	650	148	9X-9721	
2008-02 L-1350, L-2350	8D	900	148	153-5720	628-8824
2008-02 L-1850	8D	900	15	153-5720	628-8824
2007-76 L-1100	4D	650	148	9X-9721	
2004-78 L-1400	8D	900	173	153-5720	628-8824
2004-02 L-1800	8D	900	148	153-5720	628-8824
1998-78 L-1200, L-1800	8D	900	173	153-5720	628-8824
1997-76 L-1000, L-1000B	4D	650	148	9X-9721	
1997-76 L-600, L-800	4D	650	148	9X-9721	
<b>LETORNEAU-WESTINGHOUSE</b>					
<b>See also WESTINGHOUSE AIR BRAKE</b>					
<b>Coal Haulers</b>					
1967-63 CFA-11, CFA-12	30H	500		8C-3627	430-5996
1967-63 CFA-2	30H	500		8C-3627	430-5996
1964-59 CFA4, LW-90	60	325		3T-5857 {29}	3T-5858 {29}
<b>Dump Trucks</b>					
1967-60 CFA-3, CFA-5, CFF-3	8D	950	147	153-5720	628-8824
1967-60 LW-22, LW-27, LW-32	8D	950	147	153-5720	628-8824
1967 CFA10	8D	950	147	153-5720	628-8824
1966-63 BFA-3, BFL-3, CFA-10	30H	500		8C-3627	430-5996
1966-63 CFA-5	30H	500		8C-3627	430-5996
1965-63 CFA-8- All w/Air start	30H	500		8C-3627	430-5996
1965-63 CFA-8- w/Electro-start	8D	950	15	153-5720	628-8824
1965-63 CFA-9- All w/Air start	30H	500		8C-3627	430-5996
1965-63 CFA-9- w/Electro-start	8D	950	15	153-5720	628-8824
1964-59 CFA4, LW-90	60	325		3T-5857 {29}	3T-5858 {29}
<b>Motor Graders</b>					
1971-63 All other	4	800	148	8C-3633	—
1968-63 666T- Cummins Diesel	7D	900	15	8C-3633	—
<b>Push Pack C500 —</b>					
1967-63 All	8D	950	147	153-5720	628-8824

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104 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(105)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (106)	Replacement	
				Option 1	Option 2
<b>Speedpulls \$ Turnpulls</b>					
1967-47 All- Optional	1	550	173	8C-3617	—
	8D	950	147	153-5720	628-8824
<b>Tournatractors</b>					
1967-53 C, CW	1	550	174	8C-3617	—
<b>LEIBHERR-AMERICA, INC.</b>					
<b>Crawler Cranes</b>					
2004-03 HS83	4D	1000		9X-9721	
2004-02 11200, 1130, 1160	4D	1000		9X-9721	
2004-02 1200, 1280, 1350/1	4D	1000		9X-9721	
2004-02 1400/2, 1400/2- W	4D	1000		9X-9721	
2004-02 1750, 1800, 843, 855	4D	1000		9X-9721	
2004-02 873, 885, 895, HS833	4D	1000		9X-9721	
2004-02 LR1100	4D	1000		9X-9721	
<b>Crawler Cranes</b>					
2004-02 R 984 C	4D	1000		9X-9721	
<b>Litronic</b>					
2004-03 R 900 C, R 904 C	4D	1000		9X-9721	
2004-03 R 914 B, R 924 B	4D	1000		9X-9721	
2004-03 R 934 B, R 944 B	4D	1000		9X-9721	
2004-02 R 954 B, R 964 B	4D	1000		9X-9721	
2004-02 R 974 B, R 994	4D	1000		9X-9721	
2004-02 R 994 B, R 995	4D	1000		9X-9721	
2004-02 R 996	4D	1000		9X-9721	
<b>Excavators</b>					
1983-77 991, A/R 902	4D	840	15	9X-9721	
1983-77 A/R 912, A/R 922	4D	840	15	9X-9721	
1983-77 A/R 932, A/R 942	4D	840	15	9X-9721	
1983-77 R982	4D	840	15	9X-9721	
<b>Mining Trucks</b>					
2004-03 T 252, T 262	4D	1000		9X-9721	
2004-03 T 282 B	4D	1000		9X-9721	
<b>Mobile Cranes</b>					
2008-02 1045- 3.1	4D	1000		9X-9721	
2008-02 1055- 3.1, 1060 / 2	4D	1000		9X-9721	
2008-02 1070- 4.1	4D	1000		9X-9721	
2008-02 1090- 4.1	4D	1000		9X-9721	
2008-02 1100- 4.1	4D	1000		9X-9721	
2008-02 1100- 5.1, 115-0	4D	1000		9X-9721	
2008-02 1750, 1800	4D	1000		9X-9721	
2004-02 115-0- 5.1	4D	1000		9X-9721	
2004-02 1220- 5.1	4D	1000		9X-9721	

MAKE <sup>(105)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (106)	Replacement	
				Option 1	Option 2
2004-02 1250- 6.1	4D	1000		9X-9721	
2004-02 1300- 6.1	4D	1000		9X-9721	
2004-02 1400- 7.1	4D	1000		9X-9721	
2004-02 1500- 8.1, LG 1550	4D	1000		9X-9721	
2004-02 LTC 1055- 3.1	4D	1000		9X-9721	
2004-02 LTM 1030- 2.1	4D	1000		9X-9721	
2004-02 MK100, MK80	4D	1000		9X-9721	
<b>Wheeled Excavators</b>					
2004-02 A 900 ZW	4D	1000		9X-9721	
<b>Litronic</b>					
2008-02 A 309, A 311, A 312	4D	1000		9X-9721	
2008-02 A 314, A 316	4D	1000		9X-9721	
2008-02 A 900 C	4D	1000		9X-9721	
2004-02 A 904 C, A 914 B	4D	1000		9X-9721	
2004-02 A 924 B, A 934 B	4D	1000		9X-9721	
2004-02 A 944 B HD	4D	1000		9X-9721	
2004-02 A 954 B HD, A 974 B	4D	1000		9X-9721	
2004-02 R 317	4D	1000		9X-9721	
<b>LINCOLN ELECTRONIC CO.</b>					
<b>Electric Arc Welders</b>					
1995-62 AC/DC, AC150	U1	220	147	8C-3636	—
1995-62 DC-225/3AS	U1	220	147	8C-3636	—
1995-62 Weldmanpower 150	U1	220	147	8C-3636	—
1993-87 B & S G7, G9 Pro	U1	235		8C-3636	—
1993-87 Onan G7	U1	235		8C-3636	—
1993-86 250 AC/DC	24	600		153-5656	3T-5857
1993-86 Weldmanpower 225 AC/ 210 DC	24	600		153-5656	3T-5857
1993-83 Deutz 350 Amp- Diesel	24	600		153-5656	3T-5857
1993-83 Perkins 3.09 D10	24	600		153-5656	3T-5857
1993-83 Pro	24	600		153-5656	3T-5857
1993-80 SAE-400	24	600	147	153-5656	3T-5857
1993-76 SA-250	24	650		127-0826	—
1993-70 SAM-400- Optional	4	655		8C-3633	—
1993-70 SAM-600	4	655		8C-3633	—
1993-52 SA-200- Optional	2	630	15	8C-3629	8C-3617
1993-52 SA-200, SAE-300	24	340		153-5656	3T-5857
1993-52 SAE-300- Optional	2	630	15	8C-3629	8C-3617
1993-52 SAE-400- Optional	2	630	15	8C-3629	8C-3617
1993-52 SAE-400, SAF-300	24	340		153-5656	3T-5857
1993-52 SAF-300- Optional	2	630	15	8C-3629	8C-3617
1989-64 SAM-400	24	280		153-5656	3T-5857

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106 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(107)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (108)	Replacement	
				Option 1	Option 2
1985-80 SAE-400- Optional	30H	380		8C-3627	430-5996
1985-80 SAM-400- Optional	30H	380		8C-3627	430-5996
1984-81 SAE-300, SAE-350	30H	380		8C-3627	430-5996
<b>Ranger</b>					
1995-80 8, 9	U1	235		8C-3636	—
<b>Welder/Generator</b>					
2008-02 250, 3 Phase, 305G	58	435		8C-3636	—
2004-03 SAE - 400	58	550		8C-3636	—
2004-03 SAE - 400 Severe Duty	58	550		8C-3636	—
<b>Ranger</b>					
2008-02 10,000, GTX	58	435		8C-3636	—
2004-02 305D	58	550		8C-3636	—
2004-02 305G	58	435		8C-3636	—
<b>LINDE LULL CORP.</b>					
<b>Diesel/LPG Forklifts</b>					
2008-02 H100, H16, H18, H20	31T	950		354-3613	100-4081
2008-02 H20/600CD, H20/600CT	31T	950		354-3613	100-4081
2008-02 H25CT/60D, H460	31T	950		354-3613	100-4081
2008-02 H80/900	31T	950		354-3613	100-4081
2002 H25D03, H30D03, H45D	31T	950		354-3613	100-4081
<b>LIPPMANN-MILWAUKEE, INC.</b>					
<b>Crushing Equipment</b>					
2004-02 LLD140, LLD190	4D	640		9X-9721	
2004-02 LLD200, LLD250	4D	640		9X-9721	
2004-02 LLD275, LLD35	4D	640		9X-9721	
2004-02 LLD400, LLD410	4D	640		9X-9721	
2004-02 LLD95, LLD140N	4D	640		9X-9721	
2004-02 LLD140P, LLD185N	4D	640		9X-9721	
2004-02 LLD185P, LLD80N	4D	640		9X-9721	
2004-02 LLD80P, LLD280	4D	640		9X-9721	
<b>All Portable Equipment</b>					
2004-02 HSL13, HSL15, HSL19	4D	640		9X-9721	
2004-02 HSL24, HSL26, HSL6	4D	640		9X-9721	
2004-02 HSL8, LJD1240	4D	640		9X-9721	
2004-02 LJD1430, LJD1925	4D	640		9X-9721	
2004-02 LJD460, LJD760	4D	640		9X-9721	
2004-02 LJD915, LL	4D	640		9X-9721	
1990-87 24-Volt - Diesel	4D	640	15	153-5720	628-8824
1987-78 12-cyl., 16-cyl.	4D	640	173	9X-9721	
1987-78 Thru 8-cyl.	4D	640	173	9X-9721	
<b>LISTER PETTER, INC.</b>					
<b>Formerly LISTER DIESEL, INC. &amp; WITTE ENGINES CORPORATION</b>					

MAKE <sup>(107)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (108)	Replacement	
				Option 1	Option 2
<b>Generator Sets</b>					
2008-02 LJD1240, LJD1430	4D	1000		9X-9721	
2008-02 LJD1925, LJD460	4D	1000		9X-9721	
2008-02 LJD760, LJD915	4D	1000		9X-9721	
2008-02 LLD410, LLD140N	4D	1000		9X-9721	
2008-02 LLD140P, LLD185N	4D	1000		9X-9721	
2008-02 LLD185P, LLD80	4D	1000		9X-9721	
2007-02 LLD 80 N, LLD 80 P	4D	1000		9X-9721	
<b>Natural Gas Power Plants</b>					
1991-82 HR2G	27	360		153-5656	8C-3601
1991-82 HR2G - Optional	30H	490		8C-3627	430-5996
1991-80 HR3G	30H	490		8C-3627	430-5996
1991-80 HR3G - Optional	4D	635		9X-9721	
<b>Power Units and Generator Plants</b>					
1967-65 Heavy-Duty	4D	790		9X-9721	
1967-65 Standard	24	340		153-5656	3T-5857
1964-54 100, 120	2B	455		134-0052	628-8824 {26}
<b>Stationary &amp; Portable Power Plants</b>					
1999-88 LPW 2/3/4	24F	700		250-0486	127-0826
1999-88 LPW 2/3/4 - Optional	27	550		153-5656	8C-3601
1999-88 LPWS 2/3/4	24F	700		250-0486	127-0826
1999-88 LPWS 2/3/4 - Optional	27	550		153-5656	8C-3601
1999-86 CRK3	30H	570		8C-3627	430-5996
1999-86 CRK3 - Optional	4D	635		9X-9721	
1999-85 TR1	24F	550		3T-5858	250-0487
1999-85 TS1	24F	650		3T-5858	250-0487
1999-83 TR2/3, TS2/3 - Optional	27	700	49	8C-3601	127-0826
1999-83 TX2/3 - Optional	27	700	49	8C-3601	127-0826
1999-75 AA1, AC1 - Optional	27	360		153-5656	8C-3601
1999-75 AA1, AC1, AD1, AD2	24F	280		3T-5858	250-0487
1999-75 AC2, AD1 - Optional	27	360		153-5656	8C-3601
1999-75 AD2, LPA - Optional	27	360		153-5656	8C-3601
1999-75 LPA, LPW, LPWS2/3/4	24F	280		3T-5858	250-0487
1999-75 LPW - Optional	27	360		153-5656	8C-3601
1999-75 LPWS2/3/4 - Optional	27	360		153-5656	8C-3601
1999-75 LT1, LT2 - Optional	27	360		153-5656	8C-3601
1999-75 LT1, LT2, LV1, LV2	24F	280		3T-5858	250-0487
1999-75 LV1, LV2 - Optional	27	360		153-5656	8C-3601
1999-75 P600/1/2/3, PH1/2	24F	280		3T-5858	250-0487
1999-75 P600/1/2/3 - Optional	27	360		153-5656	8C-3601
1999-75 PH1/2 - Optional	27	360		153-5656	8C-3601
1999-75 PH1/2W	24F	280		3T-5858	250-0487

107 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

108 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(109)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (110)	Replacement	
				Option 1	Option 2
1999-75 PH1/2W- Optional	27	360		153-5656	8C-3601
1998-88 LPA 2/3	24F	650		3T-5858	250-0487
1998-88 LPA 2/3- Optional	27	550		153-5656	8C-3601
1997-72 ST1, ST2- Optional	27	360		153-5656	8C-3601
1997-72 ST1, ST2, ST3, TL2/3	24F	280		3T-5858	250-0487
1997-72 ST3, TL2/3- Optional	27	360		153-5656	8C-3601
1997-72 TR1/2/3	24F	280		3T-5858	250-0487
1997-72 TR1/2/3- Optional	27	360		153-5656	8C-3601
1995-86 CR3, CRK3, HL3, HR3	30H	490		8C-3627	430-5996
1995-86 CR3, HL3- Optional	4D	635		9X-9721	
1995-86 HR3- Optional	4D	635		9X-9721	
1993-68 CS4, CS6, CST6, HL4	4D	635	147	9X-9721	
1993-68 HL6, HLT6, HR4, HR6	4D	635	147	9X-9721	
1993-68 HS6	4D	635	147	9X-9721	
1991-68 HR2	27	360		153-5656	8C-3601
1991-68 HR2- Optional	30H	490		8C-3627	430-5996
	4D	635		9X-9721	
1987-70 JA6, JAS6	6D	750	147	153-5700	
1986-75 PJ3/4	27	360		153-5656	8C-3601
1986-75 PJ3/4- Optional	30H	490		8C-3627	430-5996
<b>LITTLE GIANT CRANE &amp; SHOVEL, INC.</b>					
<b>Cranes, Shovels, Backhoes</b>					
Weldmanpower 225 AC/ 1993-86 210 DC	24	600		153-5656	3T-5857
1995-62 AC/DC, AC150	U1	220	147	8C-3636	—
1995-62 AC/DC, AC150	U1	220	147	8C-3636	—
1995-62 DC-225/3AS	U1	220	147	8C-3636	—
1995-62 Weldmanpower 150	U1	220	147	8C-3636	—
1993-87 B & S G7, G9 Pro	U1	235		8C-3636	—
1993-87 Onan G7	U1	235		8C-3636	—
1993-86 250 AC/DC	24	600		153-5656	3T-5857
Weldmanpower 225 AC/ 1993-86 210 DC	24	600		153-5656	3T-5857
1995-62 AC/DC, AC150	U1	220	147	8C-3636	—
1995-62 AC/DC, AC150	U1	220	147	8C-3636	—
1995-62 DC-225/3AS	U1	220	147	8C-3636	—
1995-62 Weldmanpower 150	U1	220	147	8C-3636	—
1993-87 B & S G7, G9 Pro	U1	235		8C-3636	—
1993-87 Onan G7	U1	235		8C-3636	—
<b>Crane Carriers</b>					
2004-02 R 984 C	4D	1000		9X-9721	
<b>Workcrane</b>					
2004-03 R 900 C, R 904 C	4D	1000		9X-9721	

MAKE <sup>(109)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (110)	Replacement	
				Option 1	Option 2
<b>Early Models</b>					
1971-46 All	30H	380		8C-3627	430-5996
<b>Generator Sets</b>					
2004 LJD1240	4D	1000		9X-9721	
<b>LITTLEFORD BROS.</b>					
<b>Asphalt Plants &amp; Brooms</b>					
1967-56 All	24	525		153-5656	3T-5857
<b>Compactors</b>					
1965-63 SE-50	8D	950		153-5720	628-8824
<b>Patchers and Vibrators</b>					
1967-54 700, D-54V	24	525		153-5656	3T-5857
<b>Pavers and Rollers</b>					
1967-58 125, 125V	22F	220		3T-5859	369-9958
1967-58 160	1	525		8C-3617	—
1967-58 308A, BPF	24	525		153-5656	3T-5857
1967-58 All- Optional	27	375		153-5656	8C-3601
<b>LOG HOG MANUFACTURING, INC.</b>					
<b>Formerly DUNHAM MFG. CO., INC.</b>					
<b>Knuckle Boom Log Loaders</b>					
1992-77 All	4D- LT	760		153-5700 {30}	8C-3622
<b>Skidding Tractors</b>					
1989-77 546, 660, 760	4D- LT	715		153-5700 {30}	8C-3622
1989-77 760- 4WD	4D- LT	715		153-5700 {30}	8C-3622
1989-77 XTR50, XTR60, XTR70	4D- LT	715		153-5700 {30}	8C-3622
1979-75 531	30H	545		8C-3627	430-5996
1979-66 440, 441, 500, 501	4D- LT	715		153-5700 {30}	8C-3622
1979-66 515	4D- LT	715		153-5700 {30}	8C-3622
1977-74 PH-97	24	280		153-5656	3T-5857
1977-74 PS-130, S-130D	4D	635	147	9X-9721	
1977-74 S-97D	4D	635		9X-9721	
<b>LONG MFG. N.C., INC.</b>					
<b>Crawler Tractors</b>					
1997-91 2260, 2310, 2360	30H	650		8C-3627	430-5996
1997-91 2460, 2510, 2610	30H	650		8C-3627	430-5996
1986-79 All 460, All 510	30H	650		8C-3627	430-5996
1986-79 All 610	30H	650		8C-3627	430-5996
<b>LONGYEAR CO.</b>					
<b>Drills &amp; Pumps</b>					
1986-80 Hydra-Core 28	24	450		153-5656	3T-5857
1986-62 24, 320, 335, 520	30H	520		8C-3627	430-5996

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110 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(111)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (112)	Replacement	
				Option 1	Option 2
1986-62 34	27	450		153-5656	8C-3601
1986-62 38, 44, HC-150	4D	850		9X-9721	
1986-62 535, 835	30H	520		8C-3627	430-5996
1986-62 Hydro 44	4D	850		9X-9721	
<b>LULL CORPORATION</b>					
<b>10 Ton Pipe &amp; Log Loader</b>					
1996-91 2044B- Diesel	31T	925	15	354-3613	100-4081
1990-72 2044, 4-71- Diesel	8D	1000		153-5720	628-8824
1975-66 Chrysler	4D	700		9X-9721	
<b>15 Ton Pipe Holder</b>					
1996-95 644B, 844C	31T	625	147	175-4370	8C-3628
1996-89 3044- Diesel	31T	950	15	354-3613	100-4081
<b>DynaLugger Pole Handling Unit</b>					
1981-75 4-71	8D	900		153-5720	628-8824
1975-64 Chrysler	4D	700		9X-9721	
<b>Early Models</b>					
1967-64 All	60	235		3T-5857 {29}	3T-5858 {29}
<b>High Lift Fork Loaders</b>					
1994-86 522- Diesel	31T	925	165	354-3613	100-4081
1993-92 1522- Diesel, Turbo	31T	925		354-3613	100-4081
1993-92 622B, 644- Diesel	31T	925		354-3613	100-4081
1993-89 824B- Diesel, Turbo	31T	925	147	354-3613	100-4081
1993-89 844B- Diesel, Turbo	31T	925	147	354-3613	100-4081
1992-91 Falcon 600	31T	925	147	354-3613	100-4081
1992-85 1044B- Diesel, Turbo	4	940	15	8C-3633	—
1992-85 644- Diesel, Turbo	4	940	15	8C-3633	—
1992-85 824- Diesel, Turbo	4	940	15	8C-3633	—
1992-85 824B- Diesel, Turbo	4	940	15	8C-3633	—
1991-86 522, 544, 622- Diesel	4	940	15, 172	8C-3633	—
1991-86 622B- Diesel	4	940	15, 172	8C-3633	—
1991-75 1044- Diesel, Turbo	4	940	15	8C-3633	—
1991-75 1522- Diesel, Turbo	4	940	15	8C-3633	—
1991-75 844- Diesel, Turbo	4	940	15	8C-3633	—
1988-79 544, 622, 644- Diesel	2	590	15	8C-3629	8C-3617
1987-84 844- Diesel	2	590	15	8C-3629	8C-3617
1983-81 2094	8D	1000		153-5720	628-8824
1983-80 422- Diesel	2	590	15	8C-3629	8C-3617
1983-80 422- Gas	60	370		3T-5857 {29}	3T-5858 {29}
1983-64 400, 4D3, 4D4, 4D4B	60	370		3T-5857 {29}	3T-5858 {29}
1983-64 7C1, 7C2	60	370		3T-5857 {29}	3T-5858 {29}

MAKE <sup>(111)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (112)	Replacement	
				Option 1	Option 2
<b>Generator Sets</b>					
1981-76 544, 644, 844- Gas	24	355		153-5656	3T-5857
1971-65 Loader- 4WD	4D	700		9X-9721	
<b>M-R-S MANUFACTURING</b>					
Additional equipment listed in the Farm Equipment section.					
<b>Industrial Tractors</b>					
1980-72 I-100S, I-105S	8D	845	147	153-5720	628-8824
1980-72 I-110S, I-90S, I-95S	8D	845	147	153-5720	628-8824
1980-65 I-115S, I-120	8D	845	147	153-5720	628-8824
1980-59 250	24	500	15, 168	153-5656	3T-5857
1970-64 I-80S, I-80T	30H	580	15	8C-3627	430-5996
1967-63 200- Cummins Diesel	24	500		153-5656	3T-5857
1967-63 A-100, A-105, A-80	30H	580	147	8C-3627	430-5996
1967-63 A-80B, A-80CS, A-90	30H	580	147	8C-3627	430-5996
1967-63 A-90B	30H	580	147	8C-3627	430-5996
1967-63 I-100, I-105, I-110	30H	580	173	8C-3627	430-5996
1967-63 I-90	30H	580	173	8C-3627	430-5996
1967-52 125, 150, 150C, 190	8D	950	147	153-5720	628-8824
1962-61 A-100, A-105, A-90	6TL	600		5R-9119	—
1962-61 A-95, I-100, I-105	6TL	600		5R-9119	—
1962-61 I-110, I-90	6TL	600		5R-9119	—
1959-56 250- Electric Start	9D	1200	175	—	—
1959-54 200- Cummins Diesel	8D	950	15	153-5720	628-8824
1958-56 250	8D	950	168	153-5720	628-8824
1953-52 72	3	645		8C-3629	8C-3617
1952 125, 150	7D	850	15	8C-3633	—
<b>MAC DON INDUSTRIES LTD.</b>					
<b>Windrowers</b>					
2007-02 9250, 9352I	27	620		153-5656	8C-3601
<b>Pull Type</b>					
2007-05 3020	27	620		153-5656	8C-3601
<b>MACHINERY DISTRIBUTION, INC.</b>					
<b>MITSUBISHI HEAVY INDUSTRIES</b>					
<b>Excavators</b>					
1987-81 8, MS120-2, MS180-3	4D	830	15	9X-9721	
1987-81 MS1600, MS450-8	8D	980	148	153-5720	628-8824
1987-81 MS180LC-8, MS240LC-8	4D	830	15	9X-9721	
1987-81 MS230LC-3, MS280-2	8D	980	15	153-5720	628-8824
1987-81 MS300LC-8, MS380-2	8D	980	15	153-5720	628-8824
1987-81 MS580	8D	980	148	153-5720	628-8824
<b>Forklift</b>					
20, 25, 30, 35, 50	24	500	147	153-5656	3T-5857
500	24	500	147	153-5656	3T-5857

111 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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112 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(113)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (114)	Replacement	
				Option 1	Option 2
<b>Motor Graders &amp; Wheel Loaders</b>					
1987-85 WS200A	27	340		153-5656	8C-3601
1987-80 MG100, MG150	30H	360	15	8C-3627	430-5996
1987-79 MG300, MG400, MG500	4D	550	15	9X-9721	
<b>MANITOWOC CRANES, INC.</b>					
Formerly MANITOWOC ENGINEERING CO. See also BAY CITY-MANITOWOC					
<b>Lattice Boom Truck Cranes</b>					
2008-02 2250T	8D	1400		153-5720	628-8824
2008 228 Wagon Crane	8D	1400		153-5720	628-8824
2007-02 777T	8D	1400		153-5720	628-8824
2007 227 Wagon Crane	8D	1400		153-5720	628-8824
2006 226 Wagon Crane	8D	1400		153-5720	628-8824
2005 225 Wagon Crane	8D	1400		153-5720	628-8824
2004 224 Wagon Crane	8D	1400		153-5720	628-8824
2003 223 Wagon Crane	8D	1400		153-5720	628-8824
2002 222 Wagon Crane	8D	1400		153-5720	628-8824
<b>Crawler Cranes</b>					
2008-02 10000, 1015, 111	8D	1400		153-5720	628-8824
2008-02 12000, 15000, 16000	8D	1400		153-5720	628-8824
2008-02 180, 18000, 21000	8D	1400		153-5720	628-8824
2008-02 222, 2250, 5000	8D	1400		153-5720	628-8824
2008-02 5500, 555, 777, 8000	8D	1400		153-5720	628-8824
2008-02 8500, 999	8D	1400		153-5720	628-8824
2007-06 11000	8D	1400		153-5720	628-8824
2000-95 2100, 2250, 777, 888	8D	1100	15	153-5720	628-8824
2000-95 888r	8D	1100	15	153-5720	628-8824
1995-92 M-1200R, M-250	8D	1100	147	153-5720	628-8824
1995-92 M-85W	8D	1100	147	153-5720	628-8824
1995-75 6000W, 6400W, 7000W	8D	1100	15	153-5720	628-8824
1995-75 Pilot House	8D	1100	15	153-5720	628-8824
1995-73 2900WC, 3000W, 3600	8D	1100	15	153-5720	628-8824
1995-73 3900	8D	1100	15	153-5720	628-8824
1995-62 3900W, 4000W, 4100W	8D	1100	15	153-5720	628-8824
1995-62 4600	8D	1100	15	153-5720	628-8824
1992-91 M-85W	31T	950	148	354-3613	100-4081
M-50W, M-65W- Optional	31T	950	15	354-3613	100-4081
M-80W, M-85W- Optional	8D	1100	15	354-3613	100-4081
1992-85 M-50W, M-65W, M-80W	8D	1100		153-5720	628-8824
1992-85 M-85W	8D	935		153-5720	628-8824
1972-58 2000-B, 2300, 300-B	8D	935	15	153-5720	628-8824
1972-58 3000, 3000-A, 3100	8D 935	220	15	153-5720	628-8824

MAKE <sup>(113)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (114)	Replacement	
				Option 1	Option 2
1972-58 3400, 3500, 3600	8D	935	15	153-5720	628-8824
1972-58 3900, 4000, 4100	8D	935	15	153-5720	628-8824
1972-52 1600 - Most other Eng	8D	935	147	153-5720	628-8824
1972-52 1600, 4500 - Cummins	2	545		8C-3629	8C-3617
1972-52 4500 - Most other Eng	8D	935	147	153-5720	628-8824
<b>Hoist Cranes</b>					
1995-67 290, 390, 560	8D	1100	15	153-5720	628-8824
<b>Platform Ringer</b>					
1995-67 36, 60	8D	1100	15	153-5720	628-8824
<b>Trucks Cranes/Carriers</b>					
2000-92 777T, M250T	8D	1100	15	153-5720	628-8824
1992-64 2900T, 3900T	8D	1100	15	153-5720	628-8824
1991-85 M100T, M80W	8D	1100	15	153-5720	628-8824
1972-56 2800 - Cummins Diesel	2	545	148	8C-3629	8C-3617
1972-56 2800, 2900 - Other Eng	8D	935	147	153-5720	628-8824
1972-56 2900 - Cummins Diesel	2	545	148	8C-3629	8C-3617
<b>MANLIFT</b>					
See GROVE MANLIFT					
<b>MARATHON LETOURNEAU CO.</b>					
See LETOURNEAU CO.					
<b>Haul Trucks</b>					
1991-85 33-15D, T-2000	8D	900	148	153-5720	628-8824
1991-85 T-2240, Titan 33-15C	8D	900	148	153-5720	628-8824
<b>Log Stackers &amp; Wheel Dozers</b>					
1991-66 2594, 2594SS, 2694	4D	650	148	9X-9721	
1991-66 2694SS, 2794, 5594	4D	650	148	9X-9721	
1991-66 6594, D-800	4D	650	148	9X-9721	
<b>Wheel Loaders</b>					
1991-82 L-1000, L-1000B	4D	650	173	9X-9721	
1991-82 L-1100	4D	650	173	9X-9721	
1991-78 L-1200, L-1400	8D	900	173	153-5720	628-8824
1988-76 L-600, L-800	4D	650	148	9X-9721	
<b>MARION</b>					
<b>Air Compressors</b>					
1967-64 183M	24	375		153-5656	3T-5857
<b>Excavators &amp; Power Shovels</b>					
1967-62 65M-75M	8D	950	147	153-5720	628-8824
1967-60 43M - Cat D-318G Eng	1	525		8C-3617	—
1967-58 362 - Cat D-1300 Eng	2	525		8C-3629	8C-3617
1967-58 362 - All other Eng	8D	950	147	153-5720	628-8824
1967-58 372 - Cat D-1300 Eng	2	525		8C-3629	8C-3617
1967-58 372 - All other Eng	8D	950	147	153-5720	628-8824

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114 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(115)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (116)	Replacement	
				Option 1	Option 2
1967-58 43M- All other Eng	8D	950	147	153-5720	628-8824
1965-52 83M- w/Buda- Cat. D- 375 Eng	1	525		8C-3617	—
1965-52 All- Cat D-353 Eng	24	375		153-5656	3T-5857
1965-52 All- Cummins V-12525 & VT-1200	7D	900	175	8C-3633	—
1965-52 All- Cat D337F & DD Twin 6-71 Eng	8D	950	147	153-5720	628-8824
1965-52 All- Other Cummins	8D	950	15	153-5720	628-8824
1959-58 43M- Cat D-318G Eng	2	525		8C-3629	8C-3617
1959-52 All- Buda 6DC-1879 & 6DCB-1742 Eng	4D	640		8C-3629	8C-3617
<b>MASSEY-FERGUSON</b>					
Additional equipment listed in the Farm Equipment section.					
<b>Crawler Tractors</b>					
1968-65 MF-2244	30H	545		8C-3627	430-5996
<b>Industrial Wheel Tractors</b>					
1982-76 MF-20C- Optional	30H	545		8C-3627	430-5996
1982-76 MF-20C, MF-30B	24	470		153-5656	3T-5857
1982-76 MF-30B- Optional	30H	545		8C-3627	430-5996
1982-76 MF-40B- Optional	27	580		153-5656	8C-3601
	30H	545		8C-3627	430-5996
1982-76 MF-50C- Optional	24	470	15	153-5656	3T-5857
	4D	775	15	8C-3633	—
1981-78 MF-60	24	525	15	153-5656	3T-5857
	24	545	15	153-5656	3T-5857
<b>Shovel Loaders</b>					
1974-64 470- Gas	30H	550	165	354-3613	100-4081
1974-64 470- Diesel	4D	775		354-3613	100-4081
1963-62 MF-365	30H	475		354-3613	100-4081
1962 MF-365- Gas, Optional	24	265		153-5656	3T-5857
1961-59 1001	3EE	375		8C-3620	—
<b>MASTER CONSOLIDATED CORP.</b>					
<b>Riding Trowels</b>					
1985-74 RF2B4, RF3B3	U1	220		8C-3636	—
<b>MAXON</b>					
<b>MARINE INDUSTRIES, INC.</b>					
<b>Concrete Spreaders</b>					
1974-58 20-C- Ford Eng, Cont Eng	24	375		153-5656	3T-5857
1974-58 20-C, 20-D- GM Eng	4D	790		9X-9721	
1974-58 20-D- Ford Eng, Cont Eng	24	375		153-5656	3T-5857
1974-58 20-S- Ford Eng, Cont Eng	24	375		153-5656	3T-5857
1974-58 20-S, DS-1 - GM Eng	4D	790		9X-9721	
1974-58 DS-1 - Ford Eng, Cont Eng	24	375		153-5656	3T-5857

MAKE <sup>(115)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (116)	Replacement	
				Option 1	Option 2
<b>Generator Sets</b>					
1974-58 DS-2- Ford Eng, Cont Eng	24	375		153-5656	3T-5857
1974-58 DS-2- GM Eng	4D	790		9X-9721	
<b>MEC</b>					
See MAYVILLE ENGINEERING CO.					
<b>MELROE COMPANY</b>					
Formerly CLARK EQUIPMENT CO. INGERSOLL-RAND					
<b>Bobcat Fellar Buncher</b>					
1986-85 1213	31P	700		430-5996	127-0826 {29}
1986-79 1080, 1080C	27	410	15	153-5656	8C-3601
<b>Bobcat Loaders</b>					
2000-99 751, 753, 763, 773	24	600		153-5656	3T-5857
2000-99 863, 864, 873, 963	24	600		153-5656	3T-5857
2000-99 963- Diesel	24	600		153-5656	3T-5857
2000-95 450	24	530		153-5656	3T-5857
2000-95 453, 553, 751- Diesel	24	530		153-5656	3T-5857
2000-76 310, 313, 440, 440B	24	370		153-5656	3T-5857
2000-76 443- Diesel	24	370		153-5656	3T-5857
1998-97 963- Diesel	31T	950		354-3613	100-4081
1998-96 864	31T	950		354-3613	100-4081
1998-90 753, 763, 773	31P	625		430-5996	8C-3627
1987-81 843B, 853, 863, 864	31P	700	15	430-5996	127-0826 {29}
1987-81 873	31P	700	148	430-5996	127-0826 {29}
1997-95 863, 873, 953	31P	950		430-5996	—
1995-91 7753- Diesel	31P	625		430-5996	8C-3627
1995-72 742, 742B, 825	27	410		153-5656	8C-3601
1994-83 1600- Diesel	31P	1000		430-5996	—
1994-83 2400, 943, 974, 975	31P	1000		430-5996	—
1994-83 980	31P	1000		430-5996	—
1994-81 643	31P	625		430-5996	8C-3627
1994-80 731, 741, 743, 743B	31P	600		430-5996	8C-3627
1994-80 753	31P	600		430-5996	8C-3627
1994-76 530, 533, 540, 542B	24	370		153-5656	3T-5857
1994-76 543- Diesel	24	370		153-5656	3T-5857
1993-84 843- Diesel	31P	700	15	430-5996	127-0826 {29}
1993-81 631, 641	31P	600		430-5996	8C-3627
1993-81 642, 642B	27	410		153-5656	8C-3601
1986-81 2000	24	370	15	153-5656	3T-5857
1986-74 974, 975- Diesel	27	410	15	153-5656	8C-3601
1985-81 843- Diesel	24	370	15	153-5656	3T-5857
1981-77 630, 632- Optional	24	370		153-5656	3T-5857

115 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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116 See page 413 for further description.

MAKE <sup>(117)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (118)	Replacement	
				Option 1	Option 2
	27	410		153-5656	8C-3601
1981-72 610	24	370		153-5656	3T-5857
1980-78 730, 732	24	370		153-5656	3T-5857
1980-78 730, 732- Optional	27	410		153-5656	8C-3601
<b>Bobcat Trenchers</b>					
1992-89 3022	31P	625		430-5996	8C-3627
1992-89 3023- Diesel	31P	625		430-5996	8C-3627
1992-87 T116	55	380		8C-3611	—
1992-87 T116D- Diesel	55	380		8C-3611	—
1992-87 T135	70	405		7X-6100 {32}	250-0489 {32}
1992-87 T136- Diesel	70	405		7X-6100 {32}	250-0489 {32}
<b>Early Models</b>					
1975-66 All M Series	27	410	147	153-5656	8C-3601
1972-71 CCK- Wisconsin Eng	60	400		3T-5857 {29}	3T-5858 {29}
1972-66 K662- Wisconsin Eng	60	400		3T-5857 {29}	3T-5858 {29}
<b>Excavators</b>					
1995-93 331, 337- Diesel	24	575		153-5656	3T-5857
<b>MIDMARK CORP.</b>					
<b>Trenchers</b>					
1984-82 440	31T	625		175-4370	8C-3628
1984-79 140	55	380		8C-3611	—
1984-72 200, 201, 202, 220	71	350		7X-6100 {32}	250-0489 {32}
1984-72 300, 300A, 321, 400	71	350		7X-6100 {32}	250-0489 {32}
1984-72 400A, 401A	71	350		7X-6100 {32}	250-0489 {32}
<b>MINI-EXCAVATOR</b>					
2000-93 320, 322, 325- Diesel	26	500	15	8C-3600	{32}
2000-93 328, 331, 337- Diesel	26	500	147	8C-3600	250-0489 {32}
<b>MINNEAPOLIS-MOLINE</b>					
<b>Additional equipment listed in the Farm Equipment Section</b>					
<b>Crawler Tractors</b>					
1962-60 W-10, W-12- Diesel	30H	500	15	8C-3627	430-5996
<b>Lift Trucks</b>					
1971-68 MY-40, MY-50- Diesel	30H	500	15	8C-3627	430-5996
1971-67 MY-60- Diesel	24	400	147	153-5656	3T-5857
1971-67 WC-20 thru WC-60	24	400	147	153-5656	3T-5857
1971-66 MSB-20 thru MSB-35	22F	300		3T-5859	369-9958
1971-63 MA-20 thru MA-60	24	400		153-5656	3T-5857
1971-63 MSA-20 thru MSA-35	24	400		153-5656	3T-5857

MAKE <sup>(117)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (118)	Replacement	
				Option 1	Option 2
<b>MINUTEMAN</b>					
<b>(see HAKO, MINUTEMAN)</b>					
<b>MOBILE DRILLING CO., INC.</b>					
<b>Early Models</b>					
1976-62 B-40H, B-50, B-56	24	340		153-5656	3T-5857
1976-62 B-61, Strokemaster	24	340		153-5656	3T-5857
1973-62 B-30, B-38, B-40L	1	450		8C-3617	—
1973-62 B-40M	1	450		8C-3617	—
<b>Earth Drills</b>					
1995-62 B-40L, B-47, B-57	27	460		153-5656	8C-3601
1995-62 B-61, B-80, B31, B34	27	460		153-5656	8C-3601
1995-62 B53	27	460		153-5656	8C-3601
1991-68 All- Diesel	4D	760	147	9X-9721	
<b>MOODY NORTHWEST CO.</b>					
<b>Mounted Machines</b>					
1995-76 1200C, 180D, 190D	4D	750	15	9X-9721	
1995-76 45DH, 50 Series	4D	750	15	9X-9721	
1995-76 55 Series, 60HT, 65	4D	750	15	9X-9721	
1995-76 70D, 70HT, 8070, 80D	4D	750	15	9X-9721	
1995-76 95, 9570	4D	750	15	9X-9721	
1983-77 100DH	4D	750	173	9X-9721	
1981-78 All- Cat 3306NA & 3306T	4D	750	15	9X-9721	
1981-77 All- w/DD 6V-71N	4D	750		9X-9721	
1981-76 41- Cat. Eng	4D	750	15	9X-9721	
1981-76 All- DD 4-71N Eng	4D	750		9X-9721	
1980-76 6	4D	750	147	9X-9721	
1979-76 30DH- w/DD 6V-71N	4D	750		9X-9721	
1979-76 35DH- w/DD 6V-71N	4D	750		9X-9721	
1979-76 All- Cat. Eng	4D	750	15	9X-9721	
1979-76 All- Murphy Eng	4D	750	15	9X-9721	
1978-76 28D- Cat. Eng, Murphy Eng, DD 4-71N Eng	4D	750	15	9X-9721	
1981-62 MAJ, MJB, MJC, NB	4D	750	147	9X-9721	
<b>MULTI-CLEAN</b>					
<b>FLOORING MACHINES</b>					
Flipper FE- 24-volt	U1	-	3,15	8C-3636	—
<b>MURPHY</b>					
<b>Diesel Engs</b>					
1973-58 All	4D	1000		9X-9721	
<b>MWM DIESEL INC.</b>					
<b>Formerly MWM-MURPHY DIESEL CO.</b>					
1988-84 D226-6, D327-6- Diesel	4	810	15	8C-3633	—

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118 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(119)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (120)	Replacement		MAKE <sup>(121)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (120)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1988-84 TBD234 - Diesel	4	810	15	8C-3633	—	1985-70 NH, NHE, NHEL, NHL	60	360		3T-5857 {29}	3T-5858 {29}
1988-84 TD226-6 - Diesel	4	810	15	8C-3633	—	1985-70 SK, SKB	60	360		3T-5857 {29}	3T-5858 {29}
1988-83 D202-2, D302-1 - Diesel	60	360		3T-5857 {29}	3T-5858 {29}	1985-64 DJC, DTA, DYA, DYJ	2	565	15	8C-3629	8C-3617
1988-83 D202-3, D226-2 - Diesel	30H	400		153-5720	628-8824	1985-62 CCK - Housed	22F	380		3T-5859	369-9958
1988-83 D226-3, D226-4 - Diesel	31T	475		153-5720	628-8824	1985-62 CCK - Unhoused	60	360		3T-5857 {29}	3T-5858 {29}
1988-83 D302-2 - Diesel	60	360		3T-5857 {29}	3T-5858 {29}	1985-62 MCKK, MDJA, MDJB	1	450	147	8C-3617	—
1988-83 D302-3, D327-2 - Diesel	30H	400		8C-3627	430-5996	1985-62 MDJC, MDJE, MJA, MJB 1	450	550	147	8C-3617	—
1988-83 D327-3, D327-4 - Diesel	31T	475		175-4370	8C-3628	1985-62 MJC	1	450	147	8C-3617	—
1988-83 T D226-4 - Diesel	31T	475		175-4370	8C-3628	1985-60 EC, EF, EK, EM, EN	3EE	360	147	8C-3620	—
1988-66 232 Series - Diesel	4D	640	15	9X-9721		1985-60 ENT	3EE	360	147	8C-3620	—
1988-66 AD Series - Diesel	4D	640	15	9X-9721		1985-60 MDJC, MDJF, MDTA	2	565	15	8C-3629	8C-3617
1988-66 D234, MP - Diesel	4D	640	15	9X-9721		1985-60 MSDL	2	565	15	8C-3629	8C-3617
1984 D234 - Diesel	7D	835		8C-3633	—	1985-59 DF models, DHB	8D	975	148	153-5720	628-8824
<b>NAMCO</b>											
<b>Forklift</b>											
1990-85 G-2000, G-2500	U1	230		8C-3636	—	1985-58 AJ, AK - Unhoused	1	450	15	8C-3617	—
1990-85 L-2000, L-2500	U1	230		8C-3636	—	1985-58 AJ, AK - Housed	60	360		3T-5857 {29}	3T-5858 {29}
1986-66 SLC-2015G, SLC-2020G	24	225		153-5656	3T-5857	1985-58 BF, BFA, BGA, BGAL	60	360		3T-5857 {29}	3T-5858 {29}
1986-66 SLC-2525, SPLC-2524	24	225		153-5656	3T-5857	1985-58 BGE, BGEL	60	360		3T-5857 {29}	3T-5858 {29}
1975-62 All	24	225		153-5656	3T-5857	1985-55 6JB, 705JB, JC	60	360		3T-5857 {29}	3T-5858 {29}
<b>Tow Tractors</b>											
1986-62 All	24	225		153-5656	3T-5857	1985-55 LK, LKB	1	450	15	8C-3617	—
<b>NAPCO</b>											
<b>Loaders</b>											
1969-64 42 thru 44PDD	4	900	15	8C-3633	—	1985-45 CCKB, CK, CW, DJA	1	450	15	8C-3617	—
1969-58 42 thru 44PG	60	375		3T-5857 {29}	3T-5858 {29}	1985-45 DJB, DJC, DJE	1	450	15	8C-3617	—
<b>NATIONAL OILWELL</b>											
<b>Formerly OILWELL</b>											
<b>Power Units</b>											
<b>Single Cylinder</b>											
1990-58 F-28, F-32, F-42	4D	760		9X-9721		1985-42 RDJC, RDJF, RJC, W2C	1	450	15	8C-3617	—
1990-46 98, B, B-12, C, C-15	24	435		153-5656	3T-5857	1985-42 W2S, W3S	1	450	15	8C-3617	—
1990-46 C-19, E-15, E-20	24	435		153-5656	3T-5857	1985 MAJB	60	260		3T-5857 {29}	3T-5858 {29}
1975-47 BD, CD - Diesel	24	370		153-5656	3T-5857	1984-68 DYB, DYC, DYD, DYG	8D	975	15	153-5720	628-8824
1967-57 98, B, B-12 - Optional	27	380		153-5656	8C-3601	1984-68 DYH - If used w/ transfer switch	8D	975	15	153-5720	628-8824
1967-57 C, C-15 - Optional	27	380		153-5656	8C-3601	1983-49 DAY, DBY, DCV, DDA	2	565	15	8C-3629	8C-3617
1967-57 C-19, E-15 - Optional	27	380		153-5656	8C-3601	1983-49 DDB, DEF, DEG, DEH	2	565	15	8C-3629	8C-3617
1967-57 E-20 - Optional	27	380		153-5656	8C-3601	1983-49 DES, DKS	2	565	15	8C-3629	8C-3617
<b>Two Cylinder</b>											
1971-65 F-70, F-90	4D	760		9X-9721		1982-59 DZB, DZC, DZD, KB	3EE	360	147	8C-3620	—
<b>NELSON, N.P.</b>											
						1982-59 KR	3EE	360	147	8C-3620	—
						1981-62 MAJ, MJB, MJC, NB	1	450	15	8C-3617	—
						1975-68 FT	8D	935	15	153-5720	628-8824
						1975-60 DRN, DSL, DSP, JA	1	450	15	8C-3617	—
						1975-60 MDSL	1	450	15	8C-3617	—
						1970-59 MDZB	3EE	360		8C-3620	—
						1969-58 Early models - Optional	1	450	15	8C-3617	—
						1966-42 Early models	3EE	380		8C-3620	—

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120 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(121)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (122)	Replacement	
				Option 1	Option 2
1962-54 41- Cat D-339 Eng	2	600		8C-3629	8C-3617
<b>OLIVER</b>					
See also <b>WHITE-OLIVER</b>					
Additional equipment listed in the Farm Equipment Section					
<b>Crawler Tractors</b>					
1965-63 OC-9- Diesel	8D	900	147	153-5720	628-8824
1965-45 FDE- Diesel	8D	900	147	153-5720	628-8824
1965-45 OC-18	8D	900	147	153-5720	628-8824
1965-45 OC-96- Diesel	8D	900	147	153-5720	628-8824
1965-44 AG-6, AG-6H- Diesel	2	600	147	8C-3629	8C-3617
1965-44 OC-4 3cyl- Diesel	2	600	147	8C-3629	8C-3617
1962-45 OC-9- Diesel, Optional	8D	900	147	153-5720	628-8824
1962-39 DD, DG- Diesel	4D	800	147	9X-9721	
1962-39 OC-15	4D	800	147	9X-9721	
1962-39 OC-9, OC-96- Diesel	4D	800	147	9X-9721	
1961-55 OC-12	7D	850		8C-3633	—
1961-55 OC-12- Diesel	8D	950		153-5720	628-8824
1960-51 OC-3	1	500	147	8C-3617	—
1960-51 OC-4- 4-Cyl Eng	1	500	147	8C-3617	—
1960-51 OC-6	1	500	147	8C-3617	—
<b>ONAN</b>					
<b>D.W. ONAN</b>					
<b>Early Models</b>					
1975-63 10JC, 15JC, 6JB	60	360		3T-5857 {29}	3T-5858 {29}
1975-63 705JB	60	360		3T-5857 {29}	3T-5858 {29}
1975-62 WB, WC, WF, WK	8D	935	15	153-5720	628-8824
1975-59 WA, WE	5D	820	15	8C-3633	—
1975-58 10HC, 10XRAY, 15HC	30-HR	380		430-5996	250-0486 {29}
1975-58 15HQ	30-HR	380		430-5996	250-0486 {29}
1975-58 35JJ, 50KA, 75HR	2	565	15	8C-3629	8C-3617
1975-42 10HC, 4JB, 5JB	1	450	147	8C-3617	—
1975-42 706JB	1	450	147	8C-3617	—
1963 10JC, 15JC- Unhoused	60	510		3T-5857 {29}	3T-5858 {29}
<b>Generator Sets</b>					
1985-84 DKC, DKD	22F	380		3T-5859	369-9958
1985-84 DVA, DVB, DVC, DVD	31T	700	15	3T-5760	8C-3628
1985-84 DVE	31T	700	15	3T-5760	8C-3628
1985-82 DL4, DL4B, DL6, DL6B	31T	530		175-4370	8C-3628
1985-82 DL6TB	31T	530		175-4370	8C-3628
1985-70 EK, EM- Optional	24	300		3T-5857 {29}	3T-5858 {29}

MAKE <sup>(121)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (122)	Replacement	
				Option 1	Option 2
1985-70 NH, NHE, NHEL, NHL	60	360		3T-5857 {29}	3T-5858 {29}
1985-70 SK, SKB	60	360		3T-5857 {29}	3T-5858 {29}
1985-64 DJC, DTA, DYA, DYJ	2	565	15	8C-3629	8C-3617
1985-62 CCK- Housed	22F	380		3T-5859	369-9958
1985-62 CCK- Unhoused	60	360		3T-5857 {29}	3T-5858 {29}
1985-62 MCCK, MDJA, MDJB	1	450	147	8C-3617	—
1985-62 MDJC, MDJE, MJA, MJB 1	450	550	147	8C-3617	—
1985-62 MJC	1	450	147	8C-3617	—
1985-60 EC, EF, EK, EM, EN	3EE	360	147	8C-3620	—
1985-60 ENT	3EE	360	147	8C-3620	—
1985-60 MDJC, MDJF, MDTA	2	565	15	8C-3629	8C-3617
1985-60 MSDL	2	565	15	8C-3629	8C-3617
1985-59 DF models, DHB	8D	975	148	153-5720	628-8824
1985-58 AJ, AK- Unhoused	1	450	15	8C-3617	—
1985-58 AJ, AK- Housed	60	360		3T-5857 {29}	3T-5858 {29}
1985-58 BF, BFA, BGA, BGAL	60	360		3T-5857 {29}	3T-5858 {29}
1985-58 BGE, BGEL	60	360		3T-5857 {29}	3T-5858 {29}
1985-55 6JB, 705JB, JC	60	360		3T-5857 {29}	3T-5858 {29}
1985-55 LK, LKB	1	450	15	8C-3617	—
1985-45 CCKB, CK, CW, DJA	1	450	15	8C-3617	—
1985-45 DJB, DJC, DJE	1	450	15	8C-3617	—
1985-42 RDJC, RDJF, RJC, W2C	1	450	15	8C-3617	—
1985-42 W2S, W3S	1	450	15	8C-3617	—
1985 MAJB	60	260		3T-5857 {29}	3T-5858 {29}
1984-68 DYB, DYC, DYD, DYG	8D	975	15	153-5720	628-8824
1984-68 DYH- If used w/ transfer switch	8D	975	15	153-5720	628-8824
1983-49 DAY, DBY, DCV, DDA	2	565	15	8C-3629	8C-3617
1983-49 DDB, DEF, DEG, DEH	2	565	15	8C-3629	8C-3617
1983-49 DES, DKS	2	565	15	8C-3629	8C-3617
1982-59 DZB, DZC, DZD, KB	3EE	360	147	8C-3620	—
1982-59 KR	3EE	360	147	8C-3620	—
1981-62 MAJ, MJB, MJC, NB	1	450	15	8C-3617	—
1975-68 FT	8D	935	15	153-5720	628-8824
1975-60 DRN, DSL, DSP, JA	1	450	15	8C-3617	—
1975-60 MDSL	1	450	15	8C-3617	—
1970-59 MDZB	3EE	360		8C-3620	—
1969-58 Early models- Optional	1	450	15	8C-3617	—
1966-42 Early models	3EE	380		8C-3620	—

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122 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(123)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (124)	Replacement	
				Option 1	Option 2
1965-62 DZB, DZC- Optional	2	630	15	8C-3629	8C-3617
1965-62 DZD, KB, KR- Optional	2	630	15	8C-3629	8C-3617
1964 DSP	2	565	15	8C-3629	8C-3617
1961-58 LH, LKB- Optional	3EE	360		8C-3620	—
<b>ORTON CRANE &amp; SHOVEL CO.</b>					
<b>Cranes &amp; Excavators</b>					
1963-61 35M, 37M- Other Engs	1	525	147	8C-3617	—
1963-61 35M, 37M- Cummins	30H	525	15	8C-3627	430-5996
<b>Locomotive and Wacker Cranes</b>					
1970-47 All- Optional	7D	900	147	8C-3633	—
	8D	900	147	153-5720	628-8824
<b>OSGOOD-GENERAL</b>					
<b>Cranes &amp; Excavators</b>					
1963-57 35-M, 37-M- Other Engs	1	525	39	8C-3617	—
1963-57 35-M, 37-M- Cummins	30H	500	39	8C-3627	430-5996
<b>OTTAWA STEEL PRODUCTS</b>					
<b>DAYBROOK-OTTAWA CORP., YOUNG OTTAWA, INC.</b>					
<b>Self-Propelled Hydra Hammers</b>					
1969-50 Commando, H-10, M-11	24	325		153-5656	3T-5857
1969-50 M-8	24	325		153-5656	3T-5857
<b>OWATONNA MFG. CO., INC.</b>					
<b>Additional equipment listed in the Farm Equipment Section</b>					
<b>Industrial Loaders</b>					
1983-77 1700 Series T/C, 780	24	500	147	153-5656	3T-5857
1983-76 310, 312	U1	180		8C-3636	—
1983-76 345- Diesel, Optional	31T	625		175-4370	8C-3628
1983-76 440- Diesel, Optional	31T	625		175-4370	8C-3628
1983-76 441- Diesel, Optional	31T	625		175-4370	8C-3628
1983-76 445- Diesel, Optional	31T	625		175-4370	8C-3628
1983-76 545- Diesel, Optional	31T	625		175-4370	8C-3628
1983-76 770- Diesel, Optional	31T	625		175-4370	8C-3628
1983-73 320, 345, 440, 441	24	500		153-5656	3T-5857
1983-73 445	24	500		153-5656	3T-5857
1983-71 440, 770, 880- Diesel	30H	520	147	8C-3627	430-5996
1980-76 1700 Series T/C-Optional	31T	625		175-4370	8C-3628
1980-76 780- Optional	31T	625		175-4370	8C-3628
1979-71 1700 Series T/C-Optional	30H	520		8C-3627	430-5996
1979-71 330 Series, 770	24	300		153-5656	3T-5857
1979-71 780- Optional	30H	520		8C-3627	430-5996
1979-68 1200 Series	24	300		153-5656	3T-5857
1979-68 1700 Series	24	300		153-5656	3T-5857

MAKE <sup>(123)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (124)	Replacement	
				Option 1	Option 2
1975-69 1700 Series T/C Optional	24	300	173	153-5656	3T-5857
1975-69 780- Optional	24	300	15	153-5656	3T-5857
<b>P.K. LINSAY CO., INC.</b>					
<b>Portable Air Compressors</b>					
2000-95 30KE, 55RK	24	370		153-5656	3T-5857
2000-89 80NC, 80WC	24	370		153-5656	3T-5857
2000-84 175QD- Standard	30H	600		8C-3627	430-5996
2000-84 185QD	30H	600		8C-3627	430-5996
2000-80 125QD	30H	550		8C-3627	430-5996
2000-80 160QD- Standard	30H	550		8C-3627	430-5996
2000-80 80KC, 80KUB	30H	550		8C-3627	430-5996
1998-94 185QD	30H	550		8C-3627	430-5996
1998-63 25, 33, 40, 40H, 55	24	370		153-5656	3T-5857
1998-63 55H, 80, 80H	24	370		153-5656	3T-5857
1991-80 80D- Optional	30H	550		8C-3627	430-5996
	4D	760		9X-9721	
1991-71 160QD- w/cold start	30H	470	15	8C-3627	430-5996
1991-71 175	30H	470	15	8C-3627	430-5996
1991-71 175QD- w/cold start	30H	470	15	8C-3627	430-5996
1991-64 125, 125Q, 150, 150Q	30H	455		8C-3627	430-5996
1967-66 25	22F	225		3T-5859	369-9958
1962-52 33, 55, 80	2E	550		8C-3632 {30}	—
1953 55	2L	400		8C-3629 {25}	8C-3617 {25}
<b>PARSON DIVISION</b>					
<b>KOEHRING PARSONS</b>					
<b>In the absence of a cranking performance specification by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.</b>					
<b>Dumptors</b>					
1975-62 100-1A, 140-1A, 1860	8D	900		153-5720	628-8824
<b>Trenchers &amp; Trenchmobiles</b>					
1976-72 75	24F	410		3T-5858	250-0487
1975-68 155A, 255A, 355A	5D	720		8C-3633	—
1975-68 600, 700, 736W	5D	720		8C-3633	—
1970-52 88, 88-1B	1	450		8C-3617	—
<b>Trenchliners</b>					
1976-54 150-1A, 150-W	5D	720		8C-3633	—
1976-54 155-1A, 155-A, 155-L	5D	720		8C-3633	—
1976-54 170-1A, 170-W, 180	5D	720		8C-3633	—
1976-54 180-W, 250, 255-1A	5D	720		8C-3633	—
1976-54 255-A, 255-L, 35	5D	720		8C-3633	—
1976-54 355-A	5D	720		8C-3633	—

**123 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

124 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(125)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (126)	Replacement	
				Option 1	Option 2
1975-62 131-1A, 131-W	24	410		153-5656	3T-5857
1975-62 133-1A, 331-W	24	410		153-5656	3T-5857
1970-58 77-1A, 77-L	1	450		8C-3617	—
1970-55 310 - Cat D-318G Eng	4D	960		9X-9721	
1970-55 310, 410 - Other Eng	5D	720		8C-3633	—
1970-55 410 - Cat D-318G Eng	4D	960		9X-9721	
1970-55 420 - Cat D-318G Eng	4D	960		9X-9721	
1970-55 420 - Other Eng	5D	720		8C-3633	—
1967-65 724L	24	315		153-5656	3T-5857
1960-58 130-1A	5D	720		8C-3633	—
<b>Vibratory Plows</b>					
1976-68 DP100, DP80	8D	900	15	153-5720	628-8824
<b>PENNDRILL MFG. DIVISION</b>					
<b>Auger &amp; Core Drills</b>					
1975-65 B, H, JE	24	290		153-5656	3T-5857
1964-51 B, H, JE	1	550		8C-3617	—
<b>PETTIBONE CORPORATION</b>					
<b>PETTIBONE MICHIGAN DIVISON</b>					
<b>Cary-Lifts</b>					
1999-90 10, 15, 20, 25, 30	8D	975		153-5720	628-8824
1999-90 40, 70, Super 8	8D	975		153-5720	628-8824
<b>Coil Handler</b>					
1999-90 All	8D	975		153-5720	628-8824
<b>Cranes</b>					
1999-90 36MK, 40MK	8D	975		153-5720	628-8824
<b>Extendo Forklifts</b>					
1999-90 All	4D	900		9X-9721	
<b>Speed Swings</b>					
1999-90 360, 441, 445	8D	975		153-5720	628-8824
<b>Hydraulic Cranes</b>					
1984-83 100SCp, 36SCp, 40SCp	4D	960	15	9X-9721	
1984-83 130SCp	8D	975	15	153-5720	628-8824
1984-83 16MKp, 20MKp, 25MKp	4D	960		9X-9721	
1984-83 30MKp, 36MKp, 40MKp	4D	960		9X-9721	
1984-83 45SCp, 60SCp, 80MKp	4D	960	15	9X-9721	
1984-83 80SCp	4D	960	15	9X-9721	
<b>Multikranes</b>					
1971-70 30CM, 30SC, 70SC	4D	900	15	9X-9721	
1971-65 40CM, 50CM, 70, 90SC	7D	900	15	8C-3633	—
1971-63 15, 20 - Hercules Eng	30H	525	173	8C-3627	430-5996
1971-63 15, 20 - Most other Eng	7D	900	15	8C-3633	—
1971-63 15, 20, 25 - Cummins	4D	900	15	9X-9721	

MAKE <sup>(125)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (126)	Replacement	
				Option 1	Option 2
1971-63 25, 30 - Hercules Eng	30H	525	173	8C-3627	430-5996
1971-63 25, 30 - Most other Eng	7D	900	15	8C-3633	—
1971-63 30 - Cummins	4D	900	15	9X-9721	
1962 25	27	400		153-5656	8C-3601
<b>Road Graders</b>					
1971-58 All	5D	720	15	8C-3633	—
<b>Truckcranes</b>					
1971-63 All	30H	540		8C-3627	430-5996
<b>PFAHLER</b>					
<b>Ken-Roll Rollers</b>					
1967-59 All	24	325		153-5656	3T-5857
<b>Ken-Seal Asphalt Applicators</b>					
1967-61 All	24	325		153-5656	3T-5857
<b>PIONEER ENGINEERING</b>					
<b>Mine, Pit &amp; Quarry Equipment</b>					
1963-52 All	6D	880	147	153-5700	
<b>PORTEC, INC.</b>					
<b>Pioneer Pavers</b>					
1975-73 All	27	650		153-5656	8C-3601
<b>Portable Crushing Plants</b>					
1975-70 All	8D	900		153-5720	628-8824
1963-58 All	6D	875	147	153-5700	
<b>POWER CURBERS, INC.</b>					
<b>Power Curber</b>					
2004-03 440, Extrader- 150	24	575		153-5656	3T-5857
2004-03 S700 - B	24	575		153-5656	3T-5857
<b>Slip-form Paver</b>					
1999-78 3500, 5500, 5700	24	410	147	153-5656	3T-5857
1999-78 5700B, 6700, 8700	24	410	147	153-5656	3T-5857
<b>PRIME MOVER CO.</b>					
<b>Forklifts &amp; Loaders</b>					
1991-79 LD-50 - J. Deere Eng	30H	545		8C-3627	430-5996
1991-79 LL-40 - J. Deere Eng	30H	545		8C-3627	430-5996
1991-78 LD-50, LL-40 - Cont Eng	27	385		153-5656	8C-3601
<b>Mason Tenders, Platform Trucks &amp; Powered Buggies</b>					
1991-60 F-20, F-40A, L-32	24	260		153-5656	3T-5857
1991-60 L-36, M-20	24	260		153-5656	3T-5857
<b>Skid Steer</b>					
1991-81 L-1200, L-1300	24	440		153-5656	3T-5857
1991-81 L-925, L-930	24	440		153-5656	3T-5857
1988-80 L-1200 - Optional	3ET	400		8C-3620 {27}	—

125 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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126 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(127)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (128)	Replacement	
				Option 1	Option 2
1988-80 L-930 - Optional	3ET	400		8C-3620 {27}	—
<b>PUCKETT BROS. MFG. CO., INC.</b>					
<b>Asphalt Pavers &amp; Rollers</b>					
1990-74 S-240, T-450, T-450D	70	525		7X-6100 {32}	250-0489 {32}
1990-74 T-650, T-650BD	70	525		7X-6100 {32}	250-0489 {32}
<b>Concrete Curbers &amp; Utility Graders</b>					
1990-75 510B, 510D, SF-820D	31T	925		354-3613	100-4081
<b>Truck-Mounted Cranes &amp; Power Shovels</b>					
1961-60 125, 125A - Optional	27	410	15	153-5656	8C-3601
1961-60 125B, 150A - Optional	27	410	147	153-5656	8C-3601
1961-60 150B - Optional	27	410	147	153-5656	8C-3601
1961-60 180B, 200B, 225B	27	410		153-5656	8C-3601
1961-60 250B, M-200, M-202	27	410		153-5656	8C-3601
1961-58 125, 125A, 125B	3	625		8C-3629	8C-3617
1961-55 100, 100B, 105A, 80	1	525		8C-3617	—
1961-55 85A, 85B, J2, S2, S3	1	525		8C-3617	—
1959 150A, 150B	3	625		8C-3629	8C-3617
<b>R.A. HANSON CO., INC.</b>					
<b>Canal Excavators &amp; Canal Jumbo</b>					
1979-77 HT428C, RW 303	8D	975	148	153-5720	628-8824
1979-77 JCJ48	24	410		153-5656	3T-5857
<b>Canal Pavers &amp; Trimmer</b>					
1979-77 HS-28C, S31, S48	8D	975	179	153-5720	628-8824
1979-77 RTS16, RTS17	24	410		153-5656	3T-5857
1979-77 T448	8D	975	179	153-5720	628-8824
<b>Conveyor &amp; Stacker</b>					
1979-78 A Frame Hoist	24	410		153-5656	3T-5857
1979-78 Moving Dolly	24	410		153-5656	3T-5857
1979-77 C42-330, ST110	8D	975	15	153-5720	628-8824
<b>Excavators &amp; Fine Graders</b>					
1979-77 15, 512, 61, 62	8D	975	15	153-5720	628-8824
1979-77 E212	8D	975	15	153-5720	628-8824
<b>Hydraulic Transporter &amp; Truck Unloader</b>					
1980-79 2, Hoist, TU 14	8D	975	147	153-5720	628-8824
<b>READY-POWER</b>					
<b>Trucks</b>					
1965-59 CH2, HA4, J2, L5	3EE	350		8C-3620	—
1965-58 H, HA, HA2, HA3, J	2E	575	147	8C-3632 {30}	—
1965-58 L2, L3, L4, N, NL, P	2E	575	147	8C-3632 {30}	—
1965-58 R, RD18DX, S, V	2E	575	147	8C-3632 {30}	—

MAKE <sup>(127)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (128)	Replacement	
				Option 1	Option 2
1965-58 RD14DX, RD9DX	2	600	15	8C-3629	8C-3617
1961-59 CH	24	325		153-5656	3T-5857
<b>REINCO EQUIPMENT</b>					
<b>Hydrograssers</b>					
1999-95 HA - w/electric reel	24	425		153-5656	3T-5857
1999-95 HG-5H - w/electric reel	24	425		153-5656	3T-5857
1999-94 HG13GX - Wisconsin W4-1770 & Ford VSG-413 Eng	24	425		153-5656	3T-5857
1999-94 HG13GX - Isuzu 3KRI-VA05 Eng	30H	685		430-5996	—
1999-90 HG-10GM - Isuzu 3KRI-VA05, Wisconsin W4-1770 & Ford VSG-413	24	425		153-5656	3T-5857
1999-90 HG-10GX - Isuzu 3KRI-VA05, Wisconsin W4-1770 & Ford VSG-413	24	425		153-5656	3T-5857
1999-90 HG-15GM, HG-15GX	30H	685		430-5996	—
1999-90 HG-20GX	30H	685		430-5996	—
1997-80 HG-25GG, HG-25M	30H	685		430-5996	—
1997-80 HG-30G, HG-30GM	30H	685		430-5996	—
1997-80 HG-30GX	30H	685		430-5996	—
1994-90 HG-10GM - Other Eng	30H	685		430-5996	—
1994-90 HG-10GX - Other Eng	30H	685		430-5996	—
1994-89 HG-5GA - w/electric reel	24	410		153-5656	3T-5857
1992-73 All - w/Optional Trailer brake system	U2	100		8C-3636	—
1990-85 HG-10EG - Other Eng	24	410		153-5656	3T-5857
1990-85 HG-10EG - Kubota V-1702B & Yanmar 4TN82E Eng	30H	685		430-5996	—
1989-85 HG-15G - Ford Eng	24	410		153-5656	3T-5857
1989-85 HG-15G - Other Eng	30H	685		430-5996	—
1988-73 HG-8	24	410		153-5656	3T-5857
1988-73 HG-8 - Duetz F4L912 & Deere, Diesel	30H	685		430-5996	—
1985-79 HG-15M - Ford Eng	24	410	147	153-5656	3T-5857
1985-79 HG-15M - Other Eng	30H	685	15	430-5996	—
1985-73 HG-10 - Other Eng	24	410		153-5656	3T-5857
1985-73 HG-10 - Diesel	30H	685		430-5996	—
1985-73 HG-10M - Other Eng	24	410		153-5656	3T-5857
1985-73 HG-10M - John Deere 4,219D	30H	685		430-5996	—
1980-74 HG-12 - J. Deere Eng	30H	685		430-5996	—
1980-74 HG-13 - Ford Eng	24	410		153-5656	3T-5857
1980-74 HG-13M - Ford Eng	24	410		153-5656	3T-5857
1980-74 HG-13M - J. Deere Eng	30H	685		430-5996	—
1979-73 HG-15 - Ford ex. F245D Eng	24	410		153-5656	3T-5857

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128 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(129)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (130)	Replacement	
				Option 1	Option 2
1979-73 HG-15- John Deere 4.219D & Ford F245D Eng	30H	685		430-5996	—
1979-73 HG-25- Ford Eng	24	410		153-5656	3T-5857
1979-73 HG-25- Other Eng	30H	685		430-5996	—
1977-73 HG-10	24	410		153-5656	3T-5857
<b>Power Mulchers</b>					
1999-95 M65-D	30H	685		430-5996	—
1999-75 M80, M80-C, M90	30H	685		430-5996	—
1999-73 M60F6, M65-W, TM7-30	24	425		153-5656	3T-5857
<b>REWORKS, INC.</b>					
<b>Formerly REXNORD INC.</b>					
<b>Compactors</b>					
1993-78 3-55, 3-55B, 3-70	8D	975	15	153-5720	628-8824
1993-78 3-70A, 3-80, 3-90	8D	975	15	153-5720	628-8824
1993-78 3-90C	8D	975	15	153-5720	628-8824
1993-67 3-30, 3-35, 3-45	8D	975	147	153-5720	628-8824
1993-67 3-50, 3-50A	8D	975	147	153-5720	628-8824
<b>Pavers &amp; Pneumatic Rollers</b>					
1973-59 3-30, 3-50	4D	775		9X-9721	
1973-59 34ED (GD Models)	4D	775		9X-9721	
<b>Pumps</b>					
1972-59 1605 (C2)	1	550		8C-3617	—
1972-59 200D (CPD)	1	550		8C-3617	—
1972-59 200S (CP)	1	550		8C-3617	—
1972-59 40MW (NHW)	1	550		8C-3617	—
1966-59 4 LSW (NHMF)	1	550		8C-3617	—
<b>Stabilizers</b>					
1992-85 HSPS- Optional	27F	600	15	8C-3602	3T-5858
1992-67 3-50	4D	775	147	9X-9721	
1992-67 Rex Pactor 3-30	4D	775	147	9X-9721	
1992-67 SPDMS	4D	775	147	9X-9721	
1992-56 HSPS, Optional, PTS	4	590	15	8C-3633	—
1977-58 D-47, D7W, DS-47	4	590	15	8C-3633	—
1977-58 GS7	4	590	15	8C-3633	—
<b>Steel Wheel Rollers</b>					
1977-60 10- Diesel, Rex Roll	27F	360		8C-3602	3T-5858
1977-60 12- Diesel, Rex Roll	27F	360		8C-3602	3T-5858
1977-60 14- Diesel, Rex Roll	27F	360		8C-3602	3T-5858
1977-60 5, 6- Diesel, Rex Roll	27F	360		8C-3602	3T-5858
1977-60 8- Diesel, Rex Roll	27F	360		8C-3602	3T-5858
<b>Vibratory Rollers</b>					
1993-76 SP400, SP600, SP700	27F	600		8C-3602	3T-5858

MAKE <sup>(129)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (130)	Replacement	
				Option 1	Option 2
1993-76 SP900	27F	600		8C-3602	3T-5858
1993-73 SP1000, SP1100	4D	775		9X-9721	
1993-73 SP1300, SP910	4D	775		9X-9721	
1993-68 SP484, SP484D	4D	775		9X-9721	
1993-68 SP600D, SP600PD	4D	775		9X-9721	
1993-68 SP848DH, SP848PD	4D	775		9X-9721	
1993-68 SP900A	4D	775		9X-9721	
1973-72 SP1300	27F	600		8C-3602	3T-5858
1971-68 All	4D	775		9X-9721	
<b>ROSCO MFG. CO.</b>					
1980-76 Small	24	325		153-5656	3T-5857
<b>Road Oil Distributors</b>					
1981-62 RES, RQE, RRE	24	225		153-5656	3T-5857
<b>Road Rollers</b>					
1980-59 All	24	225		153-5656	3T-5857
<b>Street Flushers</b>					
1981-59 MTA All	24	225		153-5656	3T-5857
<b>Sweepers</b>					
1981-60 All	24	225		153-5656	3T-5857
<b>RPC CORPORATION</b>					
<b>Straddle Cranes</b>					
1986-81 HD-RR, HD1080	8D	1100	147	153-5720	628-8824
1986-81 HD1080ST, HD1280	8D	1100	147	153-5720	628-8824
1986-81 HD1580	8D	1100	147	153-5720	628-8824
1986-79 C1100, C500- Diesel	8D	1100		153-5720	628-8824
1986-79 C1100, C500, C750	24	340		153-5656	3T-5857
1986-79 C750- Diesel	8D	1100		153-5720	628-8824
1986-73 11000, 1600, 1800	8D	1100		153-5720	628-8824
1986-73 HD480, HD680, HD880	8D	1100		153-5720	628-8824
1982-73 1400	24	340		153-5656	3T-5857
<b>SAKAI AMERICA, INC.</b>					
<b>Compactors</b>					
2008 CV Series, SV Series	24	575		153-5656	3T-5857
2007-06 SV510 Series	24	575		153-5656	3T-5857
<b>Feed Loader</b>					
1995-75 FL300, FL50	27	440	147	153-5656	8C-3601
<b>Road Planer</b>					
1995-72 ER160, ER300, ERF300	4D	850	15	9X-9721	
<b>Rollers</b>					
2008-06 SW Series	24	575		153-5656	3T-5857
2008 3-Wheeler Series, CR	24	575		153-5656	3T-5857
2008 GW, TW	24	575		153-5656	3T-5857

129 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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130 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(131)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (132)	Replacement	
				Option 1	Option 2
2004-03 SW Series	24	575		153-5656	3T-5857
2004-02 SW300, SW320, SW330	24	575		153-5656	3T-5857
2002 SW800 Series	24	575		153-5656	3T-5857
1995-93 SW350, SW500, SW750	27	440	15	153-5656	8C-3601
1995-93 TW350, TW500, TW750	27	440	15	153-5656	8C-3601
1995-85 SG25, SV200	27	440	147	153-5656	8C-3601
1995-85 SV500 Series, SW40	27	440	147	153-5656	8C-3601
1995-85 TG25	27	440	147	153-5656	8C-3601
1995-84 SW100, TW100	4D-LT	660	15	153-5700 {30}	8C-3622
1995-80 SW70C, TW70C	27	440	15	153-5656	8C-3601
1995-77 SV8	24	340		153-5656	3T-5857
1995-75 SV10	24	355		153-5656	3T-5857
1995-74 SV100, SV70 Series	4D-LT	660	15	153-5700 {30}	8C-3622
2008-02 1995-74 SV90(A), SV90T(D)	4D-LT	660	15	153-5700 {30}	8C-3622
1995-72 SV25, SV40, SV41	27	440	147	153-5656	8C-3601
1995-72 SV55-TV55, SV91(A)	4D-LT	660	15	153-5700 {30}	8C-3622
1995-72 SV70C, TW40, TW41	27	440	147	153-5656	8C-3601
1995-72 SV91T(D), SW70	4D-LT	660	15	153-5700 {30}	8C-3622
1995-72 TW70C	27	440	147	153-5656	8C-3601
<b>Rubber Tires &amp; Steel Rollers</b>					
1995-86 H.T., R-2S, TS200	27	440	15	153-5656	8C-3601
1995-86 TS31, TS600	27	440	15	153-5656	8C-3601
1995-66 R-1, R-2, T2, TS150	4D-LT	660	15	153-5700 {30}	8C-3622
1995-66 TS150H, TS290	4D-LT	660	15	153-5700 {30}	8C-3622
1995-66 TS7409	4D-LT	660	15	153-5700 {30}	8C-3622
<b>SAUERMAN</b>					
<b>Power Scrapers</b>					
1971-62 ASD-1302, ASD-1302TC	8D	1000		153-5720	628-8824
1971-62 ASD-2002, ASD-2002TC	8D	1000		153-5720	628-8824
1971-62 ASD-2515, ASD-2602	8D	1000		153-5720	628-8824
1971-62 ASD-4002	8D	1000		153-5720	628-8824
1971-62 ASG-1302, ASG-2002	7D	900		8C-3633	—
1971-62 ASG-2602, ASG-902	7D	900		8C-3633	—
1969-62 ASG-4002, ASG-5402	8D	1000		153-5720	628-8824
1967-62 ASD-2515TC	8D	1000	15	153-5720	628-8824
1967-62 ASD-2602TC, ASD-3015	8D	1000	15	153-5720	628-8824
1967-62 ASD-3015TC	8D	1000	15	153-5720	628-8824
1967-62 ASD-4002TC	8D	1000	15	153-5720	628-8824
1967-62 ASD-5402TC	8D	1000	15	153-5720	628-8824

MAKE <sup>(131)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (132)	Replacement	
				Option 1	Option 2
<b>Slackline Cableway Machines</b>					
1971-62 2401TC, 2541, 2541TC	8D	1000	15	153-5720	628-8824
1971-62 2651, 2651TC, 2911	8D	1000	15	153-5720	628-8824
1971-62 2911TC, UCD-2201TC	8D	1000	15	153-5720	628-8824
1971-62 UCD-2131, UCD-2131TC	8D	1000		153-5720	628-8824
1971-62 UCD-2201, UCD-2261	8D	1000		153-5720	628-8824
1971-62 UCD-2261TC	8D	1000	15	153-5720	628-8824
1971-62 UCD-2401	8D	1000		153-5720	628-8824
1967-62 UCG-2131, UCG-2201	7D	900		8C-3633	—
1967-62 UCG-2261	7D	900		8C-3633	—
<b>SCHIELD BANTAM</b>					
<b>Crane &amp; Shovel Units</b>					
1966-65 206	8D	1000		153-5720	628-8824
1966-65 306- Carrier	8D	1000		153-5720	628-8824
1966-62 C-450, T-450	27	410		153-5656	8C-3601
1966-62 C-450, T-450 - Diesel	8D	1000		153-5720	628-8824
1966-59 206	27	410		153-5656	8C-3601
1966-59 306- Carrier	27	410		153-5656	8C-3601
1966-59 400 Series- Carrier	27	410		153-5656	8C-3601
1966-59 54- Carrier	27	410		153-5656	8C-3601
1966-54 200	3N	575		8C-3629 {26}	—
1966-54 300- Carrier	3N	575		8C-3629 {26}	—
1966-54 T-250	3N	575		8C-3629 {26}	—
1962-53 C-35, CR-35, T-35	1	550	147	8C-3617	—
<b>SCHRAMM, INC.</b>					
<b>Crawler Mtd. Drill Rigs</b>					
1989-75 C42B, C42HB, C64HC	5D	865	148	8C-3633	—
1989-75 C66C	5D	865	148	8C-3633	—
<b>Rotadrill</b>					
2000-85 SC25M, SC30M, SC40M	8D	1400	15	153-5720	628-8824
2000-85 SC45M, SCH25M	8D	1400	15	153-5720	628-8824
2000-85 SCH30GC, SCH30M	8D	1400	15	153-5720	628-8824
2000-85 SCH45M	8D	1400	15	153-5720	628-8824
1989-75 C560, C985H	5D	865	148	8C-3633	—
1988-85 C685, C685H	8D	1400	15	153-5720	628-8824
<b>Portable Air Compressors</b>					
<b>Pneumapower</b>					
1984-61 100, 125, 160, 40	3ET	425	147	8C-3620 {27}	—
1984-61 85	3ET	425	147	8C-3620 {27}	—
1983-80 185	31T	630			8C-3628

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132 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(133)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (134)	Replacement	
				Option 1	Option 2
1979-58 315, 375, 600	5D	860	15	8C-3633	—
1970-66 20, 35	3EE	325		8C-3620	—
1969-55 125, 250 Unistage	1	550	15	8C-3617	—
1969-55 75	1	550	15	8C-3617	—
1965-58 125 Unistage, 20, 35	2E	600	147	8C-3632 {30}	—
1965-36 210, 250 Unistage	2	630	148	8C-3629	8C-3617
<b>Powair</b>					
2000-89 1000/350 Hi-Pressure	8D	1400	15	153-5720	628-8824
1989-62 425/350 Hi-Pressure	5D	810	173	8C-3633	—
1989-62 600	5D	810	173	8C-3633	—
1989-62 850/350 Hi-Pressure	5D	810	173	8C-3633	—
1985-79 250	30H	510	15	8C-3627	430-5996
1980-64 200, 240/350, 250	5D	825	15	8C-3633	—
<b>Rotary Drills</b>					
2008-02 T10XD, T300M, T445i	8D	1400		153-5720	628-8824
2008-02 T450 BH, T450M 111	8D	1400		153-5720	628-8824
2008-02 T450M 11A, T450WS	8D	1400		153-5720	628-8824
2008-02 T555, T555C	8D	1400		153-5720	628-8824
2008-02 T685WS- Tracked	8D	1400		153-5720	628-8824
2007-02 T685WS, T90XD	8D	1400		153-5720	628-8824
2007-02 TI 30XD, TI 45EX, TM	8D	1400		153-5720	628-8824
<b>Tractor Air Compressors</b>					
<b>Pneumatractor</b>					
1995-67 250, 300- Diesel	5D	860	148	8C-3633	—
1995-67 HT-300B, HT-300C	5D	860	148	8C-3633	—
1995-67 S-200, S-250	5D	860	148	8C-3633	—
1981-68 HT-160, S-160	3ET	425		8C-3620 {27}	—
1970-59 125- Diesel	3ET	425	15	8C-3620 {27}	—
1970-55 125, 160HT, 250, 300	1	550	15	8C-3617	—
1970-55 62	1	550	15	8C-3617	—
<b>Trailer Mtd. Drill Rigs</b>					
1997-82 T450W- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-82 TM140- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-82 TM90- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-80 T660W- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-80 T685- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-80 T685DHH- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-80 T685H- 18in., 24in.	8D	1400	15	153-5720	628-8824
1997-80 T685W- 18in., 24in.	8D	1400	15	153-5720	628-8824
1993-75 T450- 18in., 24in.	5D	810	173	8C-3633	—
1993-75 T450H- 18in., 24in.	5D	810	173	8C-3633	—

MAKE <sup>(133)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (134)	Replacement	
				Option 1	Option 2
1993-75 T450M- 18in., 24in.	5D	810	173	8C-3633	—
1993-75 T985HA- 18in., 24in.	5D	810	173	8C-3633	—
1991-75 T64HB- 18in., 24in.	5D	825	173	8C-3633	—
1991-75 T660- 18in., 24in.	5D	825	173	8C-3633	—
1991-75 T660M- 18in., 24in.	5D	825	173	8C-3633	—
1991-75 T66B- 18in., 24in.	5D	825	173	8C-3633	—
1991-75 T66H- 18in., 24in.	5D	825	173	8C-3633	—
<b>SHEPPARD</b>					
<b>Additional equipment listed in the Farm Equipment section.</b>					
<b>Power Units</b>					
1965-40 12, 12D, 13, 13D	4	900	15	8C-3633	—
1965-40 14, 16, 17, 17A, 19	1	550	15	8C-3617	—
1965-40 16B, 19B, 19D, 6A-1	4	900	15	8C-3633	—
1965-40 250, 7, 7D, 8, 9	1	550	15	8C-3617	—
1965-40 6D	4	900	15	8C-3633	—
<b>SICARD INDUSTRIES, INC.</b>					
<b>Snow Blowers</b>					
2004-02 2200- Snow Blower Loader Mounted	8D	900	150	153-5720	628-8824
2004-02 3200	8D	900		153-5720	628-8824
2004-02 5000- Snow Blower Chassis Mounted	4D	800		9X-9721	
<b>Snowplows</b>					
1981-73 3200- DD Eng	4D	900		9X-9721	
1981-73 5000, 7000	4D	900		9X-9721	
1981-63 1500, 2100, 3100, BM	3EE	325		8C-3620	—
1981-63 SW-314	3EE	325		8C-3620	—
1981-59 All- Waukeska Eng	30H	535		8C-3627	430-5996
1981-59 All- Cat. Eng	8D	950	147	153-5720	628-8824
1981-59 All- w/AC	8D	950	147	153-5720	628-8824
1981-59 BK, BL- IHC Eng	3ET	425		8C-3620 {27}	—
1981-59 JSM (BJ)	3ET	425		8C-3620 {27}	—
1981-54 2200- DD 4-53 Eng	3EE	325		8C-3620	—
1981-54 BB-636, BB-660	3EE	325		8C-3620	—
1981-54 BB-860	3EE	325		8C-3620	—
<b>Spreaders &amp; Sweepers</b>					
1973-62 MS-23B	3EE	325		8C-3620	—
1968-57 SW-112	30H	535		8C-3627	430-5996
<b>SILENT HOIST &amp; CRANE CO., INC.</b>					
<b>Forklift</b>					
1991-73 FK, FKS, FS- Diesel	8D	975		153-5720	628-8824
1991-58 CD, CDH, FCK, FK	27	485		153-5656	8C-3601

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134 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(135)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (136)	Replacement	
				Option 1	Option 2
1991-58 FKS, FS	27	485		153-5656	8C-3601
1979-73 FS- w/Cummins Eng	4D	760	15	9X-9721	
1967-46 CD, CDH	1	440		8C-3617	—
<b>Mobile Cranes</b>					
1991-75 CAX, CAY, CAZ - Diesel	8D	975		153-5720	628-8824
1991-64 CAX, CAY, CAZ	27	485		153-5656	8C-3601
1991-46 AX, AXH, AY, AYH, AZ	27	485		153-5656	8C-3601
1991-46 AZH, CD, CDH, FAX	27	485		153-5656	8C-3601
1991-46 FAY, FAZ	27	485		153-5656	8C-3601
1975-46 A, AX, AY, CD, CDH	1	440		8C-3617	—
<b>SKAGIT PRODUCTS</b>					
Formerly LTV ENERGY PRODUCTS CO., CONTINENTAL EMSCO CO.					
<b>Hoists</b>					
1986-79 BU-18, G-70, RB-80	4D	900		9X-9721	
1986-79 MD-97, RB-150	8D	910	15	153-5720	628-8824
1986-79 RB-90	4D	900		9X-9721	
1964-58 All	4D	805	147	9X-9721	
<b>Mobile Loggers</b>					
1986-79 Ford 272	4D	805	177	9X-9721	
1986-79 SJ-2-R, SJ-4-RT	4D	805	15	9X-9721	
1986-79 SJ-7-R	4D	805	15	9X-9721	
<b>Tower Yarder</b>					
1964-62 TY-60	4D	805	15	9X-9721	
<b>Winches</b>					
1986-79 DTW-100	4D	900		9X-9721	
1986-79 DTW-150	8D	910		153-5720	628-8824
<b>Yarders &amp; Loaders</b>					
1986-79 BU-199, BU-737	8D	910	15	153-5720	628-8824
1986-79 BU-739, BU-90G	8D	910	15	153-5720	628-8824
1986-79 SY-717, SY-757	8D	910	15	153-5720	628-8824
<b>SMI (WATERTOWN, NY)</b>					
<b>Rotary Snowplowers</b>					
1981-73 2200- DD 4-53 Eng	3EE	310		8C-3620	—
1981-73 2200- Cummins Diesel	8D	900		153-5720	628-8824
1981-73 3200- w/DD 6V-71N	4D	800		9X-9721	
1981-73 3200- Cummins Diesel	8D	900		153-5720	628-8824
1981-73 5000, 7000	4D	800		9X-9721	
1981-73 SW-314D	8D	900		153-5720	628-8824
1981-63 BL- Cat. Eng	8D	900	15	153-5720	628-8824
1981-61 1500, 2100, 3100	3EE	310		8C-3620	—
1981-61 All- Waukeska Eng	30H	545		8C-3627	430-5996
1981-61 BB-636, BB-660	3EE	310		8C-3620	—

MAKE <sup>(135)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (136)	Replacement	
				Option 1	Option 2
1981-61 BB-860, BM, SW-314	3EE	310		8C-3620	—
1981-61 BK- IHC Eng	3ET	425		8C-3620 {27}	—
1981-61 BK- Allis-Chalmers	8D	900		153-5720	628-8824
1975-63 JSM (BJ)	3ET	425		8C-3620 {27}	—
<b>Spreader</b>					
1975-62 MS-23B	3EE	310		8C-3620	—
<b>Sweepers</b>					
1970-61 SW-112	30H	540		8C-3627	430-5996
<b>SMITH, GORDON &amp; CO., INC.</b>					
Formerly GORDON, SMITH & CO.					
<b>Portable Air Compressors</b>					
1995-87 100	24	500	147	153-5656	3T-5857
1995-86 110D, 125DP, 175D	31T	900		354-3613	100-4081
1995-86 175DP	31T	900		354-3613	100-4081
1995-86 200- Optional	31T	900		354-3613	100-4081
1995-86 200DP	31T	900		354-3613	100-4081
1995-81 160, 200	24	500	147	153-5656	3T-5857
1986-81 100- Optional	24	500	147	153-5656	3T-5857
1986-68 100, 125, 150, 45	27	505		153-5656	8C-3601
1986-68 70, 75, 90	27	505		153-5656	8C-3601
1985-84 160- Optional	22F	400		3T-5859	369-9958
1970-64 160	3	500	15	8C-3629	8C-3617
1968-57 45, 75	60	320		3T-5857 {29}	3T-5858 {29}
<b>SMITH, T.L.</b>					
Division of ATO INC.					
<b>Concrete Mixers</b>					
1974-59 All- Chrysler, Ford Eng	24	375		153-5656	3T-5857
1973-65 All- Diesel GM Eng	8D	975		153-5720	628-8824
<b>SNORKEL ENGINEERING</b>					
Subsidiary of OMNIQUIP INTERNATIONAL, INC.					
<b>Snorkelift</b>					
2008-06 All	27	675		8C-3601	127-0826
2004-02 Telescoping Boom 37	27	675		8C-3601	127-0826
2000-96 SLA-27, SLA-35, SLH	27	575		153-5656	8C-3601
2000-94 126, Pro 100	27	600	181	153-5656	8C-3601
2000-92 18, 19, 20- Optional	4	500		8C-3633	—
2000-92 25, SL15- Optional	4	500		8C-3633	—
2000-89 ATB42, ATB46E	27	600		153-5656	8C-3601
2000-89 ATB46N, ATB50, ATB60	27	600		153-5656	8C-3601
2000-89 Pro 66	27	600		153-5656	8C-3601
1998-86 41, Uno 33	27	575		153-5656	8C-3601

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136 See page 413 for further description.

MAKE <sup>(137)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (138)	Replacement		MAKE <sup>(137)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (138)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1998-86 TB Series, TB120	27	600	177	153-5656	8C-3601	1990-89 H300 - 300 psi, 350 psi	8D	975	15	153-5720	628-8824
1995-89 5000D, 5000G	22F	330		3T-5859	369-9958	1990-89 H425 - 300 psi, 350 psi	8D	975	15	153-5720	628-8824
<b>SPECTRUM</b>											
<b>Electric Power Plants</b>											
1999-97 125DS, 20DS - Diesel	26	525		8C-3600	250-0489 {32}	1990-89 H750 - 300 psi, 350 psi	8D	975	15	153-5720	628-8824
1999-97 150-180DS - Diesel	31T	1000	148	175-4390	100-4081	1990-86 100, 80	30H	550		8C-3627	430-5996
1999-97 200DS - Diesel	31T	1000	148	175-4390	100-4081	1990-86 175 - Diesel	31A	650		430-5996	8C-3627
1999-97 230-600DS - Diesel	31T	1000	148	175-4390	100-4081	1990-85 250 - Diesel	31A	650		430-5996	8C-3627
1999-97 50Mz	31T	1000	15	175-4390	100-4081	1990-85 H1050	8D	975	15	153-5720	628-8824
1999-97 750-2000DS - Diesel	31T	1000	148	175-4390	100-4081	1990-85 H1250 - Diesel, Rex Roll	8D	975	15	153-5720	628-8824
<b>STEAMEX</b>											
(see PACIFIC FLOOR)											
<b>STEIGER TRACTOR, INC.</b>											
Additional equipment listed in the Farm Equipment section											
<b>Industrial Tractors</b>											
1986-82 CA-280, CA-325	31T	475	173	175-4370	8C-3628	1990-85 H1300 - Diesel	8D	975	15	153-5720	628-8824
1986-82 CA-360, CU-280	31T	475	173	175-4370	8C-3628	1990-84 H185 - Diesel	31A	650		430-5996	8C-3627
1986-82 CU-325, CU-360	31T	475	173	175-4370	8C-3628	1990-83 185	31A	650		430-5996	8C-3627
<b>SULLAIR CORPORATION</b>											
<b>Air Compressors</b>											
2008-06 300HH, 375, 375H	8D	1400		153-5720	628-8824	1990-83 H300 - Diesel, Rex Roll	4D	775	147	9X-9721	
2008-06 425	8D	1400		153-5720	628-8824	1990-83 H425 - Diesel, Rex Roll	4D	775	147	9X-9721	
2008-04 1050, 1150XH	8D	1400		153-5720	628-8824	1990-83 H600 - Diesel, Rex Roll	4D	775	147	9X-9721	
2008-04 1150XHDL, 1150XHHDL	8D	1400		153-5720	628-8824	1990-83 H750 - Diesel, Rex Roll	4D	775	147	9X-9721	
2008-04 1300H, 1300XHDL	8D	1400		153-5720	628-8824	1990-80 H900 - Diesel, Rex Roll, 350 psi	8D	975	15	153-5720	628-8824
2008-04 1450HH, 1600, 1600H	8D	1400		153-5720	628-8824	1990-78 125	30H	550		8C-3627	430-5996
2008-04 600H, 750, 750H	8D	1400		153-5720	628-8824	1990-78 250, 300, 330 - Diesel	4D	775		9X-9721	
2008-04 750HH, 825, 900	8D	1400		153-5720	628-8824	1990-78 375 - Diesel	4D	775		9X-9721	
2008-04 900H, 900HDL, 900XH	8D	1400		153-5720	628-8824	1987-80 H275/300 - Diesel	8D	975		153-5720	628-8824
2008-04 900XHDL, 900XHH	8D	1400		153-5720	628-8824	1986-85 160, 185 - Diesel	31A	650		430-5996	8C-3627
2008-04 Portable Compressors, 1900	8D	1400		153-5720	628-8824	1985-78 100 - Optional	30H	550		8C-3627	430-5996
2007-06 1350XHDL, 30, 435	8D	1400		153-5720	628-8824	1985-78 250 - Diesel, Optional	8D	975		153-5720	628-8824
1993-90 175, 250, 375 - Diesel	30H	800	147	430-5996	—	1985-78 375 - Diesel, Optional	8D	975		153-5720	628-8824
1993-90 185	30H	800		430-5996	—	1985-74 350 - Diesel	8D	975		153-5720	628-8824
1993-82 600 - Diesel, Optional	4D	960	15	9X-9721		1985-74 600, 750 - Optional	8D	975	15	153-5720	628-8824
1993-82 750 - Diesel, Optional	4D	960	15	9X-9721		1985-69 100, 125, 70 - Optional	24	400		153-5656	3T-5857
1993-77 600, 800, 805 - Diesel	4D	775	147	9X-9721		1985-69 100, 125, 70, 85	22F	300		3T-5859	369-9958
1993-77 825, 900 - Diesel	4D	775	147	9X-9721		1985-69 85 - Optional	24	400		153-5656	
1993-74 1050, 1250 - Diesel	8D	975	148	153-5720	628-8824	1982-74 160, 185 - Diesel	4D	775		9X-9721	628-8824
1993-74 1600, 3200 - Diesel	8D	975	148	153-5720	628-8824	1977-74 250, 375 - Diesel	8D	975		153-5720	8C-3601
1993-74 800, 900 - Diesel	8D	975	148	153-5720	628-8824	1975-74 150	27	410		153-5656	
<b>Generator Sets</b>											
1985-82 25KW, 30KW - Optional	8D	975		153-5720	628-8824	1985-82 25KW, 30KW, 45KW	4D	775		9X-9721	
1985-82 25KW, 30KW, 45KW	4D	775		9X-9721		1985-82 45KW, 50KW - Optional	8D	975		153-5720	628-8824
1985-82 45KW, 50KW - Optional	8D	975		153-5720	628-8824	1985-82 50KW, 55KW	4D	775		9X-9721	
1985-82 50KW, 55KW	4D	775		9X-9721		1985-82 55KW - Optional	8D	975		153-5720	628-8824
1985-82 55KW - Optional	8D	975		153-5720	628-8824	1985-80 100KW, 125KW, 150KW	8D	975		153-5720	628-8824
1985-80 100KW, 125KW, 150KW	8D	975		153-5720	628-8824						

**137 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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138 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(139)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (140)	Replacement		MAKE <sup>(141)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (140)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1985-80 50KW, 70KW, 75KW	8D	975		153-5720	628-8824	1983-71 TS-32B	8D	935	148	153-5720	628-8824
1985-80 85KW	8D	975		153-5720	628-8824	<b>THE CHARLES MACHINE WORKS, INC.</b>					
<b>SUPERIOR EQUIPMENT CO.</b>						<b>DITCHWITCH</b>					
<b>Buckeye Ditchers</b>						<b>Ditchwitch Trenchers</b>					
1991-90 300G, 403	8D	1115		153-5720	628-8824	1999-94 PP70-Turbo	30H	700		430-5996	—
1991-60 310 Super 7, 318	8D	1115		153-5720	628-8824	1999-91 6520, 7020, 7520	34	650		250-0486	127-0826
1991-60 Hydrostatic, Super H	8D	1115		153-5720	628-8824	1999-91 8020	34	650		250-0486	127-0826
1991-60 Super H+	8D	1115		153-5720	628-8824	1994-91 4500, 5110	26R	525		369-9958	250-0489 {32}
1989-59 300-D- Most other Eng	8D	1115		153-5720	628-8824	1994-78 1500, 1620, 1820	22F	335		3T-5859	369-9958
1989-59 300-G- Most other Eng	8D	1115		153-5720	628-8824	1994-77 2020, 2200, 2300	22F	250		3T-5859	369-9958
1989-59 400-B- Most other Eng	8D	1115		153-5720	628-8824	1994-77 2310, 3210	22F	250		3T-5859	369-9958
1989-59 403- Most other Eng	8D	1115		153-5720	628-8824	1993-91 5020	34	650		250-0486	127-0826
1975-59 300-D- Chrysler Eng, IHC Eng, Cont Eng	27	360		153-5656	8C-3601	1993-91 PP50	26R	525		369-9958	250-0489 {32}
1975-59 300-G- Chrysler Eng, IHC Eng, Cont Eng	27	360		153-5656	8C-3601	1993-88 HT-100	31T	925		354-3613	100-4081
1975-59 400-B- Chrysler Eng, IHC Eng, Cont Eng	27	360		153-5656	8C-3601	1993-86 7510	30H	520		8C-3627	430-5996
1975-59 403- Chrysler Eng, IHC Eng, Cont Eng	27	360		153-5656	8C-3601	1993-79 1410, 1420, 1620	U1	200		8C-3636	—
<b>T &amp; J INDUSTRIES, INC.</b>						1993-79 1810	U1	200		8C-3636	—
<b>Mobile Hydraulic Crane</b>						1993-79 6510	24	315		153-5656	3T-5857
1984-74 MHC 85	8D	1000		153-5720	628-8824	1993-79 6510- Optional	30H	520		8C-3627	430-5996
<b>Rail Car Mover &amp; Spotter</b>						1993-75 R-100	5D	865	15	8C-3633	—
1985-72 SWX20, SWX30, SWX40	4D	850		9X-9721		1993-73 C Series- Optional	22F	250		3T-5859	369-9958
1984 SWX80	31T	500	148	175-4370	8C-3628	1993-73 C Series, PP16	U1	200		8C-3636	—
<b>Rear Dump Haulers</b>						1993-73 PP16- Optional	22F	250		3T-5859	369-9958
1985-65 22R, 235R, 240C	8D	1000	15	153-5720	628-8824	1993-73 Power Pack- Optional	22F	250		3T-5859	369-9958
1985-65 245R, 24R, 250C	8D	1000	15	153-5720	628-8824		U1	200		8C-3636	—
1985-65 258C, 258R, 25R	8D	1000	15	153-5720	628-8824	1991-80 3210DD, 4010- Optional	31A	520		430-5996	8C-3627
1985-65 265C	8D	1000	15	153-5720	628-8824	1991-80 3210DD, 4010, 5010	30H	470		8C-3627	430-5996
<b>Shuttle Spotter</b>						1991-80 5010- Optional	31A	520		430-5996	8C-3627
1985-84 SS500	8D	1000		153-5720	628-8824	1981-67 R-40, R-60, R-65	24	470	15	153-5656	3T-5857
1985-83 SS300- Optional	31T	500	148	175-4370	8C-3628	1981-64 H Series, M Series	22F	250		3T-5859	369-9958
	4D	850		9X-9721		1981-64 R-30	22F	250		3T-5859	369-9958
<b>TAMPO MFG. CO.</b>						1980-74 R-30D	24	315		153-5656	3T-5857
<b>Early Models</b>						1980-64 J-20, V30	22F	250		3T-5859	369-9958
1975-64 VP-60- Cont Eng	2	450		8C-3629	8C-3617	1977-75 R-200	8D	900		153-5720	628-8824
1973-67 VC-400, VS-125- Diesel	8D	860		153-5720	628-8824	<b>Loaders</b>					
1973-65 VP-90- All 6-Volt	2	450		8C-3629	8C-3617	1989-84 1025SK	31A	520		430-5996	8C-3627
1973-60 VC-80	24	440		153-5656	3T-5857	1989-84 1025SK- Optional	31A	925		430-5996	—
1973-60 VC-80- All 6-Volt, Wisconsin Eng	2E	500		8C-3632 {30}	—	<b>Self-Propelled Vibratory Plow</b>					
1973-60 VC-80- Deutz 6-Volt	3EE	350		9X-9721	—	1999-93 400SX, 410SX	26R	525		369-9958	250-0489 {32}
<b>Pneumatic Road Rollers</b>						1993-83 255SX, V-252	U1	150		8C-3636	—
						1993-82 350SX	24	315		153-5656	3T-5857

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140 See page 413 for further description.



MAKE <sup>(141)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (142)	Replacement		MAKE <sup>(141)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (142)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1983-75 520, 527, 550	24	280		153-5656	3T-5857	1983-71 TS-32B	8D	935	148	153-5720	628-8824
<b>Sweepers</b>						<b>THE CHARLES MACHINE WORKS, INC.</b>					
1983-81 717, Trailblazer	24	280		153-5656	3T-5857	<b>DITCHWITCH</b>					
1983-70 210, 220, 240, 250	24	280		153-5656	3T-5857	<b>Ditchwitch Trenchers</b>					
1983-70 260, 265, 280, 520	24	280		153-5656	3T-5857	1999-94 PP70-Turbo	30H	700		430-5996	—
1983-70 525, 550, 92	24	280		153-5656	3T-5857	1999-91 6520, 7020, 7520	34	650		250-0486	127-0826
1983-64 42, T-42, T-42HD	U1	2200		8C-3636	—	1999-91 8020	34	650		250-0486	127-0826
1983-64 T-100, T-53, T-85	24	280		153-5656	3T-5857	1994-91 4500, 5110	26R	525		369-9958	250-0489 {32}
1983-64 T-86, T-88, T-90	24	280		153-5656	3T-5857	1994-78 1500, 1620, 1820	22F	335		3T-5859	369-9958
1983-64 T-91	24	280		153-5656	3T-5857	1994-77 2020, 2200, 2300	22F	250		3T-5859	369-9958
<b>TEREX CORPORATION</b>						1994-77 2310, 3210	22F	250		3T-5859	369-9958
<b>Articulated Haulers</b>						1993-91 5020	34	650		250-0486	127-0826
1998-84 All	4D	900	15	9X-9721		1993-91 PP50	26R	525		369-9958	250-0489 {32}
<b>Crawlers</b>						1993-88 HT-100	31T	925		354-3613	100-4081
1998-84 D800	8D	935	15	153-5720	628-8824	1993-86 7510	30H	520		8C-3627	430-5996
1983-75 82-20	30H	490	173	8C-3627	430-5996	1993-79 1410, 1420, 1620	U1	200		8C-3636	—
1983-75 82-30B, 82-50	8D	935	15	153-5720	628-8824	1993-79 1810	U1	200		8C-3636	—
<b>Haulers</b>						1993-79 6510	24	315		153-5656	3T-5857
1998-84 3305B, TR34/40/45/60	4D	760	15	9X-9721		1993-79 6510 - Optional	30H	520		8C-3627	430-5996
1998-84 3307/09 - All w/Air start	30H	490	15	8C-3627	430-5996	1993-75 R-100	5D	865	15	8C-3633	—
1998-84 33100/100B, 3310F	8D	935	148	153-5720	628-8824	1993-73 C Series - Optional	22F	250		3T-5859	369-9958
1998-84 3311C/D	30H	490	15	8C-3627	430-5996	1993-73 C Series, PP16	U1	200		8C-3636	—
1998-84 3311D/E, TR100	8D	935	148	153-5720	628-8824	1993-73 PP16 - Optional	22F	250		3T-5859	369-9958
1983-73 Air start	30H	490	15	8C-3627	430-5996	1993-73 Power Pack - Optional	22F	250		3T-5859	369-9958
1983-58 All - Electric Start	8D	935	148	153-5720	628-8824		U1	200		8C-3636	—
1973-58 Air start	4D	760		9X-9721		1991-80 3210DD, 4010 - Optional	31A	520		430-5996	8C-3627
<b>Loaders</b>						1991-80 3210DD, 4010, 5010	30H	470		8C-3627	430-5996
1998-84 7220, 90C	8D	935		153-5720	628-8824	1991-80 5010 - Optional	31A	520		430-5996	8C-3627
1998-58 72-31B	4D	760	15,168	9X-9721		1981-67 R-40, R-60, R-65	24	470	15	153-5656	3T-5857
1998-58 All - All w/Air start	4D	760	15,168	9X-9721		1981-64 H Series, M Series	22F	250		3T-5859	369-9958
1983-79 72-21B	30H	490	148	8C-3627	430-5996	1981-64 R-30	22F	250		3T-5859	369-9958
1983-75 Exc. 72-21B	8D	935	15	153-5720	628-8824	1980-74 R-30D	24	315		153-5656	3T-5857
1983-75 Exc. 72-31B	8D	935	15	153-5720	628-8824	1980-64 J-20, V30	22F	250		3T-5859	369-9958
1975-58 All	8D	935	147,167	153-5720	628-8824	1977-75 R-200	8D	900		153-5720	628-8824
<b>Scrapers</b>						<b>Loaders</b>					
1998-84 S-24B, S-24C, TS-24C	8D	935	15	153-5720	628-8824	1989-84 1025SK	31A	520		430-5996	8C-3627
1998-84 TS-24D	8D	935	15	153-5720	628-8824	1989-84 1025SK - Optional	31A	925		430-5996	—
1998-76 TS-14B, TS-14C	4D	760	15	9X-9721		<b>Self-Propelled Vibratory Plow</b>					
1998-76 TS-14D, TS-14DII	4D	760	15	9X-9721		1999-93 400SX, 410SX	26R	525		369-9958	250-0489 {32}
1998-76 TS-14F	4D	760	15	9X-9721		1993-83 255SX, V-252	U1	150		8C-3636	—
1983-71 S-11E, TS-14, TS-14B	4D	760	147	9X-9721		1993-82 350SX	24	315		153-5656	3T-5857
1983-71 S-24, TS-24, TS-32	8D	935	148	153-5720	628-8824						

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142 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(143)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (144)	Replacement	
				Option 1	Option 2
1993-82 350SX- Optional	31A	520		430-5996	8C-3627
1980-70 VP-12- Optional	22F	250		3T-5859	369-9958
	U1	200		8C-3636	—
<b>THE JAEGER MACHINE CO.</b>					
<b>Portable Air Compressors Reciprocating Type</b>					
1964-44 105, 125	2	630		8C-3629	8C-3617
1956-50 S.N. C-19633 and later	27	375		153-5656	8C-3601
1956-44 160, 185- Optional	7D	880		8C-3633	—
1956-44 160, 185, 210, 250	3	690	147	8C-3629	—
1956-44 210, 250- Optional	7D	880		8C-3633	—
1952-50 75 from S.N. C-7623 to C-19632	1	525		8C-3617	—
1951-45 60	2E	525		8C-3632 {30}	—
1951-45 75 to S.N. C-7622	2E	525		8C-3632 {30}	—
1950-47 315, 365- Optional	8D	900	15	8C-3633	—
1950-47 315, 365, 600	4	800	147	153-5720	628-8824
1950-47 600- Optional	8D	900	147	153-5720	628-8824
<b>Single Stage</b>					
1978-62 365, 600, 900	8D	900	147	153-5720	628-8824
1978-62 DS-175, DS-750	8D	900	147	153-5720	628-8824
1978-61 GS-175	27	390		153-5656	8C-3601
1978-57 125, 75, 85, GS175	24	400		153-5656	3T-5857
1978-57 GV-160E	24	400		153-5656	3T-5857
1972-71 G-2300	27	400	15	153-5656	8C-3601
1972-71 GV-175- D-2300	2	650	15	8C-3629	8C-3617
1960-57 75- Optional	1	550		8C-3617	—
<b>Two Stage</b>					
1978-62 250- Cont B-427 Eng	4D	800		9X-9721	
1978-62 250- Optional	7D	880		8C-3633	—
1978-62 DD Eng, Ford- Diesel	6D	800		153-5700	
1978-62 F-226-7, G-193 Eng	24	400		153-5656	3T-5857
1978-62 HD-260	7D	880	15	8C-3633	—
1968-61 125	2	650	147	8C-3629	8C-3617
1968-61 125- Optional	24	315		153-5656	3T-5857
	27	390		153-5656	8C-3601
	7D	880	15	8C-3633	—
1968-61 150- Ford Diesel	2	650	147	8C-3629	8C-3617
1968-61 150- Ford Diesel Optional	24	315		153-5656	3T-5857
	7D	880	15	8C-3633	—
	2	650	147	8C-3629	8C-3617
1968-61 DD2-53- Optional	24	315		153-5656	3T-5857

MAKE <sup>(143)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (144)	Replacement	
				Option 1	Option 2
	27	390		153-5656	8C-3601
	7D	880	15	8C-3633	—
1967-55 365, 600, 900	8D	900	147	153-5720	628-8824
<b>THEW-LORAIN</b>					
<b>Crawler Mahines</b>					
1966-65 L-26-K3- GM 3-71 Eng	7D	880		8C-3633	—
1966-65 L-36 Pipeliner	8D	975		153-5720	628-8824
1966-59 L-775, L-820A, L-86	8D	975	147	153-5720	628-8824
1966-58 L-26- DD 3-71 Eng	7D	900	15	8C-3633	—
1966-58 L-36- Waukeska Eng	4	825	15	8C-3633	—
1966-58 L-36- Cat. Eng, Cummins DD Eng	8D	975	147	153-5720	628-8824
1966-58 L-51- Waukeska Eng	4	825	15	8C-3633	—
1966-58 L-51- Cat. Eng, Cummins DD Eng	8D	975	147	153-5720	628- 8824
1966-58 L-56- Waukeska Eng	4	825	15	8C-3633	—
1966-58 L-56- Cat. Eng, Cummins, DD Eng	2	650	147	8C-3629	8C-3617
1966-58 L-72- Cat D326 Eng	2	650		8C-3629	8C-3617
1966-58 L-72- w/DD 6-71N	8D	975		153-5720	628-8824
1966-52 L-50- Waukeska, Cat. Eng	2	650	147	8C-3629	8C-3617
1966-52 L-50- Waukeska, Cat. Eng	2	650	147	8C-3629	8C-3617
1966-52 L-50- DD 3-71 Eng	8D	975		153-5720	628-8824
1961-59 L-85- Other Eng	8D	975	15	153-5720	628-8824
1961-59 L-85, L-85A- Cat. Eng	2	650		8C-3629	8C-3617
1961-59 L-85A- Other Eng	8D	975	15	153-5720	628-8824
<b>Crawler Shovel-Crane</b>					
1966-64 Lorain 51	4	875	15	8C-3633	—
<b>Front End Loaders</b>					
1966-63 ML-200-Cont Eng	1	525	15	8C-3617	—
1961-53 ML-200- Cummins, DD Eng	7D	900	15	8C-3633	—
1966-63 ML-225- Cont Eng	1	525	15	8C-3617	—
1966-63 ML-225- Cummins, DD Eng	7D	900	15	8C-3633	—
1966-63 ML-250- Cont Eng	1	525	15	8C-3617	—
1966-63 ML-250- Cummins, DD Eng	7D	900	15	8C-3633	—
1966-63 ML-275- Cont Eng	1	525	15	8C-3617	—
1966-63 ML-275- Cummins, DD Eng	7D	900	15	8C-3633	—
1966-60 ML-307, ML-325	8D	975	147	153-5720	628-8824
<b>Moto-Cranes, Rubber Tires w/ Two Engines</b>					
1967-59 501D, 501PD, 502D	30H	500		8C-3627	430-5996
1967-59 502PD, 601PD	30H	500		8C-3627	430-5996

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144 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(145)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (146)	Replacement	
				Option 1	Option 2
1967-56 540D, 600D	4D	800		9X-9721	
1967-54 501, 501P, 502, 502P	24	410		153-5656	3T-5857
1967-54 510P, 540, 590, 600	24	410		153-5656	3T-5857
1967-54 600P, 601P	24	410		153-5656	3T-5857
1966-64 MC-320 - Waukeska Eng	4	825	15	8C-3633	—
1966-64 MC-320 - Other Eng	8D	975	147	153-5720	628-8824
1966-64 MC-325 - Waukeska Eng	4	825	15	8C-3633	—
1966-64 MC-325 - Other Eng	8D	975	147	153-5720	628-8824
1966-64 MC-330 - Waukeska Eng	4	825	15	8C-3633	—
1966-64 MC-330 - Other Eng	8D	975	147	153-5720	628-8824
1966-63 MC-540 - Waukeska Eng	4	825	15	8C-3633	—
1966-63 MC-540A - Waukeska Eng	4	825	15	8C-3633	—
1966-63 MC-545 - Waukeska Eng	4	825	15	8C-3633	—
1966-63 MC-550 - Waukeska Eng	4	825	15	8C-3633	—
1966-59 MC-760, MC-760A	8D	975	147	153-5720	628-8824
1966-59 MC-770, MC-775	8D	975	147	153-5720	628-8824
1966-59 MC-794, MC-9115	8D	975	147	153-5720	628-8824
1966-59 SP-107 - Cont GD157 & Ford 172 Eng	1	525	147	8C-3617	
1966-59 SP-107 - Fordomatic Trans	4D	800		9X-9721	
1966-59 SP-107 - Other Eng	7D	900	15	8C-3633	—
1966-59 SP-108A - Ford 220 Eng	4D	800		9X-9721	
1966-59 SP-108A - Cont F-186 Eng	7D	900	15	8C-3633	—
1966-55 MC-530 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 MC-530W - Other Eng	8D	975	147	153-5720	628-8824
1966-55 MC-540 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 MC-540A - Other Eng	8D	975	147	153-5720	628-8824
1966-55 MC-545 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 MC-550 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 SP-350 - Waukeska Eng	2	650	15	8C-3629	8C-3617
1966-55 SP-350 - Cummins	4	825	15	8C-3633	—
1966-55 SP-350 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 SP-425 - Waukeska Eng	2	650	15	8C-3629	8C-3617
1966-55 SP-425 - Cummins	4	825	15	8C-3633	—
1966-55 SP-425 - Other Eng	8D	975	147	153-5720	628-8824
1966-55 SP-530W - Waukeska Eng	2	650	15	8C-3629	8C-3617
1966-55 SP-530W - Cummins	4	825	15	8C-3633	—
1966-55 SP-530W - Other Eng	8D	975	147	153-5720	628-8824
1966-52 MC-254 - Other Eng	2	650	147	8C-3629	8C-3617
1966-52 MC-254W - Other Eng	2	650	147	8C-3629	8C-3617
1966-52 SP-254 - Other Eng	2	650	147	8C-3629	8C-3617

MAKE <sup>(145)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (146)	Replacement	
				Option 1	Option 2
1966-52 SP-254 - DD Eng	7D	900	15	8C-3633	—
1966-52 SP-254W - Other Eng	2	650	147	8C-3629	8C-3617
1966-52 SP-254W - DD Eng	7D	900	15	8C-3633	—
1965-56 MC-107 - Cont Eng	1	525	147	8C-3617	
1965-56 MC-107 - Ford Eng	24	325	15	8C-3633	3T-5857
1965-56 MC-107 - Cummins	7D	900	147	153-5720	—
1965-56 Series 4-5 models - Optional, Waukeska Eng	2	660	147	8C-3629	8C-3617
1965-56 Series 4-5 models - Cat D318G & D-330 Eng	8D	900	15	153-5720	628-8824
1965-52 MC-254 - DD Eng	7D	900	15	8C-3633	—
1965-52 MC-254W - DD Eng	7D	900	15	8C-3633	—
1961-56 MC-100 - Ford 272 Eng	24	325		153-5656	3T-5857
1961-56 MC-100 - DD 2-71 Eng	7D	900	15	8C-3633	—
1961-56 MC-110 - Ford 223 & 254 Eng	2	650		8C-3629	8C-3617
1961-56 MC-530 - Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-56 MC-530W - Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-56 SP-100 - Ford 223 Eng	8D	975		153-5720	628-8824
1961-53 MC-424 - Optional, Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-53 MC-424 - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-424 - DD Eng	8D	975		153-5720	628-8824
1961-53 MC-424W - Optional, Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-53 MC-424W - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-424W - DD Eng	8D	975		153-5720	628-8824
1961-53 MC-425 - Optional, Waukeska Eng	2	50	147	8C-3629	8C-3617
1961-53 MC-425 - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-425 - DD Eng	8D	975		153-5720	628-8824
1961-53 MC-425W - Optional, Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-53 MC-425W - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-425W - DD Eng	8D	975		153-5720	628-8824
1961-53 MC-425 - Optional, Waukeska Eng	2	650	147	8C-3629	8C-3617
1961-53 MC-425W - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-425W - DD Eng	8D	975		153-5720	628-8824
1961-53 MC-425W - Waukeska Eng	4	825	15	8C-3633	—
1961-53 MC-425WL - DD Eng	8D	975		153-5720	628-8824
1960-59 MC-430	4	825	15	8C-3633	—
<b>THOMAS EQUIPMENT, LTD.</b>					
<b>Loaders</b>					
1959-58 180	27	710		127-0826	430-5997
1959-58 Bankout	30H	600		8C-3627	430-5996
<b>Screener</b>					

145 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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146 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (148)	Replacement	
				Option 1	Option 2
2007-02 400,900	34	730		127-0826	430-5997
2007-02 Screener 300	34	730		127-0826	430-5997
<b>Skid Steer</b>					
2008-02 105, 137, 153, 155	34	730		127-0826	430-5997
2008-02 1700, 175, 205, 250	34	730		127-0826	430-5997
2008-02 255, 35DT, 85	34	730		127-0826	430-5997
2008-02 Pro 1300	34	730		127-0826	430-5997
2007-06 1300, 1300/1700	34	730		127-0826	430-5997
2007-06 1460, 1960	34	730		127-0826	430-5997
2007-02 25G, 25GT	34	235		8C-3600	250-0486
1994-81 T173HL, T173K	30H	625		8C-3627	430-5996
1994-78 T173P, T183HD	30H	625		8C-3627	430-5996
1994-78 T203HD, T233HD	30H	625		8C-3627	430-5996
1994-78 T233K, T233P	30H	625		8C-3627	430-5996
1994-77 T103, T132, T133	24	590		153-5656	3T-5857
1994-77 T81, T82, T83	24	590		153-5656	3T-5857
1994 T1335, T835	74	600		369-9957	7X-6100
1994 T173HLS	34/78	720		127-0826	430-5997
1983-77 1210, 1220, T1230	24	440		153-5656	3T-5857
1983-77 T171, T172, T231	24	440		153-5656	3T-5857
1983-77 T232	24	440		153-5656	3T-5857
<b>TODDCO DIVISION</b>					
<b>WATSON</b>					
<b>E Lift Gate Models</b>					
<b>With Independent Trailer</b>					
1987-68 LST, SL, ST, TT, TWL	8D	900		153-5720	628-8824
1987-68 VL, WT	8D	900		153-5720	628-8824
1967-63 Hide-A-Lift	8D	900		153-5720	628-8824
1967-63 Weightlifter	8D	900		153-5720	628-8824
<b>TOWMOTOR</b>					
<b>Lift Trucks</b>					
1971-59 461D, 462D, 502	30H	475		8C-3627	430-5996
1971-59 500, 500P, 510P	24	325		153-5656	3T-5857
1971-59 502D, 601PD, V30D	30H	475		8C-3627	430-5996
1971-59 511P, 540, 600, 601P	24	325		153-5656	3T-5857
1971-59 670, 680P, 680SPL	24	325		153-5656	3T-5857
1971-59 750, 760P, 850, 860P	24	325		153-5656	3T-5857
1971-59 900, 950, 960P	24	325		153-5656	3T-5857
1971-59 V40D, V50D	30H	475		8C-3627	430-5996
1971-58 540D, 600D, 670D	4D	825		9X-9721	
1971-58 680PD, V41D, V51D	4D	825		9X-9721	
1971-58 V60D	4D	825		9X-9721	

MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (148)	Replacement	
				Option 1	Option 2
1971-57 35, 350, 351, 391	24	325		153-5720	628-8824
1971-57 392, 421, 422, 462	24	325		153-5720	628-8824
1971-57 502	24	325		153-5720	628-8824
1970-60 K-5, T-30 thru T-60	24	325		153-5720	628-8824
1970-60 V-30 thru V-60	24	325			
1966-40 50, 55, 60, 62, 680P	3	690			
1966-40 680SPL, 72, 90, K-5	3	690			
<b>TOYOTA MOTOR CORPORATION</b>					
<b>Forklift</b>					
42-5FG25	24F	440		3T-5858	250-0487
42-6FGU25	35	390		250-0487	369-9958
<b>TREE FARMER EQUIPMENT CO., INC.</b>					
<b>Includes Hawker Siddeley Canada Inc.</b>					
<b>Feller Bunchers &amp; Skidders</b>					
1986-72 C4D, C5D, C6D, C6E	30H	545	15	8C-3627	430-5996
1986-72 C7D, C7T, C8C, FB-67	30H	545	15	8C-3627	430-5996
<b>TROJAN</b>					
<b>Formerly EATON CORP.</b>					
<b>Additional equipment listed in the Farm Equipment section.</b>					
1980-79 1600	4	590		8C-3633	—
<b>Tractor Shovels</b>					
1967-60 112, 114, 124, 164	27	370			8C-3601
1967-60 114, 124, 164A - Diesel	4	790	15	8C-3633	—
1967-60 164 - Diesel	4D	815		9X-9721	
1967-60 164A	27	370		153-5656	8C-3601
1967-59 204 - Cummins Diesel	8D	900	147	153-5720	628-8824
1967-59 204, 204A - Other Eng's	27	370		153-5656	8C-3601
1967-59 204, 204A - Penta D-67	30H	475	15	8C-3627	430-5996
1967-59 204, 204A - GM 4-53 Eng	4	790	15	8C-3633	—
1967-59 204, 204A - GM 3-71 Eng	5D	815		8C-3633	—
1967-59 204A - Cummins Diesel	8D	900	147	153-5720	628-8824
1967-59 254, 300, 3000, 304A	4	790	173	8C-3633	—
1967-59 400, OS-10	4	790	173	8C-3633	—
1965-64 134A	4	790	15	8C-3633	—
1964-63 124A - UD-264 Eng	27	370		153-5656	8C-3601
1964-63 124A - Other Eng's	4	790	15	8C-3633	—
1964-57 304, 404	7D	880	173	8C-3633	—
1964-54 134 - Other Eng's	27	370		153-5656	8C-3601
134 - Herc D-298 & Penta 1964-54 D-47 Eng	4D	815		9X-9721	
134 - GM 3-53 & IHC UD 1964-54 282 Eng	5D	815	15	8C-3633	—
<b>Wheel Loaders</b>					

147 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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148 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(149)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (150)	Replacement	
				Option 1	Option 2
1991-87 4500Z, L3000, L4500	4D	950	15	9X-9721	
1991-84 1900Z, 2000Z, 3500Z	4D	850	15	9X-9721	
1991-83 1500C, 1500D, 1700C	30H	800	15	430-5996	—
1991-83 1700Z, 1900, 1900C	30H	800	15	430-5996	—
1991-83 500Z	30H	800	15	430-5996	—
1991-76 5500, 7500	8D	975	15	153-5720	628-8824
1991-75 2500C, 3000C, 4000E	7D	925	173	8C-3633	—
1991-75 4500, 5500Z	7D	925	173	8C-3633	—
1983-73 1500C, 1500D, 1500Z	4	590	15	8C-3633	—
1983-73 1700C, 1700Z, 1900	4	590	15	8C-3633	—
1983-73 1900C	4	590	15	8C-3633	—
1981-72 2000C, 2000D	5D	820	173	8C-3633	—
<b>UNIT CRANE &amp; SHOVEL CORP.</b>					
<b>Cranes &amp; Shovels</b>					
1986-73 150-H, 2700B, 2800B	8D	900		153-5720	628-8824
1986-73 342-H, 381-H, 5000	8D	900		153-5720	628-8824
1986-73 5500	8D	900		153-5720	628-8824
1980-68 1220A, 1220B, 1225WA	4	650	15	8C-3633	—
1980-68 300, 400, 500, 750	4	650	15	8C-3633	—
1980-64 H-171, H-172, H-201	8D	900		153-5720	628-8824
1980-64 H-202, H-30T, H-401	8D	900		153-5720	628-8824
1980-64 H-471	8D	900		153-5720	628-8824
1975-63 All- Diesel	4	790	15	8C-3633	—
1975-63 All- Gas	60	305		3T-5857 {29}	3T-5858 {29}
1968-65 360T- Diesel	3	690	15	8C-3629	—
1960-46 All except 360T- Gas	2L	400		8C-3629 {25}	8C-3617 {25}
1960-46 All except 510T- Gas	2L	400		8C-3629 {25}	8C-3617 {25}
1960-46 All except 513T- Gas	2L	400		8C-3629 {25}	8C-3617 {25}
1957-55 510T, 513T	5D	525		8C-3633	—
<b>UNIT RIG &amp; EQUIPMENT CO.</b>					
<b>INCLUDES DART TRUCK CO.</b>					
<b>Front End Wheel Loaders &amp; Log Stackers</b>					
1985-69 600C, 620C, KW120	8D	830	148	153-5720	628-8824
1985-69 KW30	8D	830	148	153-5720	628-8824
<b>Off Highway Trucks</b>					
1985-75 2085, 3065, 3075	8D	830	15	153-5720	628-8824
1985-75 3100, 3120, 4100	8D	830	15	153-5720	628-8824
1985-75 4120, 4150	8D	830	15	153-5720	628-8824
<b>Open Pit Mining Trucks</b>					
1983-70 BD-180, BD-30, BWE	8D	935	148	153-5720	628-8824

MAKE <sup>(149)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (150)	Replacement	
				Option 1	Option 2
1983-70 Mark 36	8D	935	148	153-5720	628-8824
1983-62 M-100, M-120	8D	935	148	153-5720	628-8824
1983-62 M-120-17, M-200	8D	935	148	153-5720	628-8824
1983-62 M-24, M-30, M-85	8D	935	148	153-5720	628-8824
<b>VERMEER MFG. CO.</b>					
<b>Auger</b>					
1980-63 M-12	24	250	173	153-5656	—
<b>Chippers</b>					
1999-91 1200BC, 1220BC	24	580		153-5656	3T-5857
1999-91 1220BC- Diesel	31T	925		354-3613	100-4081
1999-91 935BC	24	580		153-5656	3T-5857
1999-88 620, 620BC, 625BC	24	485		153-5656	3T-5857
1995-78 1250BC, 1250UBC	24	580		153-5656	3T-5857
1995-78 1600, 1600A	24	580		153-5656	3T-5857
1995 1230BC	31T	925		354-3613	100-4081
1991-87 1250	24	580	147	153-5656	3T-5857
1987-70 671- Diesel	4D	800		9X-9721	
1978-70 671	24	365		153-5656	3T-5857
<b>Compactors</b>					
1999-91 D14/24, D7	24	575		153-5656	3T-5857
1993-88 TC4	26R	425	15	369-9958	250-0489 {32}
<b>Frost Cutters &amp; Stump Cutters</b>					
1999-93 1102SC, 672	31T	925		354-3613	100-4081
1993-90 665B	24	485		153-5656	3T-5857
1993-90 665B- Diesel	31T	925		354-3613	100-4081
1993-71 2465, 630A, 665	24	440		153-5656	3T-5857
1993-71 665A	24	440		153-5656	3T-5857
1993-63 1560, 186, 206	24	440		153-5656	3T-5857
1993-63 222SC, 2460A, 6, 618	24	440		153-5656	3T-5857
1993-63 M-18	24	440		153-5656	3T-5857
1991-88 630B	26	425		8C-3600	250-0489 {32}
1971-63 10, 15, 18	24F	440	17	3T-5858	250-0487
1971-63 2460A, 630	24F	440		3T-5858	250-0487
1967-62 F-100 60	24F	440		3T-5857 {29}	3T-5858 {29}
<b>Lawnmasters</b>					
1992-83 LM-35, LM-40	30H	685		430-5996	—
1983-79 LM-35	22F	250		3T-5859	369-9958
1981-76 Dink Digger w/Independent PTO	24	365		153-5656	3T-5857

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150 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(151)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (151)	Replacement		MAKE <sup>(151)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (151)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1981-76 LM-18- w/Independent PTO	24	365		153-5656	3T-5857	1999-91 V-5050, V-5800	24	625	147	153-5656	3T-5857
<b>Log Splitters</b>						1999-88 V-7650, V-8050	4D	1000		9X-9721	
1987-80 LS-150A	22F	250		3T-5859	369-9958	1999-88 V-8550	4D	1000		9X-9721	
1987-71 LS-200	24	250		153-5656	3T-5857	1995-83 LM-35, LM-40, LM-42	29H	685		430-5996	—
<b>Portable Walk-Behind Trencher</b>						1993-92 V-4150- Optional	24	575	15	153-5656	3T-5857
2013 RT450	29H	660		430-5996	—	1993-92 V-4150, V-4750	30H	660		8C-3627	430-5996
2013 RTX1250	4D	1000		9X-9721		1993-92 V-4750- Optional	24	575	15	153-5656	3T-5857
2013 RTX750	29H	950		430-5996	—	1993-91 FlexTrak-115	31T	950		354-3613	100-4081
<b>Tree Mover</b>						1993-91 FlexTrak-75	31T	950		354-3613	100-4081
1988-66 AD Series- Diesel	4D	640		3T-5858	250-0487	1993-90 M-5850, M-7850	24	575	147	153-5656	3T-5857
<b>Tree Spades</b>						1993-90 T-450, T-455	24	575	147	153-5656	3T-5857
1993-67 TS-30- Other Eng	24	485		153-5656	3T-5857	1993-85 CC-135, CC-90	8D	1155		153-5720	628-8824
1993-67 TS-30- Ford Eng	24F	485		3T-5858	250-0487	1993-78 V-430, V-430A, V-440	24	575	147	153-5656	3T-5857
1993-67 TS-44A- Other Eng	24	485		153-5656	3T-5857	1993-78 V-450, V-455A	24	575	147	153-5656	3T-5857
1993-67 TS-44A- Ford Eng	24F	485		3T-5858	250-0487	1993-76 M-455A, M-475	4D	1000		9X-9721	
1993-67 TS-530- Other Eng	24	485		153-5656	3T-5857	1993-76 M-475A, M-485, M-495	4D	1000		9X-9721	
1993-67 TS-530- Ford Eng	24F	485		3T-5858	250-0487	1993-76 T-1450, T-1455	8D	1155	147	153-5720	628-8824
1993-67 TS-544- Other Eng	24	485		153-5656	3T-5857	1993-76 T-650, T-800, T-800B	8D	1155	147	153-5720	628-8824
1993-67 TS-544- Ford Eng	24F	485		3T-5858	250-0487	1993-76 T-800C, T-800HT	8D	1155	147	153-5720	628-8824
<b>Trenchers, Ditchmasters</b>						1993-72 T-600B, T-600C	4D	1000	147	9X-9721	
2012-08 RTX750	29H	950		430-5996	—	1993-72 T-600D, T-850	4D	1000	147	9X-9721	
2012-07 RTX1250	4D	1000		9X-9721		1993-72 V-7550, V-8050	4D	1000	147	9X-9721	
2012-05 RT950, XTS1250	NA	1000		—	—	1991-89 V-1550	26	310		8C-3600	250-0489 {32}
2012-03 LM42	31T	660		175-4370	8C-3628	1987-68 M-220, M-455A	24	365	147	153-5656	3T-5857
2012-03 RT350, RT450	29H	660		430-5996	—	1987-68 M-465A, M-470	24	365	147	153-5656	3T-5857
2011-99 LM25	26	400		8C-3600	250-0489 {32}	1987-68 M-470D	24	365	147	153-5656	3T-5857
2011-06 RTX450	29H	660		430-5996	—	1985-62 Dinky Digger, M-418	24	370	147	153-5656	3T-5857
2000-96 T-1055, T-1255	8D	1105	15	153-5720	628-8824	1985-62 M-434, M-437, M-437A	24	370	147	153-5656	3T-5857
2000-96 T-1505, T-865	8D	1105	15	153-5720	628-8824	1985-62 M-440, M-450, M-450D	24	370	147	153-5656	3T-5857
2000-96 T-9554	8D	1105	15	153-5720	628-8824	1985-62 M-455	24	370	147	153-5656	3T-5857
2000-95 TC4A	26R	425		369-9958	250-0489 {32}	1984-70 T-400A, T-400B	4D	800		9X-9721	
2000-91 T-455, T-555	31T	950	15	354-3613	100-4081	1984-70 T-400C	4D	800		9X-9721	
2000-90 T-655, T-658, T-755	31T	950	177	354-3613	100-4081	1984-65 T-100, T-200, T-218	24	365		153-5656	3T-5857
2000-90 T-758, T-850	31T	950	177	354-3613	100-4081	1984-65 T-230, T-300, T-300A	24	365		153-5656	3T-5857
2000-88 CC135, CC145	4D	1000		9X-9721		1984-65 T-300B, T-400	24	365		153-5656	3T-5857
1999-95 V-5750	29H	660		430-5996	—	1976-63 LM18, M-18, M-30	24	365	17,147	153-5656	3T-5857
1999-94 OCC-135	8D	1150		153-5720	628-8824	1976-63 M-36, M-50, M-50D	24	365	17,147	153-5656	3T-5857
1999-94 V-3550	29H	660		430-5996	—	1976-63 M-60	24	365	17,147	153-5656	3T-5857
						1975-69 T-600A- DD 353 Eng	4D	1000		9X-9721	
						1975-64 T-600- Ford Eng	24F	485		3T-5858	250-0487
						1975-62 W-1, W-1A, W-3	24	365		153-5656	3T-5857

**151 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

*Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.*

152 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(153)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	Replacement	
				Option 1	Option 2
1971-63 E-30, M-30, M-36	24F	365	17	3T-5858	250-0487
1971-63 M-437, M-450, M-460	24F	365	17	3T-5858	250-0487
1971-63 M-465, M-50, M-60	24F	365	17	3T-5858	250-0487
1970-64 T-600A - Diesel	24F	485		3T-5858	250-0487
1967-63 4T, 524T - Optional	24	315		153-5656	3T-5857
1967-54 4T, 524T	1	550		8C-3617	—
1963-60 36	1	550		8C-3617	—
1962-58 W-1, W-2, W-3	1	550		8C-3617	—
<b>VERSA, INC.</b>					
<b>Bagger</b>					
2004 Bagger 891	31T	625	15	175-4370	8C-3628
<b>VERSATILE, INC.</b>					
<b>FORD-NEW HOLLAND CANADA LTD.</b>					
Additional equipment listed in the Farm Equipment section					
<b>Loaders</b>					
1999-90 744	4D-LT	750		153-5700 {30}	8C-3622
<b>Skid Steer</b>					
2004-02 2145-145 hp	31T	660		3T-5760	8C-3628
2004-02 2160-160 hp	31T	660		3T-5760	8C-3628
2004-02 2180-180 hp	31T	660		3T-5760	8C-3628
2004-02 2210-210 hp	31T	660		3T-5760	8C-3628
2004-02 2290-290 hp	31T	660		3T-5760	8C-3628
2004-02 2335-335 hp	31T	660		3T-5760	8C-3628
2004-02 2360-360 hp	31T	660		3T-5760	8C-3628
2004-02 2375-375 hp	31T	660		3T-5760	8C-3628
2004-02 2425-425 hp	31T	660		3T-5760	8C-3628
<b>WACKER CORPORATION</b>					
<b>Diesel Vibro Plates</b>					
1999-84 DPU 5055, DPU 6055	22F	255		3T-5859	369-9958
1999-84 DPU 6760, DPU 7060	22F	255		3T-5859	369-9958
<b>Generators</b>					
1999-93 G-25, G-45, G-60	27	500		153-5656	8C-3601
1999-93 G-75	27	500		153-5656	8C-3601
<b>Light Towers</b>					
1999-95 4S, LT-4 - Optional	24F	330		3T-5858	250-0487
1999-95 4S, LT-4, LT-4S	24	330		153-5656	3T-5857
1999-95 LT-4S, LTP-4 - Optional	24F	330		3T-5858	250-0487
1999-95 LTP-4	24	330		153-5656	3T-5857
<b>Pumps</b>					
1999-92 PT6LT	31T	685		3T-5760	8C-3628
1991-88 PT6DS, PT6DT	24F	450		3T-5858	250-0487

MAKE <sup>(153)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	Replacement	
				Option 1	Option 2
<b>Ride-On Trowels</b>					
1999-95 ART46, ASN, ASO	26	400		8C-3600	250-0489 {32}
1999-95 CRT36, CRT46, KHN	26	400		8C-3600	250-0489 {32}
<b>Rollers</b>					
1999-89 R1000, R1000B	31T	685		3T-5760	8C-3628
1999-89 R1000S, RT560, RT820	31T	685		3T-5760	8C-3628
1994-81 WDH86-110, WHK 50100	22F	225		3T-5859	369-9958
1994-81 WHK 90A, WHK 90L	22F	225		3T-5859	369-9958
1989-84 R1000, R1000B	24F	450		3T-5858	250-0487
1989-84 R1000S	24F	450		3T-5858	250-0487
1984-79 R900, R900S	24	220		153-5656	3T-5857
<b>WAGNER MINING EQUIPMENT CO.</b>					
<b>Loaders</b>					
1989-81 ST-1.3A	31T	600		175-4370	8C-3628
1989-66 HST-1A, JS-500	30H	540	147	8C-3627	430-5996
1989-66 ST-11, ST-13, ST-2B	4D	950	147	9X-9721	
1989-66 ST-2A, ST-3-1/2, ST1	30H	540	147	8C-3627	430-5996
1989-66 ST-2C, ST-2D, ST-3	4D	950	147	9X-9721	
1989-66 ST-6C, ST-8, ST-8A	4D	950	147	9X-9721	
1989-61 ST-4A, ST-4C, ST-5	4D	950	15	9X-9721	
1989-61 ST-5A, ST-5B, ST-5D	4D	950	15	9X-9721	
1989-61 ST-5E, ST-5H	4D	950	15	9X-9721	
1984-72 MS-1 1/2, MS-1F	4D	950	147	9X-9721	
1984-72 MS-1H, MS-2, MS-3	4D	950	147	9X-9721	
1984-72 MS-3A	4D	950	147	9X-9721	
1984-63 HST-5, SD-2 1/2	4D	950	147	9X-9721	
1984-63 SD-3, ST-1, ST-1 1/2	4D	950	147	9X-9721	
1984-63 ST-1 1/2A	4D	950	147	9X-9721	
1971-60 MS-1 1/2, MS-1F	30- HR	540		430-5996	250-0486 {29}
1971-60 MS-1H	30- HR	540		430-5996	250-0486 {29}
1967-60 MS-2, MS-3, SD-2-1/2	4D	815	147	9X-9721	
1967-60 SD-3, ST-5	4D	815	147	9X-9721	
<b>Personnel Transports</b>					
1989-67 UT-42 - Optional	4D	950		153-5656	3T-5857
1989-67 UT-42, UT-45A	30H	540	148	153-5656	3T-5857
1989-67 UT-45A - Optional	4D	950		153-5656	3T-5857
1984-72 PT-10, PT-14	4D	950		153-5656	3T-5857
1971-63 PT-10, PT-14, PT-30	30- HR	540		430-5996	250-0486 {29}
<b>Supply Carriers</b>					
1984-79 DC-07	31T	600	15	175-4370	8C-3628

153 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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154 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(155)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	Replacement	
				Option 1	Option 2
1984-65 FT-410A, FT-410Z	4D	950	147	9X-9721	
1984-65 LT-410A, PM-22	4D	950	147	9X-9721	
1984-65 TT-410A, UT-410A	4D	950	147	9X-9721	
1984-65 UT-F20	4D	950	147	9X-9721	
1971-63 LT-410, TT-410	30-HR	540		430-5996	250-0486 {29}
1971-63 UT-410	30-HR	540		430-5996	250-0486 {29}
1971 HPT-5	30-HR	540		8C-3627	430-5996
<b>Trucks</b>					
1989-78 MT-411-30, MT-413-30	31T	600	15	175-4370	8C-3628
1989-75 MT-245-30/433-30	4D	950	15	3T-5760	
1989-75 MT-414-30, MT-416-30	4D	950	15	3T-5760	
1989-75 MT-420-30	4D	950	15	3T-5760	
1989-67 MT-435-32	4D	950	147	3T-5760	
1989-67 MTP-410-30, MTP-F10	4D	950	147	3T-5760	
1989-67 MTP-F12-30	4D	950	147	3T-5760	
1989-66 MT-F25-35, MT-F25-44	4D	950	15	3T-5760	
1989-66 MT-F28	4D	950	15	3T-5760	
1989-66 MTT-F15, MTT-F20	4D	950	147	3T-5760	
1989-66 MTT-F20-23	4D	950	147	3T-5760	
1989-66 MTT-F20-24	4D	950	147	3T-5760	
1989-66 MTT-F20-27A, MTT-R15	4D	950	147	3T-5760	
1989-63 MTT-420-27A	4D	950	15	3T-5760	
1989-63 MTT-420-27B	4D	950	15	3T-5760	
1989-63 MTT-420-30	4D	950	15	3T-5760	
1989-63 MTT-420-38	4D	950	15	3T-5760	
1989-63 MTT-422-30	4D	950	15	3T-5760	
1989-63 MTT-423-38	4D	950	15	3T-5859	
1989-61 MTT-415, MTT-415-22	4D	950	15	3T-5859	
1989-61 MTT-417-25	4D	950	15	3T-5760	
1989-61 MTT-419-32	4D	950	15	153-5656	
1989-61 MTT-435-20, MTT-610A	4D	950	15	153-5656	
1984-72 MF-F10	4D	950		3T-5760	
1984-72 MT-F50-26	8D	1000	15	3T-5858	628-8824
1984-69 HPT-5, MTT-426-23A	30H	540		153-5656	430-5996
1984-69 MTT-F10, MTT-F25-23	30H	540		3T-5858	430-5996
1984-69 MTT-F26-23, UT-F20	30H	540		153-5656	430-5996
1984-68 MTT-425-28	8D	1000	15	3T-5760	628-8824
1984-66 HMTT-410, PM-22	4D	950	147	3T-5760	
1984-63 MTT-425-34	4D	950	15	3T-5858	
1984-63 MTT-425-36	4D	950	15	3T-5760	
1984-63 MTT-425-46	4D	950	15	3T-5760	

MAKE <sup>(155)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	Replacement	
				Option 1	Option 2
1984-63 MTT-426-23	4D	950	15	9X-9721	
1984-62 MT-F15	30H	540	15	8C-3627	430-5996
1984-62 MT-F15- Optional	4D	815	15	9X-9721	
1984-61 MTT-413, MTT-420	4D	950	15	9X-9721	
1984-61 MTT-425, MTT-F40-44	4D	950	15	9X-9721	
1984-61 MTT-R40	4D	950	15	9X-9721	
1977-72 MT-F10-C	4D	695	147	9X-9721	
1967-60 MT-F10-C, MTP-F10	30-HR	540		430-5996	250-0486 {29}
1967-60 MTP-F12-30	30-HR	540		430-5996	250-0486 {29}
<b>WALDON, INC.</b>					
<b>Aerial Lifts</b>					
1998-88 Sky Jacker, Sky Van	8D	1150	15	153-5720	628-8824
<b>Dozers</b>					
1999-98 LD80, WD80	34/78	850		127-0826	430-5997
1999-95 7000, 7500- Diesel	34/78	875	49	127-0826	430-5997
1999-85 6000B- Diesel	26R	460	15	369-9958	250-0489 {32}
1999-85 6000C, 8500C	26R	460	15	369-9958	250-0489 {32}
1988-84 8500B	71	650	49	7X-6100 {32}	—
1984-81 8500	31T	625		175-4370	8C-3628
1982-81 4500	31T	625		175-4370	8C-3628
1982-78 6000	22F	405	15	3T-5859	369-9958
1982-75 5000, 5200	24	505		153-5656	3T-5857
1982-75 6000- Optional	24	505		153-5656	3T-5857
<b>Loaders</b>					
1999-91 4500B	31T	625	147	175-4370	8C-3628
1999-83 4100, 5100	31T	625	147	175-4370	8C-3628
<b>Sweepers</b>					
1999-98 8C- Lay-Mor	31T	950		354-3613	100-4081
1999-98 Sweepmaster 250	31T	950		354-3613	100-4081
1999-94 6HB, 6HC, 8B- Lay-Mor	34/78	525		369-9957	7X-6100
1999-94 8HC- Lay-Mor	34/78	525		369-9957	7X-6100
1997-91 Sweepmaster B- Diesel	31T	950		354-3613	100-4081
1997-91 Sweepmaster II- Diesel	31T	950		354-3613	100-4081
1991-85 Sweepmaster- Diesel	26R	460	15	369-9958	250-0489 {32}
<b>WARD LAFRANCE</b>					
<b>Aerials, Pumpers, Snorkels</b>					
1977-66 A-80, P-80, P-82	8D	935	15	153-5720	628-8824
1977-66 P-85, S-80	8D	935	15	153-5720	628-8824

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156 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(157)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (158)	Replacement	
				Option 1	Option 2
<b>WESTINGHOUSE AIR BRAKE CO.</b>					
See also LETOURNEAU-WESTINGHOUSE					
<b>Air Compressors</b>					
1971-70 125RD1, 150RD1	30H	525		8C-3627	430-5996
1971-70 125RG1A, 125RG1B	3EE	375		8C-3620	—
1971-70 125TA	24	325		153-5656	3T-5857
1971-70 150G1, 170RG2, 85RG1	3EE	375		8C-3620	—
1971-70 170RD1	30H	525		8C-3627	430-5996
1971-70 365SD1, 450RD2	4D	800	147	9X-9721	
1971-70 600RD2, 600SD1	8D	975		153-5720	628-8824
1971-70 900SD1	4D	800	147	9X-9721	
<b>WHITE-NEW IDEA DIVISION</b>					
<b>Industrial</b>					
1988-84 2-32	27	530		153-5656	8C-3601
1988-82 2-55, 2-65, 2-75	27	530	15	153-5656	8C-3601
1987-82 2-88	3EH	825	15	8C-3632	—
1984-79 2-30, 2-35	31T	515		175-4370	8C-3601
1982-80 2-45, 2-62	27	530	15	153-5656	8C-3601
1982-76 2-70	4	610	15	8C-3633	—
1982-76 2-85	3EH	825	15	8C-3632	—
<b>WHITE-OLIVER</b>					
See also OLIVER					
<b>Industrial Wheel Tractors</b>					
1968-66 2-44- Diesel	1	500	15	8C-3617	—
	60	400		3T-5857 {29}	3T-5858 {29}
1968-66 2-62, 2-78- Diesel	5D	800	15	8C-3633	—
1968-66 2-62, 2-78, 4-78	6D	750		153-5700	
1968-66 4-78- Diesel	5D	800	15	8C-3633	—
<b>WHITEMAN MFG. CO.</b>					
<b>Concrete Equipment</b>					
1983-59 DB-60- Cart powered	U1	235		8C-3636	—
1978-69 B-85	24	360		153-5656	3T-5857
1978-65 P-40G, P-60D	24	330	179	153-5656	3T-5857
1978-65 P-80D Pumps	24	330	179	153-5656	3T-5857
<b>Forklifts &amp; Power Buggies</b>					
1990-58 WBH-16E Buggy	U1	235		8C-3636	—
<b>Lift</b>					
1990-58 M-WLS-1000	U1	235		8C-3636	—
<b>Twin Finishing Machines</b>					
1990-80 All	U1	235		8C-3636	—
<b>WILLMAR</b>					

MAKE <sup>(157)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (158)	Replacement	
				Option 1	Option 2
<b>Mini Wheel Loaders</b>					
2013-05 Wrangler 4550	49	770		307-0751	—
<b>WOOD CHUCK CHIPPER CORP.</b>					
Formerly SAFETY TEST & EQUIPMENT CO.					
<b>Wood Chuck Chippers</b>					
1984-71 w/CA12, w/CA16	24	330	15	153-5656	3T-5857
1984-71 w/CA12, w/CA16- Diesel	30H	510	147	8C-3627	430-5996
<b>WORKFORCE AERIAL LIFTS</b>					
<b>SEE BIL-JAX INC.</b>					
<b>WORTHINGTON COMPRESSORS, INC.</b>					
In the absence of a cranking performance specification supplied by the original equipment vehicle manufacturer, the rating shown is based upon battery industry consensus.					
<b>Early Models Portable Air Compressors, Reciprocating</b>					
1959-46 60, 75	1	550		8C-3617	—
1956-43 105, 125, 160	3	690	147	8C-3629	—
1956-43 210- IHC UD-14A	3	690	148	8C-3629	—
1956-43 315- Exc Murphy 220	4	790	148	8C-3633	—
1956-43 600- Exc Murphy 220	4	790	148	8C-3633	—
<b>Portable Air Compressors</b>					
1976-73 1150	4D	625	148	9X-9721	
1976-73 750, 850	7D	875	148	8C-3633	—
1976-73 750, 850- Optional	8D	875	148	153-5720	628-8824
1976-70 175- Hercules G-2300	24	315		153-5656	3T-5857
1976-70 175- Hercules D-2300	4D	640		153-5656	3T-5857
1976-67 600- Cummins 12V & GM 6-71N	8D	875		153-5720	628-8824
1976-67 160- IHC C-200 & Herc G2300 Eng	24	315		153-5656	3T-5857
1976-66 160- Hercules D2300 Eng	6D	750		175-4370	8C-3628
1976-64 1050, 900TS	8D	875	148	153-5720	628-8824
1976-64 125, 85- IHC Eng	24	315		153-5656	3T-5857
1976-64 250	3	580	148	8C-3629	8C-3617
1976-64 365- GM 4-71 Eng	7D	875	148	8C-3633	—
1976-64 600- Cummins	7D	875	148, 166	8C-3633	—
1976-64 600 SS	7D	875	148	8C-3633	—
1971-65 125- Hercules GD2300 Eng	6D	750		153-5700	
<b>Portable Air Compressors, Rotary Type</b>					
1967-64 315- Optional, GM Eng	7D	880	148	8C-3633	—
1967-64 365- Optional, GM Eng	7D	880	148	8C-3633	—
1967-64 600T.S. - Optional, GM Eng	7D	880	148	8C-3633	—
1967-63 85	24	315		153-5656	3T-5857
1967-60 125- Cont G-193 & Herc G2300 Eng	24	315		153-5656	3T-5857

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158 See page 413 for further description.

# Industrial Equipment

MAKE <sup>(159)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (160)	Replacement		MAKE <sup>(155)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1967-60 125 - Cont GD-193 & Herc D2300 Eng	6D	900		153-5700		1973-58 Y-18	1	525		8C-3617	—
1967-60 160 - Cont GD-193 & Herc G2300 Eng	6D	900		153-5656	3T-5857	1971-58 G10P-Series 030-040-050	1	525		8C-3617	—
1967-60 160 - Cont GD-193 & Herc D2300 Eng	6D	900		153-5700		<b>Material Handling Trucks</b>					
1967-60 900T.S.	8D	900	148	153-5720	628-8824	1973-63 D51P-Series 030-040-050	30H	500		8C-3627	430-5996
1967-56 210, 250	3	690	147	8C-3629	—	1973-58 D5 - Series 150-220	4D	825		9X-9721	
1965-63 600 S.S.	7D	880		8C-3633	—	1973-58 DP3P - Series 150-220	4D	825		9X-9721	
1963-56 315, 365 - Cummins	8D	900	148	153-5720	628-8824	1973-58 G-3H - Series 150-220	24	325		153-5656	3T-5857
1963-56 600T.S. - Cummins	8D	900	148	153-5720	628-8824	1973-58 G-3P - Series 150-220	24	325		153-5656	3T-5857
1963-55 315, 365 - GM Eng	4	790	148	8C-3633	—	1973-58 G-5 - Series 150-220	24	325		153-5656	3T-5857
1963-55 600T.S. - GM Eng	4	790	148	8C-3633	—	1973-58 G-52, GC-52, GP-52	2E	525		8C-3632 {30}	—
1963-55 Herc. DD198, JX4D	3	690	148	8C-3629	—	1973-58 G-54C, G-54P	24	325		153-5656	3T-5857
<b>YALE &amp; TOWNE</b>						1973-58 KD - Series 60H-70-80	6D	885		153-5700	
<b>Industrial Tractors &amp; Tractor Shovels</b>						1973-58 KDP - Series 60H-70-80	6D	885		153-5700	
1973-58 KG-51, KGA-51	1	525		8C-3617	—	1973-58 KG, KGP, KGS - Series	1	525		8C-3617	—
1973-58 KGP-51, KGPA-51	1	525		8C-3617	—	1963-54 KDP Series 40 - 06	1B 885	625		153-5700 {26}	26}
						1953-52 KD Series 40 - 50	1	525	15	8C-3617	—

159 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

*Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.*

160 See page 413 for further description.

# Farm Equipment

MAKE <sup>(1)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
<b>AG CHEM EQUIPMENT</b>					
<b>Self Propelled Sprayers</b>					
<b>RoGator</b>					
2011-98	1054	31T 700	15	3T-5760	8C-3628
2008-04	1064, 1074, 1074C	31T 700	15	3T-5760	8C-3628
2010-99	1254	31T 700	15	3T-5760	8C-3628
2008-04	1264, 1268C, 1274	31T 700	15	3T-5760	8C-3628
2007	1268	31T 700	15	3T-5760	8C-3628
2011	554	31T 700	15	3T-5760	8C-3628
2008-94	554	31T 700	15	3T-5760	8C-3628
2007-04	664	31T 700	15	3T-5760	8C-3628
1998-87	664	31T 700	15	3T-5760	8C-3628
2010-87	854	31T 700	15	3T-5760	8C-3628
2008-00	856	31T 700	15	3T-5760	8C-3628
2008-01	864	31T 700	15	3T-5760	8C-3628
2008-04	874	31T 700	15	3T-5760	8C-3628
2008	SS 874	31T 700	15	3T-5760	8C-3628
2008-07	SS1074	31T 700	15	3T-5760	8C-3628
2009-08	SSC1074	31T 700	15	3T-5760	8C-3628
<b>TerraGator</b>					
2011-86	1903	31T 700	15	3T-5760	8C-3628
2008-98	3104	31T 700	15	3T-5760	8C-3628
2008-02	3244, 4104, 6203	31T 700	15	3T-5760	8C-3628
2011-99	6103, 8144, 9103	31T 700	15	3T-5760	8C-3628
2011-98	8103, 8104	31T 700	15	3T-5760	8C-3628
2008-02	8203, 8204, 8244	31T 700	15	3T-5760	8C-3628
2008-02	9105, 9195, 9203	31T 700	15	3T-5760	8C-3628
2008-02	9205	31T 700	15	3T-5760	8C-3628
<b>AGCO-ALLIS, ARGO-STAR, DEUTZ AND DEUTZ</b>					
<b>Formerly DEUTZ-ALLIS DIV or WHITE-NEW IDEA DIV</b>					
<b>Gleaner Combines</b>					
1987	F2, F3, FR	24 580	15	153-5656	3T-5857
1986-75	F2, F3, FR, MH2, N5	27 580	15	153-5656	8C-3601
1986-75	N6, N7	27 580	15	153-5656	8C-3601
1995-86	R40	24 580	15	153-5656	3T-5857
2000-87	R42, R52	24 580	15	153-5656	3T-5857
1995-87	R42A, R50, R53A	24 580	15	153-5656	3T-5857
2000-93	R42L, R52L, R62L	24 600	181	153-5656	3T-5857
1995-92	R52A	24 580	15	153-5656	3T-5857
1986	R60	24 580	15	153-5656	3T-5857
1995-87	R60, R62A, R72A	24 580	181	153-5656	3T-5857
2000-87	R62	24 580	181	153-5656	3T-5857
1995-86	R70	24 580	181	153-5656	3T-5857
2000-86	R72	24 580	181	153-5656	3T-5857
2000-93	R72L	24 600	181	153-5656	3T-5857

MAKE <sup>(1)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
<b>Self Propelled Sprayers</b>					
2011-97	Eagle	31T 700	15	3T-5760	8C-3628
<b>Wheel Tractors</b>					
1986-85	2004 Intrac, DX3.10	4DLT 750		153-5700 {30}	8C-3622
1997-91	4650	48 470		430-5993	430-6001
2000-91	4660	48 470		430-5993	430-6001
2017-93	5650, 5660, 5670 - 2WD	49 470		307-0751	—
1992-91	5650, 5660, 5670	48 470		430-5993	430-6001
2000-91	5680, 6680, 6690	49 470		307-0751	—
1994-91	6105	4DLT 630	49	153-5700 {30}	8C-3622
1995-93	6124, 6125, 6144	24 600	15	153-5656	3T-5857
1995-93	6145, 6175, 6195	24 600	15	153-5656	3T-5857
1991-90	6150	30H 490		8C-3627	430-5996
1999-94	6215, 9455, 9815	24 600	15	153-5656	3T-5857
1991-84	6240, 6250, 6260	4DLT 750		153-5700 {30}	8C-3622
1991-84	6265, 6275, 7085	4DLT 750		153-5700 {30}	8C-3622
2017-93	6670 - 2WD	49 470		307-0751	—
1992-91	6670	48 470		430-5993	430-6001
1992-91	6670 - Optional	49 500		307-0751	—
1991-84	7110, 7129	4DLT 750	15	153-5700 {30}	8C-3622
1989-84	7145	4EH 880	15	8C-3632	—
1999-93	7600 - 2WD	49 500		307-0751	—
1992-91	7600	49 500		307-0751	—
1997-91	7630, 7650, 8610	4DLT 630	49	153-5700 {30}	8C-3622
2000-95	8360, 8425	31T 700	181	3T-5760	8C-3628
1997-91	8630	4DLT 630	49	153-5700 {30}	8C-3622
2000-93	8745, 8765, 9630	24 600	15	153-5656	3T-5857
2014-97	8775, 8785, 9735 - 2WD	24 600	15	153-5656	3T-5857
1996-93	8775, 8785, 9735	24 600	15	153-5656	3T-5857
1993-89	9130	24 580	15	153-5656	3T-5857
1993-89	9150, 9170, 9190 - WD	24 580	15	153-5656	3T-5857
1999-94	9435	30H 800	15	430-5996	—
2000-93	9635, 9650, 9655	24 600	15	153-5656	3T-5857
	2000-93	24 600	15	153-5656	3T-5857
1997-93	9675, 9690, 9695	24 600	15	153-5656	3T-5857
2014-97	9745 - 2WD	24 600	15	153-5656	3T-5857
1996-93	9745	24 600	15	153-5656	3T-5857
2014-99	9755, 9765, 9775 - WD	24 600	15	153-5656	3T-5857

1 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

2 See page 413 for further description.

# Farm Equipment

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (4)	Replacement	
				Option 1	Option 2
1998-93 9755, 9765, 9775	24	600	15	153-5656	3T-5857
2014-99 9785- 2WD	24	600	15	153-5656	3T-5857
1998-93 9785	24	600	15	153-5656	3T-5857
1986-70 D10006, D4807CA	4DLT	750		153-5700 {30}	8C-3622
1979-72 D13006	4D	760		9X-9721	
1972-68 D25-06	30H	380		8C-3627	430-5996
1986-68 D3006, D3607, D4006	30H	520		8C-3627	430-5996
1986-76 D4007	30H	520		8C-3627	430-5996
1986-68 D4506	30H	520		8C-3627	430-5996
1986-81 D4507 - Optional	4DLT	750		153-5700 {30}	8C-3622
1986-81 D4507, D4507A, D4807	30H	520		8C-3627	430-5996
1986-81 D4507A - Optional	4DLT	750		153-5700 {30}	8C-3622
1980-69 D5206, D5506	30H	520		8C-3627	430-5996
1986-81 D5207 - Optional	4DLT	750		153-5700 {30}	8C-3622
1986-81 D5207, D5207A	30H	520		8C-3627	430-5996
1986-81 D5207A - Optional	4DLT	750		153-5700 {30}	8C-3622
1975-69 D6006	4DLT	750		153-5700 {30}	8C-3622
1983-74 D6206, D6207	30H	520		8C-3627	430-5996
1983-74 D6206, D6207 Optional	4DLT	750		153-5700 {30}	8C-3622
1986-79 D6507, D6507A	4DLT	750		153-5700 {30}	8C-3622
1986-79 D6507C, D6507CA	4DLT	750		153-5700 {30}	8C-3622
1986-79 D6806, D6807	4DLT	750		153-5700 {30}	8C-3622
1986-79 D7007, D7007A	4DLT	750		153-5700 {30}	8C-3622
1986-79 D7007C, D7007CA	4DLT	750		153-5700 {30}	8C-3622
1986-79 D7206	4DLT	750		153-5700 {30}	8C-3622
1986-79 D7807, D7807A	4DLT	750		153-5700 {30}	8C-3622
1986-79 D7807C, D8006	4DLT	750		153-5700 {30}	8C-3622
1986-79 D90-06	4DLT	695		153-5700 {30}	8C-3622
1986-79 D9006	4DLT	750		153-5700 {30}	8C-3622
1984-79 DC130A, DC140A	4EH	810	15	8C-3632	—
1984-79 DX110, DX110A, DX120	4DLT	750		153-5700 {30}	8C-3622

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (4)	Replacement	
				Option 1	Option 2
1984-79 DX120A, DX90, DX90A	4DLT	750		153-5700 {30}	8C-3622
1984-79 DX130	4EH	880	15	8C-3632	—
1981-79 DX140	4EH	880	15	8C-3632	—
1986-85 DX160, DX160A	4EH	810	15	8C-3632	—
1986-85 DX3.10A, DX3.30	4DLT	750		153-5700 {30}	8C-3622
1986-85 DX3.30A, DX3.50	4DLT	750		153-5700 {30}	8C-3622
1986-85 DX3.70, DX3.70A	4DLT	750		153-5700 {30}	8C-3622
1986-85 DX3.90, DX3.90A	4DLT	750		153-5700 {30}	8C-3622
1986-85 DX350A, DX370	4DLT	750		153-5700 {30}	8C-3622
1986-84 DX4.70, DX4.70A	4DLT	750		153-5700 {30}	8C-3622
1986-84 DX6.30, DX6.30A	4DLT	750		153-5700 {30}	8C-3622
1986-84 DX6.50 - Optional	4EH	880	15	8C-3632	—
1986-84 DX6.50, DX6.50A	4DLT	750		153-5700 {30}	8C-3622
1986-79 DX7.10	4EH	880	15	8C-3632	—
1986-79 DX7.10A	4EH	810	15	8C-3632	—
1986-85 DX8.30	4DLT	750	15	153-5700 {30}	8C-3622
1986-85 Intrac	4DLT	750	147	153-5700 {30}	8C-3622
<b>Windrowers</b>					
2009-07 9330	31T	950		354-3613	100-4081
2006 9340	31T	950	15	354-3613	100-4081
2009-07 9345	31T	950	15	354-3613	100-4081
2009-06 9365	31T	950	15	354-3613	100-4081
2010 9635	31T	950	15	354-3613	100-4081
<b>ALLIED SYSTEMS CO.</b>					
<b>Pull Type Baler</b>					
2011-06 270, 280, 285, 370	8D	1400	15	153-5720	628-8824
2011-06 375, 380, 385	8D	1400	15	153-5720	628-8824
<b>Self Propelled Baler</b>					
2011-06 270, 370	8D	1400	15	153-5720	628-8824
<b>ALLIS-CHALMERS &amp; DEUTZ-ALIS</b>					
<b>Additional equipment is listed in the Industrial, Road and Miscellaneous Equipment section. Some ratings for older models are based upon 5-1/4 times the 20HR rate.</b>					
<b>Planter</b>					
2004-02 385	30H	420		8C-3627	430-5996
<b>Wheel Tractors</b>					
1974-67 160, 170 - Diesel	30H	420		8C-3627	430-5996

3 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

4 See page 413 for further description.

# Farm Equipment

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (6)	Replacement	
				Option 1	Option 2
1974-67	170 - Gas	24	340		153-5656 3T-5857
1981-67	175, 180, 185 - Diesel	30H	580	147	8C-3627 430-5996
1981-67	185 - Diesel	30H	580	15	8C-3627 430-5996
1972-64	190	30H	420	147	8C-3627 430-5996
2004-02	190, 220, 385, 8070	30H	420		8C-3627 430-5996
1975-69	200, 210, 220 - Diesel	30H	420	179	8C-3627 430-5996
1976-72	440 - Diesel	8D	945	15	153-5720 628-8824
1985-82	4W-220 - Diesel	31T	625	148	175-4370 8C-3628
1985-82	4W-305 - Diesel	31T	625	173	175-4370 8C-3628
1985-77	5015, 5020	24F	300		3T-5858 250-0487
1985-78	5030	24F	300		3T-5858 250-0487
1985-75	5040, 5050 - Diesel	30H	580	147	8C-3627 430-5996
1978-76	540	24	305		153-5656 3T-5857
1985-82	6040 - Diesel	30H	420		8C-3627 430-5996
1985-80	6060 - Diesel	30H	580	15	8C-3627 430-5996
1985-84	6070 - Diesel	30H	580	15	8C-3627 430-5996
1983-82	6070 - Diesel	30H	580		8C-3627 430-5996
1981-80	6080 - Diesel	30H	580	15	8C-3627 430-5996
1985-82	6080, 6140 - Diesel	30H	580		8C-3627 430-5996
1984-80	640, 644 - Diesel	30H	580	15	8C-3627 430-5996
1981-73	7000 - Diesel	30H	420	15	8C-3627 430-5996
1981-73	7000, 7010 - Diesel	30H	580	147	8C-3627 430-5996
1981-73	7010, 7020 - Diesel	30H	580	15	8C-3627 430-5996
1981-73	7020, 7030 - Diesel	30H	580	147	8C-3627 430-5996
1981-73	7040 - Diesel	30H	420	148	8C-3627 430-5996
1981-73	7040, 7050 - Diesel	30H	580	147	8C-3627 430-5996
1981-75	7045, 7060 - Diesel	30H	420	148	8C-3627 430-5996
1981-79	705C, 706C - Diesel	8D	945		153-5720 628-8824
1984-82	705D, 706D, 708D	8D	945		153-5720 628-8824
1978-76	706, 715	30H	580		8C-3627 430-5996
2004-02	7060	30H	420	148	8C-3627 430-5996
1981-75	7080 - Diesel	30H	420	15	8C-3627 430-5996
2004	7080, 8010 - Diesel	30H	420	15	8C-3627 430-5996
1981-80	708C - Diesel	8D	945		153-5720 628-8824
1984-82	710C, 714C, 715C	30H	580	15, 215	8C-3627 430-5996
1981-79	714B, 715B - Diesel	30H	580	15, 215	8C-3627 430-5996
1981-75	7580 - Diesel	30H	420	148	8C-3627 430-5996
1984-82	766	8D	945		153-5720 628-8824
1985-82	8010 - Diesel, Optional	31T	625	15	175-4370 8C-3628
2004	8010, 8030 - Diesel	30H	420		8C-3627 430-5996
1985-82	8010, 8030 - Diesel	30H	420	15	8C-3627 430-5996
1985-82	8030 - Diesel, Optional	31T	625	15	175-4370 8C-3628

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (4)	Replacement	
				Option 1	Option 2
2004	8050 - Diesel	30H	420		8C-3627 430-5996
1985-82	8050 - Diesel, Optional	31T	625	15	175-4370 8C-3628
1985-82	8050, 8070 - Diesel	30H	420	15	8C-3627 430-5996
1985-82	8070 - Diesel, Optional	31T	625	15	175-4370 8C-3628
1976	840B	30H	580	15, 215	8C-3627 430-5996
1984-81	840C	30H	580	15	8C-3627 430-5996
1981-77	8550 - Diesel	30H	580	173	8C-3627 430-5996
2004-02	9150, D21	30H	420		8C-3627 430-5996
1976	940	30H	580	15	8C-3627 430-5996
1962-37	B, CA, D10, D12, D14	1	465		8C-3617 -
1968-63	D10, D12	22F	235		3T-5859 369-9958
1968-63	D15 - Diesel, Rear	29NF	340		- -
1968-60	D15 - Front	24	340		153-5656 3T-5857
1968-57	D17 - Diesel	2	570		8C-3629 8C-3617
1968-57	D17 - Gas	24	410	15	153-5656 3T-5857
1964-63	D19 - Gas	24	340		153-5656 3T-5857
1964-62	D19 - Diesel	2	610	15	8C-3629 8C-3617
1962	D19 - Gas	1	465		8C-3617 -
1969-63	D21	30H	420	179	8C-3627 430-5996
1962-37	G, IB	1	465	15	8C-3617 -
1967-64	I-40, I-400	22F	235		3T-5859 369-9958
1966-65	I-60 - Front	24	340		153-5656 3T-5857
1966-65	I-60 - Diesel, Rear	29NF	340		- -
1967-66	I-600 - Front	24	340		153-5656 3T-5857
1967-66	I-600 - Diesel, Rear	29NF	340		- -
1957-47	WD, WD-45	1	465	147	8C-3617 -

AQUARIUS SYSTEMS					
Harvesters					
2017-07	EH-120, HM-420	24	500		153-5656 3T-5857
2017-03	H-620	24	500		153-5656 3T-5857
2017-98	H-820	24	500		153-5656 3T-5857

BEI					
2017-06	Harvester Series	31T	950		354-3613 100-4081

BLACKWELDER MFG. CO.					
Tomato Harvester					
1976-75	12-Volt - Diesel	12T	460	156	8C-3600 3T-5857
1976-75	6-Volt - Diesel	2	570	156	8C-3629 8C-3617

BUFFALO TURBINE					
Sprayers					
2017-98	Buffalo Sprayer	U1	300		- -

CALIFORNIA TOMATO MACHINERY					
Tomato Harvester					
2017-08	Commander	8D	1150		153-5720 628-8824

<sup>5</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

<sup>6</sup> See page 413 for further description.



# Farm Equipment

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (8)	Replacement	
				Option 1	Option 2
2014-03 Johnson	8D	1150		153-5720	628-8824
2014-04 Star NTD	8D	1150		153-5720	628-8824
<b>CAMECO</b>					
<b>Self Propelled Sprayers</b>					
2011-98 4700	27	650	15	153-5656	8C-3601
2011-99 6700- 410 or 420 gal	31T	750	15	3T-5760	8C-3628
2011-99 6700S	31T	925		354-3613	100-4081
<b>Wheel Tractors</b>					
2006-00 110-T, 220T- 4WD	31T	925	15	354-3613	100-4081
2006-87 345-B- 4WD	31T	925	15	354-3613	100-4081
<b>CASE NEW HOLLAND</b>					
2011-08 Farmall 31 Compact	51	450		—	—
2011-08 Farmall 35 Compact	51	450		—	—
2011-08 Farmall 40 Compact	47	600		430-6000	—
2011-08 Farmall 45 Compact	47	600		430-6000	—
2011-08 Farmall 50 Compact	47	600		430-6000	—
2011-08 Farmall 55 Compact	27	700		8C-3601	127-0826
2011-08 Farmall 60 Compact	27	700		8C-3601	127-0826
<b>Baler</b>					
2007-03 BW28, BW38	31T	950		354-3613	100-4081
2017-07 H9870, H9880	31T	950		354-3613	100-4081
<b>Combines</b>					
2017-12 CR6090, CR7090	31T	950	15	354-3613	100-4081
2017-12 CR8080	31T	950	15	354-3613	100-4081
2014-12 CR8090	31T	950	15	354-3613	100-4081
2011-06 CR9040, CR9060	31T	950	15	354-3613	100-4081
2011-10 CR9065	31T	950	15	354-3613	100-4081
2011-06 CR9070	31T	950	15	354-3613	100-4081
2011-08 CR9080	31T	950	15	354-3613	100-4081
2017-09 CR9090	31T	950	15	354-3613	100-4081
<b>Self Propelled Sprayers</b>					
2014-10 Guardian SP240F	31T	950	15	354-3613	100-4081
2014-10 Guardian SP240R	31T	950	15	354-3613	100-4081
2014-10 Guardian SP275F	31T	950	15	354-3613	100-4081
2014-10 Guardian SP275R	31T	950	15	354-3613	100-4081
2017-10 Guardian SP365F	31T	950	15	354-3613	100-4081
<b>Tractors</b>					
2014-08 5610- 2WD	4D	750		9X-9721	
2014-08 6610	4D	750		9X-9721	
2014-08 6610- 2WD	4D	750		9X-9721	
2014-08 7610	4D	750		9X-9721	
2014-08 7610- 2WD	4D	750		9X-9721	
2011-08 Boomer 2030	51	450		—	—
2011-08 Boomer 2035	51	450		—	—
2011-08 Boomer 3040	47	600		430-6000	—

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (8)	Replacement	
				Option 1	Option 2
2011-08 Boomer 3045	47	600		430-6000	—
2011-08 Boomer 3050	47	600		430-6000	—
2011-08 Boomer 4055	47	600		430-6000	—
2011-08 Boomer 4060	47	600		430-6000	—
2011-09 Boomer 8N	47	600		430-6000	—
2009-08 T1010, T1030- 4WD	31T	325		175-4370	8C-3628
2009-08 T1110- 4WD	31T	325		175-4370	8C-3628
2009-07 T2310- 2WD	31T	420		175-4370	8C-3628
2009-07 T2320, T2330- 4WD	31T	420		175-4370	8C-3628
2009-07 T2410, T2420- 4WD	31T	420		175-4370	8C-3628
2014-11 T8.275, T8.300	31T	950		354-3613	100-4081
2014-11 T8.330, T8.360	31T	950		354-3613	100-4081
2014-11 T8.390	31T	950		354-3613	100-4081
2011-06 T8010, T8020- 4WD	31T	1000	15	175-4390	100-4081
2011-06 T8030, T8040- 4WD	31T	1000	15	175-4390	100-4081
2011-07 T8050, T9020- 4WD	31T	1000	15	175-4390	100-4081
2017-11 T9.390, T9.450- 4WD	4DLT	1000	15	153-5700 {30}	{30}
2017-11 T9.505, T9.560- 4WD	4DLT	1000	15	153-5700 {30}	{30}
2017-11 T9.615- 4WD	4DLT	1000	15	153-5700 {30}	{30}
2017-11 T9.670- 4WD	4DLT	1000	15	153-5700 {30}	{30}
2009-07 T9010- 4WD	31T	1000	15	175-4390	100-4081
2011-07 T9030, T9040- 4WD	31T	1000	15	175-4390	100-4081
2011-07 T9050, T9060- 4WD	31T	1000	15	175-4390	100-4081
2003-98 TC18- 2WD	45	420		—	—
2007-05 TC35A- 2WD	47	600		430-6000	—
2014-08 TS6000	31T	950		354-3613	100-4081
2014-08 TS6000- 2WD	31T	950		354-3613	100-4081
2014-08 TS6020	31T	950		354-3613	100-4081
2014-08 TS6020- 2WD	31T	950		354-3613	100-4081
2014-08 TS6030	31T	950		354-3613	100-4081
2016-05 TT75	31T	950		354-3613	100-4081
2017-08 TV6070 Bidirectional- 4WD	31T	950	15	354-3613	100-4081
<b>Windrowers</b>					
2014-07 H8040	31T	925		354-3613	100-4081
2014-07 H8040 Prairie Special	31T	925		354-3613	100-4081
2014-07 H8060	31T	650	15	175-4370	8C-3628
2013-07 H8080	31T	650	15	175-4370	8C-3628
2004-98 HW300, HW320	31T	700		3T-5760	8C-3628
2007-04 HW305, HW305S, HW325	31T	700		3T-5760	8C-3628
2004-98 HW340	31T	700	15	3T-5760	8C-3628

<sup>7</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

<sup>8</sup> See page 413 for further description.



# Farm Equipment

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement	
				Option 1	Option 2
2007-04 HW345	31T	700	15	3T-5760	8C-3628
2006-04 HW365	31T	700	15	3T-5760	8C-3628
2014-07 WD1203	31T	925		354-3613	100-4081
2014-07 WD1903, WD2303	31T	925	15	354-3613	100-4081
2006-04 WDX1002S, WDX1202S	31T	925		354-3613	100-4081
2004-01 WDX1101, WDX901	31T	925		354-3613	100-4081
2007-04 WDX1202	31T	925		354-3613	100-4081
2007 WDX1203	31T	925		354-3613	100-4081
2004-01 WDX1701	31T	925	15	354-3613	100-4081
2007-04 WDX1902, WDX2302	31T	925	15	354-3613	100-4081
2007 WDX1903, WDX2303	31T	925	15	354-3613	100-4081
<b>CASE, J.I. INTERNATIONAL HARVESTER</b>					
Additional equipment is listed in the Industrial, Road, Miscellaneous Equipment, and Lawn & Garden sections. The rating shown is based upon battery industry consensus.					
2011-07 MX215	31T	660		3T-5760	8C-3628
<b>Baler</b>					
1965-59 177	4	790		8C-3633	—
<b>Combines</b>					
1965-59 1000, 1010- Diesel	4	840	15	8C-3633	—
1965-59 1000, 1010, 800- Gas 27	390	325		153-5656	8C-3601
1964-63 110, A6, K2, M2, SP9	1	315		8C-3617	
1986-77 1420, 1440, 1460	24	520	15	153-5656	3T-5857
1986-77 1460 Rice	24	520	15	153-5656	3T-5857
1986-77 1470 Hillside, 1480	24	520	15	153-5656	3T-5857
1993-85 1620	31T	950	15	354-3613	100-4081
1994-85 1640, 1660, 1670	31T	950	15	354-3613	100-4081
1994-85 1680	31T	950	15	354-3613	100-4081
1991-85 1682 Pull	31T	625		175-4370	8C-3628
2000-95 2144, 2166, 2188	31T	950	15	354-3613	100-4081
2003-98 2344, 2366	31T	950	15	354-3613	100-4081
2007-04 2377	31T	950		354-3613	100-4081
2007-98 2388	31T	950	15	354-3613	100-4081
1965-61 600, 700, 900	24	235		153-5656	3T-5857
1965-59 800- Diesel	4	840		8C-3633	—
1964-63 98- Gas	24	290		153-5656	3T-5857
1964-63 98- Diesel	4D	810		9X-9721	
2008-06 AF 2577, AF 2588	31T	950	15	354-3613	100-4081
2011-08 AF 5088	31T	950	15	354-3613	100-4081
2013-11 AF 5130, AF 6130	31T	950	15	354-3613	100-4081
2012-08 AF 6088, AF 7088	31T	950	15	354-3613	100-4081
2008-06 AF 7010, AF 8010	31T	950	15	354-3613	100-4081
2012-08 AF 7120, AF 8120	31T	950	15	354-3613	100-4081
2013-11 AF 7130, AF 7230	31T	950	15	354-3613	100-4081

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement	
				Option 1	Option 2
2013-11 AF 8230, AF 9230	31T	950	15	354-3613	100-4081
2012-08 AF 9120	31T	950	15	354-3613	100-4081
2004 AFX 2366	31T	950	15	354-3613	100-4081
2005-04 AFX 2577, AFX 2588	31T	950	15	354-3613	100-4081
2008 AFX 2577, AFX 2588	31T	950		354-3613	100-4081
2008 AFX 7010	31T	950		354-3613	100-4081
2008 AFX 8010	31T	950	15	354-3613	100-4081
2006-02 AFX 8010	31T	950	15	354-3613	100-4081
1964-63 SP12, SP120, SP14	2	385		8C-3629	8C-3617
1964-63 SP150, SP58	2	385		8C-3629	8C-3617
<b>Cotton Harvesters</b>					
1986-81 1400	24	470	15	153-5656	3T-5857
<b>Cotton Picker</b>					
1993-85 1822, 1844, 2022	31T	700	15	3T-5760	8C-3628
1993-85 2044, 2055	31T	700	15	3T-5760	8C-3628
1997-95 2155	31T	700	15	3T-5760	8C-3628
2003-95 2555	31T	700	15	3T-5760	8C-3628
1986-81 782	24	470	15	153-5656	3T-5857
2008-06 CPX 420	31T	2X 700	15	3T-5760	8C-3628
2007-06 CPX 420, CPX 620	31T	660		3T-5760	8C-3628
2008-06 CPX 620	31T	2X 950	15	354-3613	100-4081
<b>Hay &amp; Forage Harvesters</b>					
1991-75 4000, 5000	31T	625		175-4370	8C-3628
<b>Self Propelled Sprayers</b>					
2011-99 FLX 3300B, FLX 3330B	31T	950	15	354-3613	100-4081
2011-99 FLX 4300, FLX 4330	31T	950	15	354-3613	100-4081
2011-99 FLX 4375	31T	950	15	354-3613	100-4081
2013-06 Patriot 3230	31T	950	15	354-3613	100-4081
2013-06 Patriot 3330	31T	950	15	354-3613	100-4081
2013-06 Patriot 4420	31T	950	15	354-3613	100-4081
2013-11 Patriot 4430	31T	950	15	354-3613	100-4081
<b>Skid Steer</b>					
2007-06 400 Series	31T	660		3T-5760	8C-3628
<b>Sprayers</b>					
2000-98 4260	31T	950	15	354-3613	100-4081
<b>Utility/Compact Tractor</b>					
2008-06 DX Series	31T	660		3T-5760	8C-3628
2002 DX Series	31T	950		354-3613	100-4081
2008-06 DX Series Compact- 4WD	31T	660		3T-5760	8C-3628
2008-06 DXE Series	31T	660		3T-5760	8C-3628
<b>Wheel Tractors</b>					
1964-55 100, 100HC, 130	1	600		8C-3617	

<sup>9</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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<sup>10</sup> See page 413 for further description.

# Farm Equipment

MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement		MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1969-62 1030	30H	570		8C-3627	430-5996	1986-72 2394	30H	570	15	8C-3627	430-5996
1979-74 1066, 1066HS, 966	4EH	810	15	8C-3632	—	1971 2394	30H	525	15	8C-3627	430-5996
1978-64 1070	30H	545	15	8C-3627	430-5996	1971-55 240, 240 Utility	1	550		8C-3617	—
1981-77 1086, 1486, 1586	24	470	15	153-5656	3T-5857	1964-62 2404, 2504	22NF	245		—	—
1978-76 1090	30H	570	15	8C-3627	430-5996	1993-87 245, 255, 265, 275	24	310		153-5656	3T-5857
1985-71 1175, 1194	30H	570	15	8C-3627	430-5996	1986-71 2470, 2590, 2594	30H	570	15	8C-3627	430-5996
1985-71 1190, 1290, 1490	30H	570		8C-3627	430-5996	1964-62 2504D, 2606- Diesel	2	620	15	8C-3629	8C-3617
1978-64 1200- 4X4	30H	545	15	8C-3627	430-5996	1991-84 2590	31T	625	15	175-4370	8C-3628
1977-66 1206, 1256, 1466	3EH	740	15	8C-3632	—	1980-78 2590	31T	580	15	175-4370	8C-3628
1986-71 1210, 1212, 1412	30H	570	177	8C-3627	430-5996	1964-62 2606- Gas & LPG	24	315		153-5656	3T-5857
1986-71 1270, 1294, 1370	30H	570	15	8C-3627	430-5996	1964-62 2606D, 2706, 2806	3EE	320		8C-3620	—
1965-59 12D, W-10D, W-9AD	30H	570		8C-3627	430-5996	1986-74 2670, 2870, 3294	30H	570	15	8C-3627	430-5996
1964-55 130HC, 140, 140HC	1	600		8C-3617	—	1964-63 2706D	2E	590	15	8C-3632 {30}	—
1985-80 1390	30H	570		8C-3627	430-5996	1987-78 274, 284, 360B, 384	27	605		153-5656	8C-3601
1979 1390	30H	545		8C-3627	430-5996	1964-63 2806D	3EH	740	15	8C-3632	—
1978-71 1390	30H	570		8C-3627	430-5996	1961-55 300- Gas	1	550	15	8C-3617	—
1986-71 1394, 2294, 2296	30H	570	15	8C-3627	430-5996	1959-55 300 Utility, 300B	1	550	15	8C-3617	—
1976-65 140, 140HC	20H	235		8C-3600	250-0488 {32}	1961-55 300, 300HC- LPG	27	370		153-5656	8C-3601
1986-71 1410	30H	545	177	8C-3627	430-5996	1959-55 301B, 310B	1	550	15	8C-3617	—
1977-66 1468	3EH	740	15	8C-3632	—	1985-84 3088, 3288, 3488	28	500	15	—	—
1986-69 1470 4x4	30H	545	15	8C-3627	430-5996	1984-80 3088, 3288, 3488	24	520	15	153-5656	3T-5857
1986-69 1494, 1570, 1594	30H	570	15	8C-3627	430-5996	1961-58 311B	24	300		153-5656	3T-5857
1976-75 1568	3EH	830	15	8C-3632	—	1961-59 320- Diesel, Gas	24	300		153-5656	3T-5857
1985-71 1690	30H	570		8C-3627	430-5996	1958 320- Diesel	24	300		153-5656	3T-5857
1993-75 184, 185	22NF	245		—	—	1961-58 320, 320B- Diesel	1	550		8C-3617	—
1991-78 1896, 2096	31T	650	15	175-4370	8C-3628	1961-58 320G, 340 Series	1	550		8C-3617	—
1971-55 200, 210B, 211B, 230	1	550		8C-3617	—	1959-55 330 Utility	1	550	15	8C-3617	—
1959-52 200B, Super WD-6	2	525	15	8C-3629	8C-3617	1981-77 3388, 3588, 3788	31T	625	15	175-4370	8C-3628
1986-84 2090	30H	545	15	8C-3627	430-5996	1986-74 3394, 3594	30H	570	15	8C-3627	430-5996
1983-80 2090	30H	570	15	8C-3627	430-5996	1971-55 340	1	550		8C-3617	—
1979-69 2090	30H	545	15	8C-3627	430-5996	1961-55 340D, 340D Utility	27	370		153-5656	8C-3601
1991-81 2090, 2290, 2390	31T	625	15	175-4370	8C-3628	1964-62 3414	3EE	320		8C-3620	—
1980-78 2090, 2290, 2390	31T	580	15	175-4370	8C-3628	1962 3414D	3ET	415		8C-3620 {27}	—
1986-69 2094	30H	570	15	8C-3627	430-5996	1957 350 Series all models	24	370		153-5656	3T-5857
1993-87 2120, 2130, 2140	48	440		430-5993	430-6001	1977-76 364	30H	455		8C-3627	430-5996
1993-87 2150	48	440		430-5993	430-6001	1985-84 3688, 5088, 5288	28	500	15	—	—
2000 2155	31T	700	15	3T-5760	8C-3628	1984-80 3688, 5088, 5288	24	520	15	153-5656	3T-5857
1979 2290	30H	545	15	8C-3627	430-5996	1987-85 380B	27	650		153-5656	8C-3601
1978 2290	31T	625	15	175-4370	8C-3628	1993-86 385, 395, 485, 495	30H	650		8C-3627	430-5996
1977-69 2290	30H	545	15	8C-3627	430-5996	1957-55 400- Gas	1	600		8C-3617	—
1986-80 2290, 2390	30H	570	15	8C-3627	430-5996	1957-55 400- Diesel	4	645	15	8C-3633	—
1986-82 234, 244, 254	24	600		153-5656	3T-5857	1956-55 400HC, Farmall 400	3	600		8C-3629	8C-3617
1993-75 235	22NF	380		—	—	1968-62 404	22NF	245		—	—
1979-71 2390	30H	525	15	8C-3627	430-5996						

11 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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12 See page 413 for further description.

# Farm Equipment

MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement		MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1957-55 410, 411, 412, 413	4	645		8C-3633	—	1977-58 574 H.S.	2	650	15	8C-3629	8C-3617
1981-67 4100, 4156, 4166	4EH	810	15	8C-3632	—	1986-79 584, Hydro 84	27	605		153-5656	8C-3601
1962-55 410B, 411B, 420	24	300		153-5656	3T-5857	1959-56 600, 610, 620	7D	875	15	8C-3633	—
1957-55 414, 425	4	645		8C-3633	—	1968-58 600B, 606, 606LPG	24	300		153-5656	3T-5857
1981-67 4186	4EH	880	15	8C-3632	—	1968-58 610B, 611B, 614B	24	300		153-5656	3T-5857
1962-55 420B, 420BD, 420C	24	300		153-5656	3T-5857	1964-60 630, 630C, 631, 631C	1	440		8C-3617	—
1968-66 424, 444- Gas	22NF	245		—	—	1964-60 632, 632C, 634, 634C	1	440		8C-3617	—
1968-66 424, 444- Diesel	30H	390		8C-3627	430-5996	1984-80 6366, 6586, 6786	31T	625	15	175-4370	8C-3628
1986-57 425, 484	27	605		153-5656	8C-3601	1964-60 640, 640C, 641, 641C	24	290		153-5656	3T-5857
1969-60 430, 431	1	440		8C-3617	—	1964-60 642, 642C	24	290		153-5656	3T-5857
1969-62 430, 530	1	460	15	8C-3617	—	1961-57 650- Gas	27	370		153-5656	8C-3601
1981-67 4366	4EH	810	15	8C-3632	—	1961-57 650- LPG	27	370		153-5656	8C-3601
1981-77 4386	31T	625	15	175-4370	8C-3628	1961-57 650D	3	580	15	8C-3629	8C-3617
1969-60 440, 441, 540	24	290		153-5656	3T-5857	1968-66 656- Gas	24	290		153-5656	3T-5857
1986-79 4490, 4494, 4690	30H	570	15	8C-3627	430-5996	1968-59 656- Diesel	3	580		8C-3629	8C-3617
1957 450 Models Exc International W-450	27	370		153-5656	8C-3601	1962-59 660	24	315		153-5656	3T-5857
1977-62 454, 464, 504	22NF	245		—	—	1968-59 660D	3	580		8C-3629	8C-3617
1981-74 4568, 4586, 4786	31T	625	181	175-4370	8C-3628	1979-66 666	24	470		153-5656	3T-5857
1962-58 460	24	315		153-5656	3T-5857	1977-66 666 H.S.	2	650		8C-3629	8C-3617
1962-58 460 Utility- Gas & LPG	24	315		153-5656	3T-5857	1977-76 674	22NF	245		—	—
1962-58 460D, 460D Utility	1	440		8C-3617	—	1986-69 684, 770, 784	27	605		153-5656	8C-3601
1962-58 460DHC	1	440		8C-3617	—	1993-86 685	30H	625		8C-3627	430-5996
1962-58 460HC- Gas & LPG	24	315		153-5656	3T-5857	1979-77 686	2	650	15	8C-3629	8C-3617
1977-76 464	2	650	15	8C-3629	8C-3617	1979-66 686	24	470	15	153-5656	3T-5857
1986-79 4694, 4890	30H	570	15	8C-3627	430-5996	1993-90 695, 795	30H	650		8C-3627	430-5996
1986-84 4894, 4994	30H	570	15	8C-3627	430-5996	1989-86 695, 795	30H	625		8C-3627	430-5996
1960-53 500, 520	7D	875		8C-3633	—	1965-57 700, 701, 702, 703	4	645		8C-3633	—
1959-58 500B, 510B, 511B	24	300		153-5656	3T-5857	1965-57 705, 730, 730C, 731	4	645		8C-3633	—
1968-62 504D	30H	390		8C-3627	430-5996	1968-63 706, 806	3EE	320		8C-3620	—
1977-62 504LPG, 574	22NF	245		—	—	1974-63 706D, 756	2E	590		8C-3632 {30}	—
2000-89 5120, 5130, 5140	30H	685	15	430-5996	—	1959-57 710, 711, 712, 713	27	390		153-5656	8C-3601
2000-89 5220, 5230, 5240	30H	685	15	430-5996	—	1993-87 7110, 7120, 7130	31T	950	15	354-3613	100-4081
2000-89 5250	30H	685	15	430-5996	—	1993-87 7140, 7150	31T	950	15	354-3613	100-4081
1965-60 530, 530C	1	290		8C-3617	—	1959-57 715	27	390		153-5656	8C-3601
1965-60 530SL- Diesel	1	290		8C-3617	—	1969-62 730, 730C, 830, 930C	4	645	15	8C-3633	—
1965-60 530SL- Gas	24	290		153-5656	3T-5857	1965-57 731C, 732, 732C, 733	4	645		8C-3633	—
1965-60 531, 531C	1	290		8C-3617	—	1965-57 733C	4	645		8C-3633	—
1965-62 540C, 541, 541C	24	290		153-5656	3T-5857	1984-80 7386	31T	625	15	175-4370	8C-3628
1962-59 544B, 644C	29NF	300		—	—	1985-80 7388, 7588, 7788	31T	625	15	175-4370	8C-3628
1985-84 5488	28	500	15	—	—	1969-60 740, 740C, 840, 840C	27	370		153-5656	8C-3601
1984-80 5488	24	520	15	153-5656	3T-5857	1965-60 741, 741C, 742, 742C	27	370		153-5656	8C-3601
1962-58 560	24	315		153-5656	3T-5857	1965-60 743, 743C	27	370		153-5656	8C-3601
1977-58 560D, 606D	2	620		8C-3629	8C-3617	1979-63 766, 806D	3EH	810		8C-3632	—
1962-58 560HC- Gas & LPG	24	315		153-5656	3T-5857	1993-91 785	30H	625		8C-3627	430-5996

**13 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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14 See page 413 for further description.

# Farm Equipment

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement		MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1990-86 785	30H	650		8C-3627	430-5996	1961-60 B414	24	290		153-5656	3T-5857
1981-80 786	2	650	15	8C-3629	8C-3617	2002-97 C100, C90, CX100- 2WD	31T	660		3T-5760	8C-3628
1958-57 800	4	645	15	8C-3633	—	2000-98 C101	31T	660		3T-5760	8C-3628
1959-57 801, 802, 803, 805	4	645	15	8C-3633	—	2002-97 C50, C60, C70- 2WD 31T	660	245	17	3T-5760	8C-3628
1959-57 810, 811, 812, 813	27	370		153-5656	8C-3601	2002-97 C80, CX50, CX60 - 2WD	31T	660	17	3T-5760	8C-3628
1965-60 830, 830C, 831, 831C	4	645		8C-3633	—	2002-97 CX70, CX80- 2WD	31T	660	17	3T-5760	8C-3628
1965-60 832, 832C, 833, 833C	4	645		8C-3633	—	2002-97 CX90- 2WD	31T	660		3T-5760	8C-3628
1969-60 841, 841C, 842, 842C	27	370		153-5656	8C-3601	1968-62 Cub Cadet	U1	160		8C-3636	—
1969-60 843, 843C	27	370		153-5656	8C-3601	1968-65 Cub, Cub Lo-Boy	20H	250		8C-3600	250-0488 (32)
1968-67 856- Gas & LPG	3EE	320		8C-3620	—	1964-47 Cub, Cub Lo-Boy	1	550		8C-3617	—
1968-67 856- Diesel	4EH	850	15	8C-3632	—	1955-41 D, DC, DI, DO, DS	2	525	15	8C-3629	8C-3617
1976-69 870	30H	545	15	8C-3627	430-5996	2008-03 D35, D40, D45- 2WD 31T	660	570		3T-5760	8C-3628
1983-80 884	27	480		153-5656	8C-3601	1955-41 DV, ID-6	2	525	15	8C-3629	8C-3617
1993-72 885, 895, 985	30H	650		8C-3627	430-5996	2008-06 DX18E, DX22E- 4WD	31T	660		3T-5760	8C-3628
1981-77 886, 986	24	470	15	153-5656	3T-5857	2005-03 DX21, DX24, DX29- 4WD	31T	660		3T-5760	8C-3628
1961-57 900- incl. Draftomatic	7D	875	15	8C-3633	—	2006-05 DX23E- 4WD	31T	660		3T-5760	8C-3628
1962-57 910- incl. Draftomatic	4	645	15	8C-3633	—	2008-06 DX25E, DX34- 4WD	31T	660		3T-5760	8C-3628
1993-87 9110, 9130- 2WD	31T	625	15	175-4370	8C-3628	2007-05 DX26- 4WD	31T	660		3T-5760	8C-3628
1990-87 9150, 9170, 9180	31T	625	15	175-4370	8C-3628	2008-05 DX31- 4WD	31T	660		3T-5760	8C-3628
1962-57 920- incl. Draftomatic	7D	875	15	8C-3633	—	2005-03 DX33- 4WD	31T	660		3T-5760	8C-3628
1995-94 9210	31T	625	15,31	175-4370	8C-3628	2007-03 DX35- 2WD	31T	660		3T-5760	8C-3628
1993-90 9210	31T	625	181	175-4370	8C-3628	2007-03 DX35- 4WD	31T	660		3T-5760	8C-3628
1989-87 9210	31T	625	15,31	175-4370	8C-3628	2008-03 DX40, DX45, DX55- 2WD	31T	660		3T-5760	8C-3628
1995-86 9230, 9240	31T	625	181	175-4370	8C-3628	2006-03 DX48- 2WD	31T	660		3T-5760	8C-3628
1995-84 9250	31T	625	181	175-4370	8C-3628	2008-07 DX60	31T	660		3T-5760	8C-3628
1993-84 9260	31T	625	181	175-4370	8C-3628	2008-06 DXE Series Sub-Compact	31T	660		3T-5760	8C-3628
1993-81 9270	31T	625	181	175-4370	8C-3628	1976 Hydro 100	4EH	880	15	8C-3632	—
1995-81 9280	31T	625	181	175-4370	8C-3628	1975 Hydro 100	4EH	880	15	8C-3632	—
1969-57 930- incl. Draftomatic	7D	875	15	8C-3633	—	1981-77 Hydro 186	24	470		153-5656	3T-5857
2000-97 9310	31T	660		3T-5760	8C-3628	1980-75 Hydro 70	24	470		153-5656	3T-5857
1996-95 9310	31T	660	15,58	3T-5760	8C-3628	1976-75 Hydro 70- Optional	2	600		8C-3629	8C-3617
2000-95 9330, 9350, 9370	31T	660	15,58	3T-5760	8C-3628	1980-78 Hydro 86- Optional	2	600	15	8C-3629	8C-3617
2000-95 9380	31T	660	15,58	3T-5760	8C-3628	1977 Hydro 86	24	470		153-5656	3T-5857
1969-57 940- incl. Draftomatic	4	645	15	8C-3633	—	1976-75 Hydro 86- Optional	2	600	15	8C-3629	8C-3617
1979-74 966HS	4EH	810	15	8C-3632	—	1975 Hydro 86	24	470		153-5656	3T-5857
1978-69 970- Diesel	30H	570	15	8C-3627	430-5996	1954-41 I-4, I-A	1	550		8C-3617	—
1971-69 970 Spark Ignition	27	370		153-5656	8C-3601	1953-41 I-6	3	600		8C-3629	8C-3617
1993-72 990, 995, 996	30H	625		8C-3627	430-5996	1955-41 I-9, LA, LAH, LAI	4	645		8C-3633	—
1954-47 A, A-1, AV, AV-1, HV	1	550		8C-3617	—	1956 International 600	27	370		153-5656	8C-3601
1969 B414	24	290		153-5656	3T-5857	1956 International 600D	3	600	15	8C-3629	8C-3617
1968-62 B414- Diesel	1	440		8C-3617	—						
1968-62 B414- Gas	24	290		153-5656	3T-5857						

11 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

*Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.*

12 See page 413 for further description.

# Farm Equipment

MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement		MAKE <sup>(17)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1957 International W-450	3	600		8C-3629	8C-3617	2005-02 MX285- 4WD	31T	660		3T-5760	8C-3628
2004-03 JX 1080U, JX 1090U 31T	950	650		354-3613	100-4081	2000-98 MX80, MX90	31T	770		354-3613	100-4081
2004-03 JX 110U	31T	950		354-3613	100-4081	2005-02 MXM 120, MXM 130-2WD	31T	660		3T-5760	8C-3628
2008-02 JX Series	31T	800		354-3613	100-4081	2010-08 MXM 140 MFD	31T	660		3T-5760	8C-3628
2010-08 JX80	31T	950		354-3613	100-4081	2014-02 MXM 140, MXM 155-2WD	31T	660		3T-5760	8C-3628
2010-08 JX80 MFD, JX95 MFD	31T	950		354-3613	100-4081	2010-08 MXM 155 MFD	31T	660		3T-5760	8C-3628
2014-08 JX95- 2WD	31T	950		354-3613	100-4081	2005-02 MXM 140, MXM 155-2WD	31T	660		3T-5760	8C-3628
1954 M-TADV, Super M-TAD	27	370		153-5656	8C-3601	2007-02 MXM Series- 2WD	31T	660		3T-5760	8C-3628
1954 M-TAV, Super M-TA	3	600		8C-3629	8C-3617	2004-03 MXM175, STX 275	31T	660		3T-5760	8C-3628
1962-55 M420	24	300		153-5656	3T-5857	2012-09 Magnum 180	31T	660		3T-5760	8C-3628
2013 MAGNUM 180	3T	660		3T-5760	8C-3628	2012-09 Magnum 190	31T	660		3T-5760	8C-3628
2013 MAGNUM 190	3T	660		3T-5760	8C-3628	2012-09 Magnum 210	31T	660		3T-5760	8C-3628
2013 MAGNUM 210	3T	660		3T-5760	8C-3628	2011-06 Magnum 215	31T	660		3T-5760	8C-3628
2013 MAGNUM 225	3T	660		3T-5760	8C-3628	2012-09 Magnum 225	31T	660		3T-5760	8C-3628
1953 MDV, Super MD	27	370		153-5656	8C-3601	2013-11 Magnum 235	31T	660		3T-5760	8C-3628
1952 MDV, Super MD	2	525	15	8C-3629	8C-3617	2011-06 Magnum 245	31T	660		3T-5760	8C-3628
2006-04 MX	31T	660		3T-5760	8C-3628	2013-11 Magnum 260	31T	660		3T-5760	8C-3628
2004-03 MX 210, MX 230	31T	660		3T-5760	8C-3628	2011-06 Magnum 275	31T	660		3T-5760	8C-3628
2004-03 MX 255, MX 285	31T	660		3T-5760	8C-3628	2013 Magnum 280	31T	950		354-3613	100-4081
2007-06 MX Series	31T	660		3T-5760	8C-3628	2013-11 Magnum 290	31T	660		3T-5760	8C-3628
2003-02 MX Series	31T	660		3T-5760	8C-3628	2011-06 Magnum 305	31T	660		3T-5760	8C-3628
2002-97 MX100, MX100 Maxxum	31T	1000	17	175-4390	100-4081	2007 Magnum 305 Gold SP. ED.	31T	660		3T-5760	8C-3628
2002-97 MX110, MX110 Maxxum	31T	1000	15,17	175-4390	100-4081	2013 Magnum 310	31T	950		354-3613	100-4081
2002-97 MX120 Maxxum 4WD	31T	1000	161	175-4390	100-4081	2013-11 Magnum 315	31T	660		3T-5760	8C-3628
2002-97 MX120, MX130	31T	1000	17	175-4390	100-4081	2011-07 Magnum 335	31T	660		3T-5760	8C-3628
2002-98 MX135- 2WD	31T	1000	17	175-4390	100-4081	2013-11 Magnum 340	31T	660		3T-5760	8C-3628
2002-97 MX135 Maxxum	31T	1000	17	175-4390	100-4081		31T	950		354-3613	100-4081
2002-99 MX150, MX170, MX180	31T	1000	15,17	175-4390	100-4081	2013 Magnum 380	31T	950		354-3613	100-4081
2002-99 MX200	31T	1000	15,17	175-4390	100-4081	2008 Maxxum Series	31T	800		354-3613	100-4081
2005-02 MX210	31T	660		3T-5760	8C-3628	2008 Puma Series	31T	800		354-3613	100-4081
2014-08 MX215	31T	660		3T-5760	8C-3628	1964-41 S Series, Super W-4	1	550		8C-3617	—
2006 MX215	31T	660		3T-5760	8C-3628	2004-03 STX 375, STX325	31T	660		3T-5760	8C-3628
2010-08 MX215 MFD- 4WD	31T	660		3T-5760	8C-3628	2007-03 STX Series	31T	660		3T-5760	8C-3628
2002-99 MX220, MX240- 4WD	31T	660		3T-5760	8C-3628	2008 Steiger Series	31T	800		354-3613	100-4081
2005-02 MX230, MX255 - 4WD	31T	660		3T-5760	8C-3628	1954-47 Super C, Super H	1	550		8C-3617	—
2005-02 MX245, MX305 - 4WD	31T	660		3T-5760	8C-3628	1954-52 Super W-6, W-6TA	3	600		8C-3629	8C-3617
2002-99 MX270- 4WD	31T	660		3T-5760	8C-3628	1964-41 V Series, W-3D	1	550		8C-3617	—
2014-06 MX275	31T	660		3T-5760	8C-3628	1964-60 W-3D	1	440		8C-3617	—
2010-08 MX275 MFD- 4WD	31T	660		3T-5760	8C-3628	1965-59 W-3G, W-5AD, W-AG	24	315		153-5656	3T-5857
						1956-55 W-400- Gas	3	600		8C-3629	8C-3617
						1965-59 W-5D, W-5G	24	315		153-5656	3T-5857
						1954 W-6TAD	27	370		153-5656	8C-3601

**17 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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18 See page 413 for further description.



# Farm Equipment

MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement		MAKE <sup>(19)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1965-41 W-7D, W-9	4	645		8C-3633	—	2012-06 Terra-Gator 9203	31T	950	15	354-3613	100-4081
1965-59 W-7G, W-9AG, W9G	27	370		153-5656	8C-3601	2014-11 Terra-Gator TG7300	31T	950	15	354-3613	100-4081
1965-41 W-9AD (1964-63)	4	645		8C-3633	—	2014-11 Terra-Gator TG8300	31T	950	15	354-3613	100-4081
1965-59 W-9BD, W-9BG, W9D	30H	570		8C-3627	430-5996	2014-11 Terra-Gator TG8400	31T	950	15	354-3613	100-4081
1956-55 W400- Diesel, LPG	27	370		153-5656	8C-3601	2014-11 Terra-Gator TG9300	31T	950	181	354-3613	100-4081
1956-55 W400D- Diesel, LPG	27	370		153-5656	8C-3601	2013-11 Terra-GatorR TG8300	31T	950	15	354-3613	100-4081
1956-55 W400DHC- Diesel, LPG	27	370		153-5656	8C-3601	<b>Tracked Ag Tractors</b>					
1955-41 WD-9- Incl. Super models	3	600	15	8C-3629	8C-3617	2014-12 MT515D, MT535D	48	420	15	430-5993	430-6001
1955-41 WDR-9- Incl. Super models	3	600	15	8C-3629	8C-3617	2017-12 MT525D, MT545D	48	420	15	430-5993	430-6001
1965-41 WR-9, WR-9S	4	645		8C-3633	—	2017-12 MT555D, MT565D	48	420	15	430-5993	430-6001
<b>Windrowers</b>						2017-12 MT575D, MT585D	48	420	15	430-5993	430-6001
1965-58 1050, 820, 840, 850	1	315		8C-3617	—	2014-12 MT645D, MT655D	49	730	15	307-0751	—
1965-64 1150	24	235		153-5656	3T-5857	2017-12 MT665D, MT685D	49	730	15	307-0751	—
1999-87 8825	24F	600	15	3T-5858	250-0487	2014-12 MT675D	49	730	15	307-0751	—
2001-00 8825HP	24F	600	15	3T-5858	250-0487	2004-02 MT735, MT745, MT755	31T	950	15	354-3613	100-4081
1999-87 8830- Gas	24F	420		3T-5858	250-0487	2008-05 MT745B, MT755B	31T	950	15	354-3613	100-4081
1999-87 8830- Diesel	24F	600	15	3T-5858	250-0487	2012-08 MT755C, MT765C	31T	950	15	354-3613	100-4081
1999-87 8840	24F	600	15	3T-5858	250-0487	2014-13 MT755D, MT765D	49	730	15	307-0751	—
1999-90 8850	24F	600	15	3T-5858	250-0487	2004-02 MT765	31T	950	15	354-3613	100-4081
2001-99 8860, 8870, 8880	24T	500		—	—	2008-05 MT765B	31T	950	15	354-3613	100-4081
2000-98 8870, 8880	24	500		153-5656	3T-5857	2004-02 MT835, MT845, MT855	31T	950	173	354-3613	100-4081
1965-58 950	1	315		8C-3617	—	2008-05 MT835B, MT845B	31T	950	173	354-3613	100-4081
<b>CATERPILLAR</b>						2014-08 MT835C, MT845C	31T	950	173	354-3613	100-4081
See CATERPILLAR EQUIPMENT section.						2008-05 MT855B, MT865B	31T	950	173	354-3613	100-4081
<b>CHALLENGER</b>						2014-08 MT855C, MT865C	31T	950	173	354-3613	100-4081
<b>Combines</b>						2004-02 MT865	31T	950	173	354-3613	100-4081
2011-08 660B, 670B	31T	950	15	354-3613	100-4081	2008-05 MT875B	31T	950	173	354-3613	100-4081
2011-06 680B	31T	950	181	354-3613	100-4081	2014-08 MT875C	31T	950	173	354-3613	100-4081
<b>Self Propelled Sprayers</b>						<b>Challenger</b>					
2017-05 Rogator 1074	31T	700	15	3T-5760	8C-3628	2002-98 35, 45, 55	31T	750	15,162	3T-5760	8C-3628
2014-06 Rogator 1194	31T	950	15	354-3613	100-4081	2002-94 65	31T	700	162,181	3T-5760	8C-3628
2014-06 Rogator 1194H	31T	950	15	354-3613	100-4081	1994-87 65B	31T	750	15,162	3T-5760	8C-3628
2014-06 Rogator 1396	31T	950	15	354-3613	100-4081	1997-91 65C	31T	750	15,162	3T-5760	8C-3628
2014-06 Rogator 994	31T	950	15	354-3613	100-4081	1999-91 65D	31T	750	15,162	3T-5760	8C-3628
2014-06 Rogator 994H	31T	950	15	354-3613	100-4081	2000-98 65E, 75E	31T	950	15,162	354-3613	100-4081
2013-06 Spra-coupe 4460	31T	950	15	354-3613	100-4081	1996-94 70	31T	950	15,162	354-3613	100-4081
2014-06 Spra-coupe 4660	31T	950		354-3613	100-4081	1994-93 70C	31T	750	15,162	3T-5760	8C-3628
2014-06 Spra-coupe 7460	31T	950	15	354-3613	100-4081	2002-90 75	31T	700	15,173	3T-5760	8C-3628
2014-06 Spra-coupe 7660	31T	950	15	354-3613	100-4081						
2012-06 Terra-Gator 6303	31T	950	15	354-3613	100-4081						
2012-06 Terra-Gator 8204	31T	950	15	354-3613	100-4081						
2012-06 Terra-Gator 8303	31T	950	15	354-3613	100-4081						

19 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

20 See page 413 for further description.

# Farm Equipment

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
1999-91 75B	31T	700	162,173	3T-5760	8C-3628
1997-95 75C, 75D	31T	900	15,162	354-3613	100-4081
2002-93 85	31T	950	15,162	354-3613	100-4081
1994-93 85C	31T	950	15,162	354-3613	100-4081
2002-97 95	31T	950	15,162	354-3613	100-4081
2000-91 95D, 95E	31T	950	15,162	354-3613	100-4081
<b>Tractors</b>					
2008-06 MT945B, MT955B	31T	950	173	354-3613	100-4081
2014-08 MT945C, MT955C-4WD	31T	950	173	354-3613	100-4081
2008-06 MT965B, MT975B	31T	950	173	354-3613	100-4081
2014-08 MT965C, MT975C-4WD	31T	950	173	354-3613	100-4081
<b>Windrowers</b>					
2014-11 WR9740, WR9760	31T	950	15	354-3613	100-4081
2014-11 WR9770	31T	950	15	354-3613	100-4081
<b>Challenger</b>					
2003-02 SP11, SP16	31T	950	15	354-3613	100-4081
2008-04 SP115B	31T	950	15	354-3613	100-4081
2012-08 SP115C	31T	950	15	354-3613	100-4081
2008-04 SP185B	31T	950	2,15, 43,162	354-3613	100-4081
2011-08 SP185C	31T	950	15	354-3613	100-4081
2003-02 SP80	31T	950	2,15, 43,162	354-3613	100-4081
2006-04 SP85B	1	315	2,15, 43,162	354-3613	100-4081
<b>CO-OP COCKSHUTT</b>					
<b>Wheel Tractors</b>					
1962-58 540- All 6-Volt	1	450		8C-3617	—
1962-58 550, 560, 570- Diesel	4	800	15	8C-3633	—
1962-58 All- Gas	24	320		153-5656	3T-5857
1957-48 All- Gas	1	450		8C-3617	—
1957-48 All- Diesel	4	800	15	8C-3633	—
1962-58 All 12-Volt	24	320		153-5656	3T-5857
<b>COCKSHUTT</b>					
<b>Self Propelled Sprayers</b>					
525, 535, 542, 545	24	315		153-5656	3T-5857
1966 535, 545- Diesel	4H	790	15	—	—
1966 SP430	24	315		153-5656	3T-5857
SP431	24	315	15	153-5656	3T-5857

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement	
				Option 1	Option 2
<b>COE, INC.</b>					
<b>Harvesters</b>					
1961-58 Bin Carrier	31A	750		430-5996	127-0826 {29}
1961-58 L3 Receiver	31A	750		430-5996	127-0826 {29}
<b>COMPTON ENTERPRISES</b>					
<b>Shakers</b>					
1961-58 All	27	675		8C-3601	127-0826
<b>CLUB CADET</b>					
<b>Utility/Compact Tractor</b>					
2005 5234 D, 5252	26R	500		369-9958	250-0489 {32}
<b>DW SPRAYERS CO.</b>					
<b>Sprayers</b>					
1987-80 2320, 2330, 2360	24	420		153-5656	3T-5857
AF500C3, AF500T	24	450	147	153-5656	3T-5857
AF500E	70	500		7X-6100 {32}	250-0489 {32}
<b>EDWARDS EQUIPMENT CO.</b>					
<b>Dyna-Scat</b>					
1994-86 SP6900- Diesel	24	550		153-5656	3T-5857
1980-78 SP6900	24	300		153-5656	3T-5857
<b>Dyna-Soar</b>					
1994-76 DS4100	24	205		153-5656	3T-5857
<b>FIAT TRACTORS/FIATAGRI</b>					
<b>See also HESSTON CORPORATION</b>					
<b>Tractors</b>					
1994-85 100-94DT	4DLT	820		153-5700 {30}	8C-3622
2004-02 115-80, 1380, 640	4DLT	820		153-5700 {30}	8C-3622
1994-85 140-90DTPS	4D	935		9X-9721	
1994-85 160-90DTPS	4D	935		9X-9721	
1994-85 160-92DTPS, 160-92PS	4D	935		9X-9721	
1994-85 180-94DTPS	4D	935		9X-9721	
1994-85 45-66DT, 45-66DTS	30H	625		8C-3627	430-5996
1994-85 45-66S, 55-56DT	30H	625		8C-3627	430-5996
2002 480/D	4DLT	820		153-5700 {30}	8C-3622
1994-85 55-76DTF, 55-76F	30H	625		8C-3627	430-5996
1994-85 55-86DTF, 55-86F, 6	30H	625		8C-3627	430-5996
1994-85 60-66DT, 60-66DTS	30H	625		8C-3627	430-5996
1994-85 60-66S	30H	625		8C-3627	430-5996
1991-89 60-75V, 60-76DTF	30H	625		8C-3627	430-5996
1994-91 60-85V, 62-86DTF	30H	625		8C-3627	430-5996

21 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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22 See page 413 for further description.



# Farm Equipment

MAKE <sup>(23)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement	
				Option 1	Option 2
1994-91 62-86F	30H	625		8C-3627	430-5996
1994-80 65-56DT, 70-66DT	4DLT	820		153-5700 {30}	8C-3622
1985-83 665C	30H	625		8C-3627	430-5996
1994-80 70-66DTHC	4DLT	820		153-5700 {30}	8C-3622
1994-80 70-66DTHCS, 70-66DTS	4DLT	820		153-5700 {30}	8C-3622
1994-80 70-66HC, 70-66HCS	4DLT	820		153-5700 {30}	8C-3622
1994-80 70-66S, 72-86DTF	4DLT	820		153-5700 {30}	8C-3622
1991-89 70-75C, 70-75M	4DLT	720		153-5700 {30}	8C-3622
1994-91 72-85C, 72-85M	4DLT	820		153-5700 {30}	8C-3622
1994-80 72-86F, 766	4DLT	820		153-5700 {30}	8C-3622
1985-80 780	4DLT	820		153-5700 {30}	8C-3622
1993-85 80-66DT, 80-90DT	4DLT	820		153-5700 {30}	8C-3622
1993-86 80-66DTHC, 80-66HC	4DLT	820		153-5700 {30}	8C-3622
1994-93 80-66DTHCS, 80-66DTS	4DLT	820		153-5700 {30}	8C-3622
1994-93 80-66HCS, 80-66S	4DLT	820		153-5700 {30}	8C-3622
1991-89 80-75C	4DLT	820		153-5700 {30}	8C-3622
1994-91 82-85C, 82-86DTF	4DLT	820		153-5700 {30}	8C-3622
1994-91 82-86F	4DLT	820		153-5700 {30}	8C-3622
1994-93 82-94, 82-94DT	4DLT	820		153-5700 {30}	8C-3622
2004-02 880-5	4DLT	820		153-5700 {30}	8C-3622
1994-90 F110, F110DT, F130	4D	935		9X-9721	
1994-90 F130DT	4D	935		9X-9721	
<b>FLORY CORPORATION</b>					
<b>Harvesters</b>					
2004 480, 7480	27	675		8C-3601	127-0826
<b>Sweepers</b>					
2004 6670, 7070, 7670	27	675		8C-3601	127-0826
2004 8070, 8670	27	675		8C-3601	127-0826
<b>FMC</b>					
<b>Harvesters</b>					
2004 5750TE (tomato)	30H	600	15	8C-3627	430-5996
2004 9070FBS (cucumber)	31A	925		430-5996	—

MAKE <sup>(23)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement	
				Option 1	Option 2
<b>FORD NEW HOLLAND</b>					
<b>Formerly FORD, NEW HOLLAND &amp; SPERRY NEW HOLLAND</b>					
<b>See also VERSATILE FARM EQUIPMENT</b>					
<b>Additional equipment is listed in the Industrial, Road, and Miscellaneous Equipment section.</b>					
<b>Automatic Bale Wagon</b>					
1977-75 1048, 1049, 1065	24	370		153-5656	3T-5857
1988-80 1068, 1069 - Diesel	24	370	15	153-5656	3T-5857
1983-78 1068, 1069, 1075 - Gas	24	370	15	153-5656	430-6001
1979-78 1068, 1069, 1075	24	370		153-5656	3T-5857
1988-80 1075 - Diesel	24	370	15	153-5656	3T-5857
1994-89 1078, 1079, 1085	31T	925		354-3613	100-4081
1989-81 1078, 1079, 1085	24	370	15	153-5656	3T-5857
1989-81 8500	24	370	15	153-5656	3T-5857
<b>Combines</b>					
1993-85 TR86, TR96	31T	625	15	175-4370	8C-3628
<b>Forage Harvesters</b>					
1993-80 1900, 1915	30H	630	179	8C-3627	430-5996
1993-80 2100	30H	630	173	8C-3627	430-5996
1993-80 2115	30H	630	15	8C-3627	430-5996
<b>Leaf Loader</b>					
1993-88 710	31T	625		175-4370	8C-3628
<b>Square Balers</b>					
1986-83 426	24	375		153-5656	3T-5857
1993-83 505	30H	460		8C-3627	430-5996
<b>Wheel Tractors</b>					
1997-73 1000, 1100, 1110	24	370		153-5656	3T-5857
1987-86 1100	27F	450		8C-3602	3T-5858
1997-88 1120, 1220, 1320	24	420		153-5656	3T-5857
1997-73 1210	24	370		153-5656	3T-5857
1988-79 1300, 1310, 1500	27	400		153-5656	8C-3601
1987-73 1320, 1720	24	370		153-5656	3T-5857
1988-79 1510, 1700, 1710	27	400		153-5656	8C-3601
1997-73 1520	24	420		153-5656	3T-5857
1979-76 1600	27	440		153-5656	8C-3601
1997-88 1720	24	420		153-5656	3T-5857
1988-81 1900	29H	630	15	8C-3627	430-5996
1997-79 1900, 1910, 1920	30H	580		8C-3627	430-5996
1973-65 2000, 2110 - Diesel	4DLT	750		153-5700 {30}	8C-3622
1973-65 2000, 2110, 3000 - Gas	17TF	510		—	—
1997-79 2110, 2120	30H	580		8C-3627	430-5996
1994-81 2810, 2910, 3910	4DLT	750		153-5700 {30}	8C-3622
1973-65 3000, 4000 - Diesel	4DLT	750		153-5700 {30}	8C-3622

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24 See page 413 for further description.

# Farm Equipment

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement	
				Option 1	Option 2
2003-96 3010- 2WD	30H	600		8C-3627	430-5996
1997-89 3220, 3230, 3430	31T	800		354-3613	100-4081
1997-89 3930	31P	800		430-5996	—
1964-47 4-cyl.	1	440		8C-3617	
1973-65 4000, 4110- Gas	17TF	510		—	—
1973-65 4110- Diesel	4DLT	750		153-5700 {30}	8C-3622
1994-81 4110, 4610, 4610SU	4DLT	750		153-5700 {30}	8C-3622
1997-89 4630	31T	800		354-3613	100-4081
1994-63 5000, 5600, 6600	4DLT	750		153-5700 {30}	8C-3622
1996-63 5610, 6610, 7610	4DLT	750		153-5700 {30}	8C-3622
1996-92 5640, 6640, 7740	31T	800		354-3613	100-4081
1994-76 5700, 6700, 7700	4DLT	750		153-5700 {30}	8C-3622
1996-84 5900	4DLT	750		153-5700 {30}	8C-3622
1968-62 6000- Diesel	16TF	540		—	—
1968-61 6000- Gas & LPG	24F	500		3T-5858	250-0487
1999-87 8830- Diesel	24F	600		3T-5858	250-0487
1994-71 6710, 7000, 7710	4DLT	750		153-5700 {30}	8C-3622
1994-63 7600	4DLT	750		153-5700 {30}	8C-3622
2000-98 7610, 8010	30H	600		8C-3627	430-5996
1994-71 7810, 8210	4DLT	750		153-5700 {30}	8C-3622
1996-92 7840, 8240, 8340	31T	800		354-3613	100-4081
1973-68 8000, 9000- Diesel	4DLT	750		153-5700 {30}	8C-3622
1995 8160	49	850		307-0751	—
1994-87 846, 876, FW60	31T	625	179	175-4370	8C-3628
1979-75 8600, 8700, 9600	4DLT	750		153-5700 {30}	8C-3622
1994 8670, 8770, 8870	NA	1900	183	—	—
1994 8970	NA	1900	183	—	—
1994-77 9030	31T	625	15	175-4370	8C-3628
1994 9280, 9480	31T	625	181	175-4370	8C-3628
1994-87 946, 976, FW20,FW30	31T	625	173	175-4370	8C-3628
2000-96 9482	31T	750	181	3T-5760	8C-3628
1994 9680, 9880	31T	950	181	354-3613	100-4081
1979-75 9700	4DLT	750		153-5700 {30}	8C-3622
2000-98 9782	31T	750	181	3T-5760	8C-3628
1964-54 Diesel Exc Fordson	16TF	540		—	—
1986-77 FW20, FW30, FW40	31T	475	173	175-4370	8C-3628
1994-87 FW40	31T	625	173	175-4370	8C-3628

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement	
				Option 1	Option 2
1986-77 FW60	31T	475	173	175-4370	8C-3628
1964-57 Fordson Dextra	12T	525		8C-3600	3T-5857
1994-88 LGT14D	60	345		3T-5857 {29}	3T-5858 {29}
TN Series	49	730		307-0751	—
2000-98 TS100	31T	800		354-3613	100-4081
1994-79 TW10, TW15, TW20	4DLT	750		153-5700 {30}	8C-3622
1994-79 TW25, TW30, TW35	4DLT	750		153-5700 {30}	8C-3622
1994-79 TW5	4DLT	750		153-5700 {30}	8C-3622
<b>Windrowers</b>					
1987-76 1100, 1116	27F	450		8C-3602	3T-5858
1993-87 1118, 1499	31T	625		175-4370	8C-3628
2000-98 HW300, HW320, HW340	31T	625		354-3613	100-4081
2000-98 TS100	31T	800		354-3613	100-4081
<b>FWD-WAGNER</b>					
<b>RAYGO-WAGNER</b>					
<b>Wheel Tractors</b>					
1968-59 WA-14	4D	800	15	9X-9721	
1968-59 WA-17	8D	950	147	153-5720	628-8824
1968-59 WA-17 (thru 1965)	4D	800	15	9X-9721	
1968-59 WA-4A thru WA-9	8D	950	147	153-5720	628-8824
1968-59 WI-14, WI-17, WI-24 4D	800	950	15	9X-9721	
	8D	950	147	153-5720	628-8824
1968-59 WI-9	8D	950	147	153-5720	628-8824
<b>GEHL BROS.</b>					
<b>Self-Propelled Forage Harvesters</b>					
1967-64 After S.N. 1238	8D	900		153-5720	628-8824
1967 All models	8D	900		153-5720	628-8824
1967-64 Oliver	2E	525	15	8C-3632 {30}	—
1967-64 SP-83- Cont engine 3EE	315	750		8C-3620	—
1967-64 SP-84- Cont engine 3EE	315	700		8C-3620	—
1966-65 Waukesha	3EE	315		8C-3620	—
<b>GLEANER</b>					
2008-06 A65, A75	31T	950	15	354-3613	100-4081
2011-08 A66, A76, R66, R76	31T	950	15	354-3613	100-4081
2008-06 A85	31T	950	181	354-3613	100-4081
2011-08 A86	31T	950	181	354-3613	100-4081
2002-01 R42- S/N-48000	24	580	15	153-5656	3T-5857
2002-01 R42- S/N 48001-	31T	950	15	354-3613	100-4081
2002-01 R52- S/N-58000	24	580	15	153-5656	3T-5857
2002-01 R52- S/N 58001-	31T	950	15	354-3613	100-4081
2006-02 R55	31T	950	15	354-3613	100-4081

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26 See page 413 for further description.

# Farm Equipment

MAKE <sup>(27)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (28)	Replacement	
				Option 1	Option 2
2002-01 R62- S/N-68000	24	580	15	153-5656	3T-5857
2002-01 R62- S/N 68001-	31T	950	15	354-3613	100-4081
2008-02 R65, R75	31T	950	15	354-3613	100-4081
2002-01 R72- S/N-78000	24	580	15	153-5656	3T-5857
2002-01 R72- S/N 78001-	31T	950	15	354-3613	100-4081
2013-10 S67, S77	31T	950	181	354-3613	100-4081
<b>Combines</b>					
2008-06 A65, A75	31T	950	15	354-3613	100-4081
2011-08 A66, A76, R66, R76	31T	950	15	354-3613	100-4081
2008-06 A85	31T	950	181	354-3613	100-4081
2011-08 A86	31T	950	181	354-3613	100-4081
2014-10 GLS67, GLS77, S67	31T	950	181	354-3613	100-4081
2002-01 R42- S/N-48000	24	580	15	153-5656	3T-5857
2002-01 R42- S/N 48001-	31T	950	15	354-3613	100-4081
2002-01 R52- S/N-58000	24	580	15	153-5656	3T-5857
2002-01 R52- S/N 58001-	31T	950	15	354-3613	100-4081
2006-02 R55	31T	950	15	354-3613	100-4081
2002-01 R62- S/N-68000	24	580	15	153-5656	3T-5857
2002-01 R62- S/N 68001-	31T	950	15	354-3613	100-4081
2008-02 R65, R75	31T	950	15	354-3613	100-4081
2002-01 R72- S/N-78000	24	580	15	153-5656	3T-5857
2002-01 R72- S/N 78001-	31T	950	15	354-3613	100-4081
2017-10 S77	31T	950	181	354-3613	100-4081
<b>GRAVELY</b>					
<b>Tractors</b>					
2017-09 Professional- 2WD	U1	340		—	—
<b>GVM</b>					
<b>Self Propelled Sprayers</b>					
2014-08 Predator 6215	31T	850		354-3613	100-4081
2014-08 Predator 8275	31T	850		354-3613	100-4081
2014-08 Prowler 9275	31T	850		354-3613	100-4081
2014-11 Prowler E325	31T	850		354-3613	100-4081
2014-09 Prowler E350	31T	850		354-3613	100-4081
<b>HAGIE</b>					
<b>Harvesters</b>					
2017-06 204 Detasseler	31T	900		354-3613	100-4081
2017-06 204SP Detasseler	31T	900		354-3613	100-4081
<b>Self Propelled Sprayers</b>					
2017-08 DTS10, STS10, STS12	31T	900		354-3613	100-4081
2014-08 STS10T, STS16, STX10	31T	900		354-3613	100-4081
2017-08 STS14	31T	900		354-3613	100-4081
<b>HESTON CORPORATION</b>					
<b>Forage Harvesters</b>					
1990-77 7600, 7650, 7655	4D	935	15	9X-9721	

MAKE <sup>(27)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (28)	Replacement	
				Option 1	Option 2
<b>Wheel Tractors</b>					
2005-85 100-90		4DLT 820		153-5700 {30}	8C-3622
2000-99 100-90		4DLT 820	15	153-5700 {30}	8C-3622
1996 100-90		4DLT 820	15	153-5700 {30}	8C-3622
1985-80 1180, 1380, 1580		4D 935		9X-9721	
1983-79 120C, 605C		30H 625		8C-3627	430-5996
1990-85 130-90, 140-90		4D 935		9X-9721	
1990-85 160-90, 180-90		4D 935		9X-9721	
1985-80 1880		4D 935		9X-9721	
1993-80 45-66, 55-46, 55-66		30H 625		8C-3627	430-5996
1990-80 450, 466, 480, 580		30H 625		8C-3627	430-5996
1994-80 55-56		30H 625		8C-3627	430-5996
1989-80 566		30H 625		8C-3627	430-5996
1993-85 60-66, 60-90, 65-46		30H 625		8C-3627	430-5996
1989-86 60-66F		30H 625		8C-3627	430-5996
1990-80 640, 666, 680, 766		4DLT 820		153-5700 {30}	8C-3622
1993-85 65-46, 70-66, 80-66		4DLT 820		153-5700 {30}	8C-3622
1994-85 65-56, 70-90, 80-90		4DLT 820		153-5700 {30}	8C-3622
1990-83 655C		30H 625		8C-3627	430-5996
1990-84 70-65C		4DLT 820		153-5700 {30}	8C-3622
1991-86 70-66F, 80-66F		4DLT 820		153-5700 {30}	8C-3622
1990-80 780, 980		4DLT 820		153-5700 {30}	8C-3622
1994-80 880-5		4DLT 820		153-5700 {30}	8C-3622
1994-85 90-90		4DLT 820		153-5700 {30}	8C-3622
1990-84 95-55C		4DLT 820		153-5700 {30}	8C-3622
1984-83 955C		30H 625		8C-3627	430-5996
<b>Windrowers</b>					
1976 6200- Gas		24F 650		3T-5858	250-0487
1978-76 6400, 6600- Gas		24F 650		3T-5858	250-0487
1978-76 6400, 6600- Diesel		24F 650	15	3T-5858	250-0487
1984-79 6450		24F 650		3T-5858	250-0487
1990-85 6455		24F 650		3T-5858	250-0487
1984-80 6550, 6650- Gas		24F 650		3T-5858	250-0487
1984-80 6550, 6650- Diesel		24F 650	15	3T-5858	250-0487
1990-85 6555, 6655- Gas		24F 650		3T-5858	250-0487
1990-85 6555, 6655- Diesel		24F 650	15	3T-5858	250-0487

27 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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28 See page 413 for further description.

# Farm Equipment

MAKE <sup>(29)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (30)	Replacement		MAKE <sup>(29)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (30)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1979-78 6610 - Gas	24F	650		3T-5858	250-0487	1979-75 6600 Sidehill-Diesel	3ET	430	15	—	—
1979-78 6610 - Diesel	24F	650	15	3T-5858	250-0487	1979-75 6602 - Diesel	3ET	460	15	—	—
1990-86 8200	24F	650	15	3T-5858	250-0487	1988-79 6620	24	500	15	153-5656	3T-5857
1997-87 8400, 8500	24F	650		3T-5858	250-0487	1991-79 6620 Sidehill	24	500	15	153-5656	3T-5857
2004-97 8450	24T	500		—	—	1991-79 6622 Sidehill	24	500	15	153-5656	3T-5857
2000-98 8450, 8510	24	500		153-5656	3T-5857	2000-92 7700	31P	950	15	430-5996	—
2000-98 8510	24T	500		—	—	1983-75 7700	3ET	430	15	—	—
2004-99 8550, 8550S	24T	500	15	—	—	7700 - Gas	30H	525		8C-3627	430-5996
1990-75 All models	24F	650	177	3T-5858	250-0487	7700 - Diesel	3ET	460	15	—	—
<b>INTERNATIONAL HARVESTER</b>											
<b>Additional equipment is listed in the Industrial, Road and Miscellaneous Equipment section</b>											
<b>Baler</b>											
1961 All models	1	445		8C-3617	—	1991-79 7720 Hillside	24	500	15	153-5656	3T-5857
<b>Harvester Threshers &amp; Cotton Pickers</b>											
1961 101, 20-C	3	690		8C-3629	—	1991-79 7722 Hillside	24	500	15	153-5656	3T-5857
1961 140, 64, 64HT, 76	1	445		8C-3617	—	1991-79 8820 Hillside	24	500	15	153-5656	3T-5857
1961 Self-propelled models	24	315		153-5656	3T-5857	1998-89 9400	27	650	15	153-5656	8C-3601
	3	690		8C-3629	—	2003-99 9450	27	650	15	153-5656	8C-3601
<b>JOHN DEERE</b>											
<b>Sugar Cane Harvester</b>											
2017 3520	31A	925	15	430-5996	—	2003-99 9450 Cylinder/Walker	31T	750	15	3T-5760	8C-3628
<b>Air Seeder, Air Drill</b>											
1987-81 665, 780, 785	24	500		153-5656	3T-5857	2007-02 9560 STS, 9660 STS	31T	750	15	3T-5760	8C-3628
<b>Baler</b>											
1967-59 216, 224, 323	24	315		153-5656	3T-5857	2004-02 9560 Sidehill	31T	750	15	3T-5760	8C-3628
1978-75 336	24	420		153-5656	3T-5857	2005-02 9560 Walker	31T	750	15	3T-5760	8C-3628
1978-76 346	24	420		153-5656	3T-5857	2011-07 9570 STS	5D	1400		—	—
<b>Bunker Rake</b>											
1993-90 1200	22F	335		3T-5859	369-9958	2013-00 9650	27	650	15	153-5656	8C-3601
<b>Combines</b>											
2013-92 1165, 1175	5D	1400		—	—	2003-99 9650 CTS	27	650	15	153-5656	8C-3601
1998-91 1185	5D	1400		—	—	2003-99 9650 Cylinder Tine Separator	27	650	15	153-5656	8C-3601
2001-98 1195	5D	1400		—	—	2003-99 9650 Cylinder Tine Walker	27	650	15	153-5656	8C-3601
2013-00 1450	5D	1400		—	—	2003-99 9650 STS	27	650	15	153-5656	8C-3601
2013-01 1550	5D	1400		—	—	2003-99 9650 Single Tine Separator	27	650	15	153-5656	8C-3601
1991-86 3300 - Diesel	30H	545		8C-3627	430-5996	2003-99 9650 Walker	27	650	15	153-5656	8C-3601
1985-84 3300, 4420	24	550		153-5656	3T-5857	2004-02 9660 CTS (rise)	31T	750	15	3T-5760	8C-3628
1983-75 4400, 4420	3ET	460	15	—	—	2004-03 9660 Single Tine Separator	31T	750	15	3T-5760	8C-3628
1991-86 4400, 6600, 6602	30H	545		8C-3627	430-5996	2005-03 9660 Single Tine Separator	31T	750	15	3T-5760	8C-3628
1991-86 4425	30H	570		8C-3627	430-5996	2007-03 9660 Single Tine Separator	31T	750	15	3T-5760	8C-3628
1992-89 4425 (requires DIN size 72311)	NA	610		—	—						
1992-89 4435	49	610		307-0751	—						
1983-75 6600 - Diesel	3ET	430		—	—						

29 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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30 See page 413 for further description.

# Farm Equipment

MAKE <sup>(31)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (32)	Replacement		MAKE <sup>(31)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (32)	Replacement	
				Option 1	Option 2					Option 1	Option 2
2006-05 9660 WTS	31T	750	15	3T-5760	8C-3628	<b>Wheel Tractors</b>					
2005-02 9660 Walker	31T	750	15	3T-5760	8C-3628	1998-89 9960	31T	925	15	354-3613	100-4081
2011-07 9670 STS, 9770 STS	31T	750	15	3T-5760	8C-3628	1992-90 9960 - Optional	31T	925	15	354-3613	100-4081
2013-02 9750	27	650	15	153-5656	8C-3601	1998-92 9965	31T	625	15	175-4370	8C-3628
2003-99 9750 Tine Separator	27	650	15	153-5656	8C-3601	1998-92 9965 - Optional	31T	925	15	354-3613	100-4081
2007-03 9760 STS	31T	750	15	3T-5760	8C-3628	1991-89 9965	31T	925	15	354-3613	100-4081
2007-03 9860 STS - S/N 078555	31T	750	15	3T-5760	8C-3628	2014-04 9970	31T	925	15	354-3613	100-4081
2007-03 9860 STS - S/N 078556	5D	1400		—	—	2014-04 9970 - Optional	31T	950	15	354-3613	100-4081
2011-07 9870 STS - S/N 78555	27	650		153-5656	8C-3601	2003-98 9970	31T	950	15	354-3613	100-4081
2011-07 9870 STS - S/N 78556	5D	1400		—	—	2009-98 9976	31T	950	15	354-3613	100-4081
2004-02 9960 STS	31T	950		354-3613	100-4081	2010-02 9986	31T	950	15	354-3613	100-4081
1997-89 CTS	27	620	15	153-5656	8C-3601	2011-04 9996	31T	925	15	354-3613	100-4081
1976-75 Diesel	30H	485		8C-3627	430-5996	<b>Cotton Stripper</b>					
2013-11 S550, S660, S670	31T	925	15	354-3613	100-4081	1976-75 482, 484	30H	525		8C-3627	430-5996
2013-11 S680	5D	1400	15	—	—	1976-71 482, 484	30H	550		8C-3627	430-5996
2013-11 S690	5D	1400		—	—	1982-78 484 - S/N 277- Up	31T	750		3T-5760	8C-3628
<b>Sidehill</b>						1981-78 484	31T	580		175-4370	8C-3628
1978-76 6600	3ET	430	15	—	—	1977-59 484	24	500		153-5656	3T-5857
1998-93 9500	27	620	15	153-5656	8C-3601	1977 484 - S/N-276	24	500		153-5656	3T-5857
<b>Compactors &amp; Cotton Strippers</b>						1976 484 - S/N-276	24	500		153-5656	3T-5857
1977-68 646	30H	550	147	8C-3627	430-5996	1986-78 484, 7740	31T	625		175-4370	8C-3628
1980-72 646B	4D	800	15	9X-9721		1989-80 7440	31T	750		3T-5760	8C-3628
1984-78 646C	31T	625	177	175-4370	8C-3628	1996-86 7445	31T	925	17	354-3613	100-4081
<b>Corn Heads</b>						2000-90 7450	31T	925		354-3613	100-4081
2004-02 90 Series (27 - 40hp)	22NF	500		—	—	2009-97 7455	31T	925		354-3613	100-4081
<b>Cotton Picker</b>						1996-94 7455	31A	625		430-5996	8C-3627
2009-01 6850	31T	650	15,17	175-4370	8C-3628	1996-94 7455 - Optional	31T	925		354-3613	100-4081
2000-98 6850	31T	650	2,161	175-4370	8C-3628	2014-12 7460	31T	925		354-3613	100-4081
1997-94 6850	31T	950	2,161	354-3613	100-4081	2011 7460	31T	925		3T-5858	250-0487
2005 7460	31T	950		354-3613	100-4081	2010-02 7460	31T	925	15	354-3613	100-4081
2003 7460	31T	950		354-3613	100-4081	2001-98 7510	31T	925	15,17	354-3613	100-4081
2014-10 7660	31T	925	181	354-3613	100-4081	2001-98 7510 - 2WD	31T	925	15,17	354-3613	100-4081
2014-08 7760	31T	925	181	354-3613	100-4081	1998-95 7740, 7745	31T	925		354-3613	100-4081
1977-68 9900	30H	550	147	8C-3627	430-5996	<b>Forage Harvesters</b>					
1986-78 9910	31T	625	177	175-4370	8C-3628	1980-75 5440, 5460	7D	900	15	8C-3633	—
1986-78 9920	31T	700	147	3T-5760	8C-3628	1986-81 5720, 5820	31T	625	15	175-4370	8C-3628
2009-95 9930	31T	925		354-3613	100-4081	1998-89 5730	31T	625	15,17	175-4370	8C-3628
1994-87 9930, 9950	31A	625		430-5996	8C-3627	1989-88 5730	31T	625	15,17	175-4370	8C-3628
1994-87 9930, 9950 - Optional	31T	925	900	354-3613	100-4081	1988-87 5730	31T	625	15,17	175-4370	8C-3628
1997-94 9935	31T	950		354-3613	100-4081	1987-86 5730	31T	625	15,17	175-4370	8C-3628
1985-78 9940	31T	700	15	3T-5760	8C-3628	1986-85 5730	31T	625	15,17	175-4370	8C-3628
1989-86 9950	31T	925	15	354-3613	100-4081	1985 5730	31T	625	15,17	175-4370	8C-3628
						1998-85 5830	31T	625	15,17	175-4370	8C-3628
						2000-92 6610	49	610	15	307-0751	—
						2009-04 6650	88AH	610		—	—
						2003-9 6650	49	850		307-0751	—

31 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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32 See page 413 for further description.

# Farm Equipment

MAKE <sup>(33)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (34)	Replacement	
				Option 1	Option 2
2010-90 6710	49	850		307-0751	—
2009-98 6750	49	850		307-0751	—
2010-90 6810, 6910	49	610	177	307-0751	—
2009-98 6950	31T	650	15,17	175-4370	8C-3628
2004-02 7800 Large Capacity (660hp)	NA	1740	149	—	—
<b>Greensmower</b>					
1993-89 2243	U1	250		8C-3636	—
<b>Harvesters</b>					
2008-02 1070D	31T	950	15	354-3613	100-4081
2008-01 753G Track	31T	950	15	354-3613	100-4081
<b>Hay Cubers</b>					
1967-65 400	8D	1000		153-5720	628-8824
1982-77 425	8D	990		153-5720	628-8824
1976-75 425	8D	900		153-5720	628-8824
<b>Hy-Cycle (Sprayer)</b>					
1999-94 4700	27	650	15	153-5656	8C-3601
1999 4700	27F	650		8C-3602	3T-5858
1998-77 6000	24	385		153-5656	3T-5857
	24	550		153-5656	3T-5857
2000-92 6100, 6600	27	650		153-5656	8C-3601
<b>Pumps</b>					
2000-95 6068T15Q	30H	625		8C-3627	430-5996
<b>Riding Reel Mower</b>					
2003-93 2653	U1	340		—	—
2008-04 2653A	51	435		—	—
2003-95 2653A	45	500		—	—
<b>Self Propelled Sprayers</b>					
2013-07 4630	34	770	15	127-0826	430-5997
2004-02 4710 (800 gal)	27	650	15	153-5656	8C-3601
2014-07 4760- 2WD	34	770	15	127-0826	430-5997
2014-07 4830	34	770	2,15	127-0826	430-5997
2011-06 4930	31T	925	15	354-3613	100-4081
2013-11 4940	31T	925	15	354-3613	100-4081
2004-02 6700 (410 or 420 gal)	31T	750	15	3T-5760	8C-3628
430-5996					
<b>Self Propelled &amp; Pull Type Combines</b>					
1965-50 105	30H	475	15	8C-3627	430-5996
1963-62 40- Gas, LPG, Optional	1	525	15	8C-3617	—
1965-60 40, 45- Gas & LPG	24	315		153-5656	3T-5857
1965-60 40, 45- Diesel	30H	475	15	8C-3627	430-5996
1963-62 45- Gas, LPG, Optional	1	525	15	8C-3617	—
1965-50 45, 55, 95- Gas & LPG	1	525	15	8C-3617	—
1965-50 95H- Gas & LPG	1	525	147	8C-3617	—

MAKE <sup>(33)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (34)	Replacement	
				Option 1	Option 2
1965-50 All pull type models	1	525	147	8C-3617	—
<b>Sprayers</b>					
2004-02 4710 (800 gal)	27	650		153-5656	8C-3601
2001 4710 (800 gal)	48	690		430-5993	430-6001
<b>Sugar Cane Harvester</b>					
2013-08 3520	31T	925	15	354-3613	100-4081
<b>Tracked Ag Tractors</b>					
2017-15 6145M	5D	1400		—	—
1999-97 8200T, 8300T, 8400T	31T	925	15	354-3613	100-4081
2001-99 8210T, 8310T, 8410T	31T	925	15	354-3613	100-4081
2005-01 8220T, 8320T, 8420T	31T	925	15	354-3613	100-4081
2010-05 8230T, 8330T, 8430T	31T	925	15	354-3613	100-4081
2011-09 8295RT, 8320RT	31T	925	15	354-3613	100-4081
2013-11 8310RT, 8335RT	31T	925	15	354-3613	100-4081
2010 8330 MFWD- 2WD	31T	925	15	354-3613	100-4081
2011 8345R	31T	925	15	354-3613	100-4081
2011-09 8345RT	31T	925	15	354-3613	100-4081
2013-11 8360RT	31T	925	15	354-3613	100-4081
2005-02 8520T	31T	925	15	354-3613	100-4081
2001-99 9300T, 9400T	31T	925	181	354-3613	100-4081
2007-01 9320T, 9420T	31T	925	181	354-3613	100-4081
2012-07 9430T, 9530T, 9630T	31T	925	181	354-3613	100-4081
2013-12 9460RT, 9510RT	31T	925	181	354-3613	100-4081
2009-07 9460T	27	650	15	153-5656	8C-3601
2007-02 9520T	31T	925	181	354-3613	100-4081
2013-12 9560RT	31T	925	181	354-3613	100-4081
2007-04 9620T	31T	925	181	354-3613	100-4081
<b>Tractors - 2-Wheel Drive</b>					
2017 6603	31T	925		354-3613	100-4081
<b>Turf Mowers</b>					
1992-86 2243, 756, 856	22F	425		3T-5859	369-9958
1995-90 3325, 3365	24F	600		3T-5858	250-0487
1989-88 3325, 3365	31T	750		3T-5760	8C-3628
<b>Utility Vehicles</b>					
1992-86 1500	22F	425		3T-5859	369-9958
1993-92 1800	45	460		—	—
<b>Utility/Compact Tractor</b>					
1993-79 1050- Heavy Duty	30H	570		8C-3627	430-5996
1998-89 1070, 970	30H	625		8C-3627	430-5996
2006-05 2210	51	435		—	—
2011-05 2305, 3120	22F	500		369-9958	250-0489
2011-06 2320	22NF	500		—	—
2010-06 3203	22F	500		369-9958	250-0489
2013-05 3320	22F	500		369-9958	250-0489
2004-02 4010- 2WD	51	435		—	—

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34 See page 413 for further description.



# Farm Equipment

MAKE <sup>(35)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (36)	Replacement		MAKE <sup>(35)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (36)	Replacement	
				Option 1	Option 2					Option 1	Option 2
2008-02 5203	31T	750		3T-5760	8C-3628	1975-73 1530 - Diesel	24	420	15	153-5656	3T-5857
2009-08 5205	31T	700		3T-5760	8C-3628	1630, 1640, 1830	24	550		153-5656	3T-5857
2007-06 5205- 2WD	31T	700		3T-5760	8C-3628		47	600		430-6000	—
2007-06 5205- Optional, 2WD	31T	925		354-3613	100-4081	1830, 1840- w/o SGB	47	600	15	430-6000	—
2005 5205- Optional, 2WD	31T	700		3T-5760	8C-3628	1840	24	550		153-5656	3T-5857
2005 5205- 2WD	31T	925		354-3613	100-4081	1840, 1840- w/o SGB	47	600		430-6000	—
2004-01 5205- 2WD	31T	700		3T-5760	8C-3628	1993-87 2-447, 2155	30H	475		8C-3627	430-5996
2004-01 5205- Optional, 2WD	31T	925		354-3613	100-4081	1965-64 2010- Gas & LPG	24	420	15	153-5656	3T-5857
2000 5205- Optional, 2WD	31T	700		3T-5760	8C-3628	1965-60 2010- Canada	24	370	15	153-5656	3T-5857
2000 5205- 2WD	31T	925		354-3613	100-4081	1963-60 2010- Gas & LPG	24	370		153-5656	3T-5857
1999 5205- 2WD	31T	700		3T-5760	8C-3628	1971-65 2020- Gas	24	420		153-5656	3T-5857
1999 5205- Optional, 2WD	31T	925		354-3613	100-4081	1971-65 2020- Diesel	24	420	15	153-5656	3T-5857
1997-89 670	45	500		—	—	1971-66 2020, 2030	24	370	147	153-5656	3T-5857
1998-89 770	24	550		153-5656	3T-5857	2017-15 2025R, 2032R	22NF	500		—	—
2008-00 790- 2WD	22NF	500		—	—	1975-73 2030- Diesel	24	370	15	153-5656	3T-5857
1989-78 850, 950- Heavy Duty	30H	625		8C-3627	430-5996	1975-71 2030- Gas	24	420		153-5656	3T-5857
1977 850, 950	30H	625		8C-3627	430-5996	1975-71 2030- Diesel	24	420	15	153-5656	3T-5857
855 from S.N. 615001	45	460		—	—	2017-16 2038, 3025E	22NF	500		—	—
855 to S.N. 615000	22F	425		3T-5859	369-9958	1987-75 2040, 2240, 2350	24	370	147	153-5656	3T-5857
1990-86 900HC	30H	475		8C-3627	430-5996	1977-73 2130- W/SGB	24	420	15	153-5656	3T-5857
900HC	30H	525		8C-3627	430-5996	1977-73 2130- w/o SGB	47	600	15	430-6000	—
1989-78 950	30H	475		8C-3627	430-5996	2140- W/SGB	24	550		153-5656	3T-5857
1999-98 955	45	500		—	—	1987-82 2150	24	420	15	153-5656	3T-5857
<b>Vacuums</b>						1987-82 2150- Open Platform	47	600	15	430-6000	—
1992-89 141, 142, 161	22F	490		369-9958	250-0489	1987-82 2150, 2250, 2255	22F	370	15	3T-5859	369-9958
1992 151, 152, 162	22F	490		3T-5859	369-9958	1992-87 2155- w/12-Volt	24	420	15	153-5656	3T-5857
1991-89 151, 152, 162	22F	490		369-9958	250-0489		49	850		307-0751	—
<b>Wheel Tractors</b>						2004-02 2210	51	435		—	—
1965-60 1010- Gas & LPG	24	370		153-5656	3T-5857	1987-83 2240	24	370	15	153-5656	3T-5857
1965-60 1010 Special, 1530	24	550		153-5656	3T-5857	1982-76 2240	24	420		153-5656	3T-5857
1965-60 1010, 2010- Diesel	30H	475		8C-3627	430-5996	1982-76 2240- Canada	27	370	15	153-5656	8C-3601
1973-66 1020- Diesel	24	420	15	153-5656	3T-5857		47	600	15	430-6000	—
1973-66 1020, 1520	24	370	147	153-5656	3T-5857	2330- Optional	24	550		153-5656	3T-5857
2017-11 1023E	22NF	500		—	—	2350, 2550	24	550		153-5656	3T-5857
2017 1025R, 1025RTL	22NF	500		—	—		47	600		430-6000	—
2013-11 1026R	22NF	500		—	—	1995-88 2355, 2355N, 2555	47	600	15	430-6000	—
1975-67 1120	47	600	15	430-6000	—	1987 2355, 2355N, 2555	24	370	15	153-5656	3T-5857
1987-73 1120, 2120, 820	24	550	147	153-5656	3T-5857	1983-73 2440- Diesel or Opt Gas	24	420	15	153-5656	3T-5857
1993-79 1250, 1450, 1650	30H	570		8C-3627	430-5996	1983-73 2440, 2630- Diesel	24	370	15	153-5656	3T-5857
1972-68 1520- Gas	24	420		153-5656	3T-5857	1968-65 2510	3EE	320	147	8C-3620	—
1972-68 1520- Diesel	24	420	15	153-5656	3T-5857						

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36 See page 413 for further description.



# Farm Equipment

MAKE <sup>(37)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (38)	Replacement	
				Option 1	Option 2
2510, 3010 - LPG				—	—
2012-05 2520 - Diesel	3EH	850	15	8C-3632	—
2012-05 2520 - W/SBG	3ET	460		—	—
2006-05 2520 - Gas & LPG	3ET	460		—	—
1972-68 2520, 3010 - Diesel	3EH	850	15	8C-3632	—
1972-68 2520, 3010 - Gas & LPG	3ET	460		—	—
2009-05 2550 - W/SBG	24	420	15	153-5656	3T-5857
1987-75 2550, 2750	24	370	147	153-5656	3T-5857
2630	30H	625		8C-3627	430-5996
1983-73 2640 - Diesel	24	370	15	153-5656	3T-5857
2640 - Gas	30H	625		8C-3627	430-5996
2013-08 2720	22NF	500		—	—
2750 (Open Platform)	47	600		430-6000	—
2750 (SGB)	24	550		153-5656	3T-5857
2755 - W/SGB	48	470		430-5993	430-6001
1993-88 2755, 2855, 2855N	47	600	15	430-6000	—
1987 2755, 2855N	24	370	15	153-5656	3T-5857
1983-77 2840 - Diesel	30H	475	15	8C-3627	430-5996
1978-77 2840 - Gas	30H	475	15	8C-3627	430-5996
1993-88 2855N - w/o SGB	47	600	15	430-6000	—
1987 2855N - w/o SGB	24	370	15	153-5656	3T-5857
1983-77 2940 - Diesel	30H	525	15	8C-3627	430-5996
1983-79 2950 - Diesel	30H	525	15	8C-3627	430-5996
1983-79 2950 - Gas	30H	625		8C-3627	430-5996
1995-87 2955	49	610	15	307-0751	—
1960-57 300 - Series, All models	1	520		8C-3617	—
2012-09 3005	22NF	500		—	—
1963-60 3010	3ET	375		8C-3620 {27}	—
1972-63 3020 - Gas & LPG	3ET	375		8C-3620 {27}	—
1968-63 3020 - Diesel	3EH	320	15	8C-3632	—
2017-09 3032E, 3038E	22NF	500		—	—
2017 3033R, 3039R, 3046R	22NF	500		—	—
2013-12 3036E	22NF	500		—	—
2013 3036E	22NF	500		—	—
2012-11 3036E	22NF	500		—	—
2011-10 3036E	22NF	500		—	—
2010 3036E	22NF	500		—	—
1987-85 3150	30H	475	15	8C-3627	430-5996
1995-85 3155	30H	475	15	8C-3627	430-5996
2008-06 3510	31T	925	15	354-3613	100-4081
2016-14 3520	31A	925		430-5996	—
2013-05 3520, 3720	22F	500		369-9958	250-0489

MAKE <sup>(37)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (38)	Replacement	
				Option 1	Option 2
1955-49 40 - Series, All models	1	520	147	8C-3617	—
1972-68 4000 - Gas	3ET	375		8C-3620 {27}	—
1972-68 4000, 4320 - Diesel	3EH	740	15	8C-3632	—
1963-60 4010	3ET	375	147	8C-3620 {27}	—
2005-01 4010 Series - 2WD	3ET	460		—	—
2005-01 4010 Series - 4WD	51	435		—	—
2004-02 4010 Series (18-8hp)	51	435		—	—
1972-69 4020 - Diesel	3EH	740	15	8C-3632	—
1972-69 4020 - Gas & LPG	3ET	375		8C-3620 {27}	—
1968-64 4020 - Gas & LPG	3EE	320		8C-3620	—
1968-63 4020 - Diesel	3EE	320	15	8C-3620	—
2004-02 4020 (43- 58hp)	3ET	620		—	—
1977-72 4030, 4230, 4240	5D	850	15	8C-3633	—
1983-72 4040 - Gas	5D	850	15	8C-3633	—
2017 4044M, 4044R, 4052M	34	770		127-0826	430-5997
1991-87 4050 - Export Models	31T	950	15	354-3613	100-4081
1991-87 4050 - Gas	5D	850	15	8C-3633	—
1985-81 4050 - Gas	5D	850	15	8C-3633	—
1980-77 4050	5D	850	15	8C-3633	—
2017 4052R, 4066M, 4066R	34	770		127-0826	430-5997
1993-88 4055	31T	950	15	354-3613	100-4081
2002-97 4100 - 2WD	51	435		—	—
1996 4100	22F	425		3T-5859	369-9958
2017-07 4105	22NF	500		—	—
2005-01 4110	51	435		—	—
2005-01 4115, 4115 (24hp)	22NF	500		—	—
2004-02 4120	27	650		153-5656	8C-3601
2017-02 4120, 4720	34	770		127-0826	430-5997
2000-99 4200 - 2WD	22NF	500		—	—
1959-56 420H thru 430W, 440I	1	520		8C-3617	—
2005-01 4210 - 2WD	22NF	500		—	—
1988-87 4250 - Export Models	31T	430		175-4370	8C-3628
1988-77 4250, 4640	5D	850	15	8C-3633	—
1993-88 4255, 4555, 4560 - 2WD	31T	950	15	354-3613	100-4081
2003-00 4300	22F	500		369-9958	250-0489

**37 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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38 See page 413 for further description.

# Farm Equipment

MAKE <sup>(39)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (40)	Replacement		MAKE <sup>(39)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (40)	Replacement	
				Option 1	Option 2					Option 1	Option 2
2000-99 4300- 2WD	22F	500		369-9958	250-0489	1991 4850- Diesel, 2WD	5D	850	15	8C-3633	—
1999-96 4300	22F	425		3T-5859	369-9958	1990 4850- Diesel, 2WD	31T	950	15	354-3613	100-4081
2004-01 4310- 2WD	22NF	500		—	—	1990 4850- Export Models, 2WD	5D	850	15	8C-3633	—
2017-00 4320	34	770		127-0826	430-5997	1989-87 4850- Export Models, 2WD	31T	950	15	354-3613	100-4081
2004-02 4320- Optional	3EH	850	15	8C-3632	—	1989-87 4850- Diesel, 2WD	5D	850	15	8C-3633	—
1960-58 435, 440- Diesel	30H	525		8C-3602	3T-5858	1988-77 4850	5D	850	15	8C-3633	—
2001-98 4400- 2WD	22NF	500		—	—	1986 4850- Diesel, 2WD	31T	950	15	354-3613	100-4081
1959-56 440IC	1	520		8C-3617		1986 4850- Export Models, 2WD	5D	850	15	8C-3633	—
2004-01 4410	22NF	500	15	—	—	1985-84 4850- Export Models, 2WD	31T	950	15	354-3613	100-4081
1977-72 4430, 4440, 4630	5D	850	15	8C-3633	—	1985-84 4850- Diesel, 2WD	5D	850	15	8C-3633	—
1991-83 4450- Diesel	5D	850	15	8C-3633	—	1983 4850- Diesel, 2WD	31T	950	15	354-3613	100-4081
1991-83 4450- Diesel, 2WD	5D	850	15	8C-3633	—	1983 4850- Export Models, 2WD	5D	850	15	8C-3633	—
1996-86 4455- 2WD	31T	950		354-3613	100-4081	1982 4850- Export Models, 2WD	31T	950	15	354-3613	100-4081
2000-96 4500- 2WD	27F	650		8C-3602	3T-5858	1982 4850- Diesel, 2WD	5D	850	15	8C-3633	—
2004-01 4510, 4610, 4710- 2WD	48	690		430-5993	430-6001	1993-88 4960- 2WD	31T	950	15	354-3613	100-4081
	n			127-0826	430-5997	1955-49 50- Series, All models	1	520	147	8C-3617	—
2003-02 4520	3EH	850	15	8C-3632	—	1960-56 50- Series, All models	1	520	179	8C-3617	—
1972-68 4520- Diesel	3EH	740	15	8C-3632	—	1968-62 5010- Diesel	1	520	173	8C-3617	—
1970-69 4520	3EH	850	15	8C-3632	—	1968 5010- Diesel	7D	975	15	8C-3633	—
1989-82 4550- 2WD	5D	850	15	8C-3633	—	1967-62 5010- Diesel	7D	975		8C-3633	—
1988-87 4550- Export Models, 2WD	31T	0		—	—	1968-62 5020 (after 24999)- Diesel	7D	975		8C-3633	—
1981-77 4550	5D	850	15	8C-3633	—	1968-62 5020 (after 24999)- Diesel	1	520	173	8C-3617	—
2000-99 4600- 2WD	27F	650		8C-3602	3T-5858	1977-69 5020, 75207- Diesel	7D	875	15	8C-3633	—
1972-68 4620- Diesel	3EH	850	15	8C-3632	—	2013-09 5045D, 5045E, 5065E	27	650		153-5656	8C-3601
1988-77 4640- Diesel	5D	850	15	8C-3633	—	2012-09 5055D, 5055E, 5075E	27	650		153-5656	8C-3601
1991 4650- Diesel, 2WD	31T	950	15	354-3613	100-4081	2013-09 5065M, 5075M, 5101E	31T	925		354-3613	100-4081
1991-89 151, 152, 162	22F	490		369-9958	250-0489	2014-13 5076E	31A	925		430-5996	—
1965-60 1010- Gas & LPG	24	370		153-5656	3T-5857	2012-09 5083E Limited, A400	31T	925		354-3613	100-4081
	5D	850	15	8C-3633	—	2013-11 5083E, 5100M, 5115M	31T	925		354-3613	100-4081
1991 4650- Export Models, 2WD	5D	850	15	8C-3633	—	2017 5085M	31T	925		354-3613	100-4081
1990-86 4650- Export Models, 2WD	31T	950	15	354-3613	100-4081	2016-15 5085M				354-3613	100-4081
1990-86 4650- Diesel, 2WD	5D	850	15	8C-3633	—	2014-09 5085M, 6100D, 6130D	31T	925		354-3613	100-4081
1985-84 4650- Diesel, 2WD	31T	950	15	354-3613	100-4081	2013-12 5093E	31T	925		354-3613	100-4081
1985-84 4650- Export Models, 2WD	5D	850	15	8C-3633	—	2011-09 5093E Limited, 5095M	31T	925		354-3613	100-4081
1983 4650- Export Models, 2WD	31T	950	15	354-3613	100-4081	2012 5093E Limited	31T	925		354-3613	100-4081
1983 4650- Diesel, 2WD	5D	850	15	8C-3633	—						
1988-77 4650, 4840	5D	850	15	8C-3633	—						
2002-00 4700	27F	650		8C-3602	3T-5858						
1993-88 4755, 4955	31T	950	15	354-3613	100-4081						
1993-91 4760- 2WD	31T	950	15	354-3613	100-4081						
1988-77 4840- Diesel	5D	850	15	8C-3633	—						
1991 4850- Export Models, 2WD	31T	950	15	354-3613	100-4081						

39 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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40 See page 413 for further description.

# Farm Equipment

MAKE <sup>(41)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (42)	Replacement	
				Option 1	Option 2
2011-09 5101E Limited, 5105M	31T	925		354-3613	100-4081
2008-02 5103	31T	750		3T-5760	8C-3628
2009-99 5105	31T	700		3T-5760	8C-3628
2007 5105- Optional, 2WD	31T	700		3T-5760	8C-3628
2007 5105- 2WD	31T	925		354-3613	100-4081
2006-05 5105- 2WD	31T	700		3T-5760	8C-3628
2006-05 5105- Optional - 2WD	31T	925		354-3613	100-4081
2004 5105- Optional - 2WD	31T	700		3T-5760	8C-3628
2004 5105- 2WD	31T	925		354-3613	100-4081
2003 5105- 2WD	31T	700		3T-5760	8C-3628
2003 5105- Optional - 2WD	31T	925		354-3613	100-4081
2002 5105- Optional - 2WD	31T	700		3T-5760	8C-3628
2002 5105- 2WD	31T	925		354-3613	100-4081
2001-99 5105- 2WD	31T	700		3T-5760	8C-3628
2001-99 5105- Optional - 2WD	31T	925		354-3613	100-4081
1998-96 5200- w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1998-96 5200- Optional w/o Cab 2WD	31T	925		354-3613	100-4081
1998-95 5200- w/Cab, 2WD	31T	750		3T-5760	8C-3628
1995 5200- Optional w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1995 5200- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081
1994-93 5200- Optional w/o Cab, 2WD	31T	750		3T-5760	8C-3628
1994 5200- w/Cab, 2WD	31T	700		3T-5760	8C-3628
1994 5200- Optional w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1993 5200- w/Cab, 2WD	31T	925		354-3613	100-4081
1992-91 5200- w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1992-91 5200- w/Cab, 2WD	31T	700		3T-5760	8C-3628
1992-91 5200- w/Cab, 2WD	31T	750		3T-5760	8C-3628
1992-91 5200- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081
1976 5200	7D	900	15	8C-3633	—
1998-91 5200, 5400	31T	700		3T-5760	8C-3628
1980-75 5200, 5400	7D	875	15	8C-3633	—
2000 5210- 2WD	31T	700		3T-5760	8C-3628
2000 5210- Optional, 2WD	31T	925		354-3613	100-4081

MAKE <sup>(41)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (42)	Replacement	
				Option 1	Option 2
1999 5210- Optional, 2WD	31T	700		3T-5760	8C-3628
1999 5210- 2WD	31T	925		354-3613	100-4081
1998 5210- 2WD	31T	700		3T-5760	8C-3628
1998 5210- Optional, 2WD	31T	925		354-3613	100-4081
2000-98 5210, 5310	31T	700		3T-5760	8C-3628
2000-98 5210, 5310- Optional 31T	925	850		354-3613	100-4081
2009-04 5225, 5325	31T	925		354-3613	100-4081
1998-93 5300- w/Cab, 2WD	31T	750		3T-5760	8C-3628
1998-93 5300- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081
1998-92 5300- w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1998-91 5300	31T	750		3T-5760	8C-3628
1992 5300- Optional w/o Cab, 2WD	31T	750		3T-5760	8C-3628
1992 5300- w/Cab, 2WD	31T	925		354-3613	100-4081
1991 5300- w/o Cab, 2WD	31T	750		3T-5760	8C-3628
1991 5300- Optional w/o Cab, 2WD	31T	750		3T-5760	8C-3628
1991 5300- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081
1998-91 5300, 5400- Optional	31T	925		354-3613	100-4081
2012-02 5303- 2WD	31T	750		3T-5760	8C-3628
2000-98 5310- 2WD	31T	700		3T-5760	8C-3628
2000-98 5310- Optional, 2WD	31T	925		354-3613	100-4081
1998-91 5400- w/o Cab, 2WD	31T	700		3T-5760	8C-3628
1998-91 5400- w/Cab, 2WD	31T	750		3T-5760	8C-3628
1998-91 5400- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081
2014-02 5403- 2WD	31T	750		3T-5760	8C-3628
2000-98 5410	31T	700		3T-5760	8C-3628
2000-98 5410- 2WD	31T	700		3T-5760	8C-3628
2000-98 5410- Optional	31T	925		354-3613	100-4081
2000-98 5410- Optional, 2WD	31T	925		354-3613	100-4081
2014-02 5415, 5615- 2WD	31T	925		354-3613	100-4081
2014-04 5425- 2WD	31T	925		354-3613	100-4081
2014-06 5425N, 5625, 5725-2WD	31T	700		3T-5760	8C-3628
1998-96 5500- w/Cab, 2WD	31T	750		3T-5760	8C-3628
1998-96 5500- Optional	31T	925		354-3613	100-4081

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42 See page 413 for further description.

# Farm Equipment

MAKE <sup>(44)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (45)	Replacement		MAKE <sup>(43)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (44)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1998-96 5500- Optional w/o Cab, 2WD	31T	925		354-3613	100-4081	2011-06 7130 Premium- Optional, 2WD	5D	1400		—	—
1998-91 5500	31T	700		3T-5760	8C-3628	2000-93 7200, 7400	31T	950	15, 17	354-3613	100-4081
2000-98 5510	31T	700		3T-5760	8C-3628	2013-11 7200R, 7215R- 2WD 31T	925	850	15	354-3613	100-4081
2000-98 5510- 2WD	31T	700		3T-5760	8C-3628	2001-93 7210, 7410- 2WD	31T	925	15, 17	354-3613	100-4081
2000-98 5510- Optional	31T	925		354-3613	100-4081	2006-02 7220- 2WD	4D	1200		153-5710	—
2000-98 5510- Optional, 2WD	31T	925		354-3613	100-4081		5D	1400		—	—
2004-00 5520- 2WD	31T	925		354-3613	100-4081	2011-06 7230- 2WD	4D	1200		153-5710	—
2009-04 5525- 2WD	31T	925		354-3613	100-4081		5D	1400		—	—
2014-02 5715- 2WD	31A	925		430-5996	—	2011-06 7230-Optional, 2WD	5D	1400		—	—
1955-49 60- Series, All models	1	520	147	8C-3617	—	2011-06 7230 Premium, 2WD	4D	1200		153-5710	—
1960-56 60- Series, All models	1	520	179	8C-3617	—		5D	1400		—	—
1977-69 6030- Diesel	7D	975	15	8C-3633	—	2011-06 7230 Premium- Optional, 2WD	5D	1400		—	—
2017-16 6105E, 6120E, 6135E	31A	925		430-5996	—	2013-11 7230R, 7260R- 2WD	31T	925	15	354-3613	100-4081
2017 6105E, 6120E, 6135E	31A	925		430-5996	—	2013-11 7280R, 8235R- 2WD 31T	31T	925	15	354-3613	100-4081
2016-15 6105E, 6120E, 6135E	31A	925		430-5996	—	2006-02 7320	4D	1200		153-5710	—
2015 6105E, 6120E, 6135E	31A	925		430-5996	—	2006-02 7320, 7420	5D	1400		—	—
2017-14 6105J	31A	925		430-5996	—	2011-06 7330- 2WD	4D	1200		153-5710	—
2014-08 6110D, 6115D, 6125D 31T	925	740		354-3613	100-4081	2011-06 7330- Optional, 2WD	5D	1400		—	—
2014-10 6110J, 6140J, 6425J	31T	925		354-3613	100-4081	2011-06 7330- Premium, 2WD	4D	1200		153-5710	—
2014-09 6140D	31T	925		354-3613	100-4081	2011-06 7330 Premium Optional, 2WD	5D	1400		—	—
2014-12 6140R	4D	1150	15	153-5710	—	2001-97 7405	31T	925	15,17	354-3613	100-4081
2017-12 6150R, 6170R, 6190R	4D	1150	15	153-5710	—	1996-93 7405	31T	950	15,17	354-3613	100-4081
2017-10 6155J	31T	925		354-3613	100-4081	2006-03 7420	4D	1200		153-5710	—
1998-92 6200	31T	950	15	354-3613	100-4081	2006-02 7420, 7520- 2WD	4D	1200		153-5710	—
2017-12 6210R	4D	1150		153-5710	—		5D	1400		—	—
1998-92 6300, 6500	31T	420	15	175-4370	8C-3628	2013-08 7425 Series	31T	925		354-3613	100-4081
2001-92 6400- 2WD	31T	420	15	175-4370	8C-3628	2009-06 7430- 2WD	4D	1200		153-5710	—
2017-02 6403- 2WD	31T	925		354-3613	100-4081	2011-09 7430 Premium-2WD	4D	1200		153-5710	—
2003 6415	31T	1230	15	—	—	2011-09 7430 Premium-Optional 2WD	5D	1400		—	—
1989-73 650, 750	24	550	147	153-5656	3T-5857	1999-86 755	22F	490		369-9958	250-0489
2000-92 6500	27	650		153-5656	8C-3601	2000-92 7600	31P	950	15	430-5996	—
1991-89 655	22F	490		369-9958	250-0489	2003-92 7610, 7710- 2WD	31T	925	15,17	354-3613	100-4081
2016-02 6603	31T	925		354-3613	100-4081	2011-06 7630 Large Frame-2WD	31T	925	15	354-3613	100-4081
1955-49 70- Series, All models	1	520	147	8C-3633	—						
1960-56 70- Series, All models	1	520	179	8C-3633	—						
1974-71 7020- Diesel	5D	800	15	8C-3633	—						
2011-06 7130- 2WD	4D	1200		153-5710	—						
2011-06 7130- Optional, 2WD	5D	1400		—	—						
2011-06 7130 Premium- 2WD	4D	1200		153-5710	—						

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44 See page 413 for further description.

# Farm Equipment

MAKE <sup>(45)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (46)	Replacement	
				Option 1	Option 2
2006-03 7720, 7820, 7920 - 2WD	31T	925	15	354-3613	100-4081
2011-06 7730 Large Frame - 2WD	31T	925	15	354-3613	100-4081
2000-92 7800, 8200, 8300 - 2WD	31T	950	15,17	354-3613	100-4081
2003-96 7810 - 2WD	31T	925	15,17	354-3613	100-4081
2001-92 7810	31T	925	15,17	354-3613	100-4081
2011-06 7830 Large Frame - 2WD	31T	925	15	354-3613	100-4081
2000-97 790	45	460			—
2000 790	22NF	500		—	—
1999-98 790 - 2WD	22NF	500		—	—
2011-06 7930 Large Frame-2WD	31T	925	15	354-3613	100-4081
1960-56 800 - Series, All models	1	520	179	8C-3617	
1965-60 8010	8D	860	15	153-5720	628-8824
2000-92 8100	31P	950	15,17	430-5996	—
1999-94 8100 - 2WD	31T	950	15,17	354-3613	100-4081
1999-97 8100T	31T	925	15	354-3613	100-4081
2001-99 8110 - 2WD	31T	925	15	354-3613	100-4081
2001-99 8110T	31T	925	15	354-3613	100-4081
2005-01 8120, 8120T, 8220	31T	925	15	354-3613	100-4081
2010-05 8130 MFWD - 2WD	31T	925	15	354-3613	100-4081
2009-05 8130, 8230, 8330	31T	925	15	354-3613	100-4081
2001-99 8210, 8310, 8410-2WD	31T	925	15	354-3613	100-4081
2011-09 8225R, 8345R - 2WD 31T	925	1150	15	354-3613	100-4081
2010-05 8230 MFWD - 2WD	31T	925	15	354-3613	100-4081
2013-11 8260R, 8285R, 8310R 31T	925	950	15	354-3613	100-4081
1965-60 830	24	550		153-5656	3T-5857
1987-73 830 Electric Start	24	550	147	153-5656	3T-5857
2013 8310RT	31T	925	15	354-3613	100-4081
1999 8310T	31T	925	15	354-3613	100-4081
2005-01 8320, 8420, 8520	31T	925	15	354-3613	100-4081
2009-05 8330 MFWD - 2WD	31T	925	15	354-3613	100-4081
2013-11 8335R, 8360R	31T	925	15	354-3613	100-4081
2009 8345R	31T	925	15	354-3613	100-4081
2000-92 8400 - 2WD	31T	950	15,17	354-3613	100-4081
1981-74 8430 - Diesel	5D	850	15	8C-3633	—
2010-05 8430 MFWD - 2WD	31T	925	15	354-3613	100-4081
2009-05 8430, 8530	31T	925	15	354-3613	100-4081
1988-79 8440 - Diesel	4	975		8C-3633	—
1988-79 8440 - Gas	5D	850	15	8C-3633	—
1978 8440 - Diesel, Optional	4	975		8C-3633	—
1992-78 8450	5D	850	15	8C-3633	—

MAKE <sup>(45)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (46)	Replacement	
				Option 1	Option 2
2010-05 8530 MFWD - 2WD	31T	925	15	354-3613	100-4081
1999 855 - SN 615000	22F	490		369-9958	250-0489
1999 855 - SN615001 - Up	45	500		—	—
1998-86 855 - 2WD,S/N-615000	22F	490		369-9958	250-0489
1998-86 855 - 2WD,S/N 615001- Up	45	500		—	—
1998-88 8560, 8970	31T	950	177	354-3613	100-4081
1998-89 8570	31T	950	15	354-3613	100-4081
1988 8570	31T	950	177	354-3613	100-4081
8630	4	975	15	8C-3633	—
1988-78 8640	4	975	15	8C-3633	—
1992-89 8650 - Diesel	4	975	15	8C-3633	—
1992-78 8650	4	975	15	8C-3633	—
1993-82 8760	31T	950	177	354-3613	100-4081
1998-88 8770, 8870	31T	950	15	354-3613	100-4081
1993-82 8850 - Diesel	31T	950	177	354-3613	100-4081
1988-82 8850 - Diesel	31T	750	181	3T-5760	8C-3628
1993-82 8960	31T	950	177	354-3613	100-4081
2001-96 9100, 9400 - 4WD	31T	925	15	354-3613	100-4081
2007-01 9120, 9220, 9320 - 4WD	31T	925	181	354-3613	100-4081
1987-73 920	24	550	15	153-5656	3T-5857
1972-67 920	47	600	15	430-6000	—
2001-96 9200 - 4WD	31T	925	181	354-3613	100-4081
2011-07 9230 - 4WD	31T	925	15	354-3613	100-4081
2001-96 9300	31T	925	161	354-3613	100-4081
2012-07 9330, 9530, 9630-4WD	31T	925	181	354-3613	100-4081
2013-12 9360R, 9410R - 4WD	31T	925	181	354-3613	100-4081
2011 9430	31T	925	181	354-3613	100-4081
2010-07 9430 - 4WD	31T	925	181	354-3613	100-4081
2013-12 9460R, 9510R - 4WD 31T	31T	925	181	354-3613	100-4081
1999-89 955 - 2WD	45	500		—	—
2013-12 9560R - 4WD	31T	925	181	354-3613	100-4081
2007-04 9620 - 4WD	31T	925	181	354-3613	100-4081
2009-99 990 - 2WD	27F	650		8C-3602	3T-5858
1954-47 A, AH, AN, AO, AR	1	520	15	8C-3617	—
1954-47 AW	1	520	15	8C-3617	—
1955-49 D, G, GH, GN, GW, R	1	520	147	8C-3617	—
1988-87 Export models	31T	430	15	175-4370	8C-3628
1970-65 JD-300, JD-400	24	370		153-5656	3T-5857
1970-65 JD-440, JD-480	24	370		153-5656	3T-5857

**45 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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46 See page 413 for further description.

# Farm Equipment

MAKE <sup>(47)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (48)	Replacement	
				Option 1	Option 2
1970-64 JD-500 - Diesel	3EH	740	15	8C-3632	—
1970-64 JD-500, JD-500A - Gas	3ET	375	147	8C-3620 {27}	—
1970-64 JD-500A - Diesel	3EH	740	15	8C-3632	—
1970-64 JD-500B - Diesel	3EH	740	15	8C-3632	—
1970-64 JD-500B, JD-600 - Gas	31T	925		354-3613	100-4081
1970-65 JD-540, JD-544	30H	525	15	8C-3627	430-5996
1970-68 JD-570, JD-690	3EH	740	15	8C-3632	—
1970-64 JD-600 - Diesel	3EH	740	15	8C-3632	—
1970-65 JD-644	30H	525	15	8C-3627	430-5996
1970-68 JD-700 - Gas	7D	875	15	8C-3633	—
1968-65 JD-700, JD-760 - Diesel	1	520	173	8C-3617	—
1970-68 JD-760A	7D	875	15	8C-3633	—
1970-69 JD-860	4D	850	15	9X-9721	
2013-09 R450	31T	925		354-3613	100-4081
2004-02 Trail Buck Series	16CL- B	260		—	—
<b>Windrowers</b>					
2009-01 4895	31T	925		354-3613	100-4081
2008-01 4895 (11hp)	31T	925		354-3613	100-4081
2002-00 4990 - S/N 163100	24	550	15	153-5656	3T-5857
2002-00 4990 - S/N 463101	31T	925		354-3613	100-4081
2009-02 4995, 4995 (182hp)	31T	925		354-3613	100-4081
2012 A400	31T	925		354-3613	100-4081
2013-11 D450	31T	925		354-3613	100-4081
2014-09 R450	31T	925		354-3613	100-4081
2013 W110, W150	31T	650	15	175-4370	8C-3628
2017-15 W260	31A	925		430-5996	—
<b>Windrowers - Hydrostatic</b>					
1984-76 880	24	385		153-5656	3T-5857
<b>Windrowers - Self-Propelled</b>					
1966-62 215	24	315		153-5656	3T-5857
1984-75 2250, 2270, 2280	24	420		153-5656	3T-5857
2012 2320	22NF	500		369-9958	250-0489
1987-75 2320	24	500		153-5656	3T-5857
1985-75 2360	24	550		153-5656	3T-5857
1984-75 2420	24	500		153-5656	3T-5857
1988 3430 - S/N-840000	24T	385		—	—
1988 3430 - S/N-840001-	31T	700		3T-5760	8C-3628
1987-86 3430	24T	385		—	—
1996-88 3430, 3830	31T	700		3T-5760	8C-3628
1988-85 3430, 3830	24	385		153-5656	3T-5857
2001-94 4890	24	550	15	153-5656	3T-5857
1984-75 800, 830	24	485		153-5656	3T-5857

MAKE <sup>(43)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (44)	Replacement	
				Option 1	Option 2
1984-75 800, 830, 880	24	420		153-5656	3T-5857
1966-60 VH4	1	525		8C-3617	
<b>KIOTI</b>					
<b>Tractors</b>					
2008-05 CK20HST, CK30	24	450		153-5656	3T-5857
2008-05 CK30	24	675		127-0826	—
2008-06 DK Series	24	450		153-5656	3T-5857
2008-05 LB1914	24	450		153-5656	3T-5857
2008-05 LB1914, CK20	24	450		153-5656	3T-5857
2007-05 LK 3054X5, LK2554	24	450		153-5656	3T-5857
<b>KORVAN CORPORATION</b>					
<b>Harvesters</b>					
2007-03 2000 R, 9000 R	25	660	27	—	—
2002 2000 R, 9000 R	25	660		—	—
2008-02 2000, 3016, 9000	25	660		—	—
2007-06 3016 R, 8000 R	25	660	27	—	—
2009-01 5000	25	660		—	—
1990-75 9200 Coffee	29H	660		430-5996	—
2002 930 R	25	660		—	—
2007-03 930 R, 9800 R	25	660	27	—	—
2008-02 930, 9800 R	25	660		—	—
<b>Olive Harvesters</b>					
2009-00 5000	25	660		—	—
<b>Raisin Harvesters</b>					
2008 2000	25	660		—	—
2006-02 2000	25	660		—	—
2008-02 3016	25	660		—	—
2004-02 3016 R	25	660		—	—
<b>Raspberry/Blueberry Harvester</b>					
2009-96 8000	25	660		—	—
2004-02 8000 R	25	660		—	—
<b>KUBOTA TRACTOR CORP</b>					
<b>Additional equipment is listed in the Industrial, Road and Miscellaneous Equipment section</b>					
<b>Tractors</b>					
1990-75 B1700, B2100, B2400 51R	405	925	15,17	—	—
1990-75 B21	51	405	15	—	—
B2150, B600, B6100	24F	525		3T-5858	250-0487
2004-02 B2410, B2710, B2910 51	410			—	—
2000-99 B2710, B7300	51R	405		—	—
B8200, L175, L185	24F	525		3T-5858	250-0487
2008-06 BX Series	26	540		8C-3600	250-0489 {32}
2004-02 BX1830, BX22, BX2230	26	540		8C-3600	250-0489 {32}
2004-02 BX23	26	540		8C-3600	250-0489 {32}

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48 See page 413 for further description.



# Farm Equipment

MAKE <sup>(49)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (50)	Replacement	
				Option 1	Option 2
2008-02 Grand L30, L2800	24	575		153-5656	3T-5857
L200, L210	27	600		153-5656	8C-3601
L225, L235, L245	24F	525		3T-5858	250-0487
2000-98 L2350, L2500, L2650	24F	490		3T-5858	250-0487
L260, L285, L295	30H	525		8C-3627	430-5996
L275, L295	24F	525		3T-5858	250-0487
L2900, L3000, L3300	24	490		153-5656	3T-5857
2000-98 L2950, L3410	24F	490		3T-5858	250-0487
2000-99 L3010, L3710, L4310	24	585		153-5656	3T-5857
L305, L345, L355SS	30H	525		8C-3627	430-5996
2008-02 L3400, L4300, L4400	24	575		153-5656	3T-5857
L35	24	490		153-5656	3T-5857
L3600, L4000, L4200	27	450		153-5656	8C-3601
2004-02 M 4800	24	700		127-0826	—
2008-02 M 4900, M 5700	30H	700		430-5996	—
2008-02 M 9000 Low Profile	30H	1000		430-5996	—
2008-02 M 9000 Mudder	30H	1000		430-5996	—
2007-06 M Series	31A	700	149	430-5996	127-0826 {29}
2004-02 M10JS, M110, M120	31A	700		430-5996	127-0826 {29}
M110, M120	4DLT	700		153-5700 {30}	8C-3622
M4000, M4050, M4500	30H	525		8C-3627	430-5996
M4700, M5400	31A	700		430-5996	127-0826 {29}
2004-02 M4800, M4900, M5700	31A	700		430-5996	127-0826 {29}
2000-99 M6800, M8030, M8200	31A	700		430-5996	127-0826 {29}
2004-02 M6800, M8200	31A	700		430-5996	127-0826 {29}
2004-02 M8200 Narrow, M900	31A	700		430-5996	127-0826 {29}
2000-99 M9000	31A	700		430-5996	127-0826 {29}
2004-02 M9000 Low Profile	31A	700		430-5996	127-0826 {29}
M9580	30H	660		8C-3627	430-5996
2008-02 MX5000	24F	600		3T-5858	250-0487
<b>LONG MFG. N.C., INC.</b>					
<b>Wheel Tractors</b>					
1984-71 1100	4EH	810	15	8C-3632	—
1984-71 1100, 1310, 550, 560	4EH	810	147	8C-3632	—
1976 1100	4EH	850	15	8C-3632	—
1984-77 1310	4EH	850	15	8C-3632	—
1976-71 1310	4EH	810	15	8C-3632	—

MAKE <sup>(49)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (50)	Replacement	
				Option 1	Option 2
1980-78 1400	16TF	625		—	—
1997-93 2260	30H	650		8C-3627	430-5996
1997-94 2310	30H	650		8C-3627	430-5996
1997-91 2360, 2460, 2510	30H	650		8C-3627	430-5996
1988-79 260, 310 - All 12-Volt 30H	600	450		8C-3627	430-5996
1986-79 260, 460S, 460SM	30H	510		8C-3627	430-5996
1997-91 2610	30H	650		8C-3627	430-5996
1986-79 310	30H	600		8C-3627	430-5996
1978-75 350, 360 - All 6-Volt	4EH	810		8C-3632	—
1988-79 360 - All 12-Volt	30H	600		8C-3627	430-5996
1978-75 445, 460 - All 6-Volt	4EH	810		8C-3632	—
1988-79 460	30H	600		8C-3627	430-5996
1988-79 460 - All 12-Volt	30H	600		8C-3627	430-5996
1978-76 460	4EH	850		8C-3632	—
1986-79 460SV	30H	510		8C-3627	430-5996
1988-79 510, 610	30H	600		8C-3627	430-5996
1986-79 510S, 510SM-Optional	30H	510		8C-3627	430-5996
1986-79 510S, 510SM, 510SV 29H	510	660		8C-3627	430-5996
1986-79 510SV, 610S-Optional	30H	510		8C-3627	430-5996
1984-71 560	4EH	850	147	8C-3632	—
1986-79 610S, 610SM	29H	510		8C-3627	430-5996
1986-79 610SM-Optional	30H	510		8C-3627	430-5996
1984-71 900, 910	4EH	810	147	8C-3632	—
<b>M-R-S MANUFACTURING</b>					
<b>Architectural Tractors</b>					
1980-75 100, 80 - A Series	8D	845	147	153-5720	628-8824
1980-75 80CS, 85, 92 - A Series	8D	845	147	153-5720	628-8824
1980-75 95 - A Series	8D	845	147	153-5720	628-8824
<b>MAC DON INDUSTRIES LTD.</b>					
<b>Windrowers</b>					
2008-05 3020 PullType	27	620		153-5656	8C-3601
2008-94 9250	27	620		153-5656	8C-3601
2000-90 9300	27	620		153-5656	8C-3601
2003-94 9350	27	620		153-5656	8C-3601
2006-05 9350C	27	620		153-5656	8C-3601
2003-02 9352	27	620		153-5656	8C-3601
2008-02 9352i, 9352i	27	620		153-5656	8C-3601
2011-08 M100	29H	750	15	430-5996	—
2017-11 M105, M155	29H	650	15	8C-3627	430-5996
2011-07 M150, M200	29H	750	15	430-5996	—
2017-14 M205	29H	650	15	8C-3627	430-5996
2013-10 M205	29H	750	15	430-5996	—
<b>MASSEY COMBINES CORP.</b>					

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50 See page 413 for further description.



# Farm Equipment

MAKE <sup>(51)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (52)	Replacement	
				Option 1	Option 2
<b>Formerly MASSEY-FERGUSON INDUSTRIES, LTD.</b>					
<b>Combines</b>					
1977-75 300, 510- Gas	24	280		153-5656	3T-5857
1977-75 300, 510- Diesel	30H	545		8C-3627	430-5996
1988-78 540, 850, 855, 8560	27	595	177	153-5656	8C-3601
1988-81 550	27	595	177	153-5656	8C-3601
1980-78 550- Optional	27	595	177	153-5656	8C-3601
1980-75 550	24	470	147	153-5656	3T-5857
1980-75 760- Diesel	24	470	147	153-5656	3T-5857
1988-78 8590, 860, 865	27	595	177	153-5656	8C-3601
<b>Swathers</b>					
1982-75 655, 775	24	280		153-5656	3T-5857
1987-83 885- Gas	24	380		153-5656	3T-5857
1987-83 885- Diesel	74	520		369-9957	7X-6100
<b>MASSEY-FERGUSON</b>					
<b>Additional equipment is listed in the Industrial, Road and Miscellaneous Equipment section</b>					
<b>Combines</b>					
1987-82 550	27	580	15	153-5656	8C-3601
1981-78 550	27	580		153-5656	8C-3601
1980-76 550, 760- Diesel	24	470	15	153-5656	3T-5857
1987-81 850	27	595	15	153-5656	8C-3601
1986-85 855, 865	27	595	15	153-5656	8C-3601
1987-86 8560	27	595	15	153-5656	8C-3601
1987-86 8590	27	595	181	153-5656	8C-3601
1985-81 860	27	595	15	153-5656	8C-3601
<b>Combines, Corn Pickers, Forage Clippers</b>					
1967-63 205, 300, 410- Gas	24	290		153-5656	3T-5857
1967-63 205, 300, 410- Diesel 30H	520	315		8C-3627	430-5996
1977-76 300, 510- Gas	24	280		153-5656	3T-5857
1977-76 300, 510- Diesel	30H	580		8C-3627	430-5996
1965-62 35, 72-PI, 72-SP	1	520		8C-3617	—
1967-63 510, 92 Super- Gas	24	290		153-5656	3T-5857
1967-63 510, 92 Super- Diesel	30H	520		8C-3627	430-5996
1984-78 540	27	580		153-5656	8C-3601
1965-62 82-SP	1	520		8C-3627	
<b>Combines</b>					
2008-01 9690, 9790	31T	800	15	354-3613	100-4081
2011-08 9695, 9795	31T	800	15	354-3613	100-4081
2011-06 9895	31T	800	15	354-3613	100-4081
2007-06 MF 9000	NA	NA		—	—
2008-06 MF 9690, MF 9790	31T	800	15	354-3613	100-4081
2001 MF 9690, MF 9790	31T	800	15	354-3613	100-4081
2009-08 MF 9695, MF 9795	31T	800	15	354-3613	100-4081
2009-08 MF 9895	31T	800	15	354-3613	100-4081

MAKE <sup>(51)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (52)	Replacement	
				Option 1	Option 2
<b>Swathers &amp; Windrowers</b>					
1967-63 34, 44	1	500		8C-3617	—
1977-76 655	24	280		153-5656	3T-5857
1982-78 775	24	280		153-5656	3T-5857
1987-83 885- Gas	24	380		153-5656	3T-5857
1987-83 885- Diesel	74	520		369-9957	7X-6100
	78	600		369-9957	7X-6100
2011-05 MF 9220	31T	950		354-3613	100-4081
2011-06 MF 9225	31T	950		354-3613	100-4081
2007-05 MF 9420	31T	950	15	354-3613	100-4081
2006 MF 9425	31T	950	15	354-3613	100-4081
2011-08 MF 9430	31T	950	15	354-3613	100-4081
2011-07 MF 9435	31T	950	15	354-3613	100-4081
2011-06 MF 9635	31T	950	15	354-3613	100-4081
2014-11 WF 9725, WF 9735	31T	950	15	354-3613	100-4081
2014-11 WF 9740, WF 9760	31T	950	15	354-3613	100-4081
2014-11 WF 9770	31T	950	15	354-3613	100-4081
<b>Olive Harvesters</b>					
2002 930 R	25	660		—	—
2007-03 930 R, 9800 R	25	660	27	—	—
2008-02 930, 9800 R	25	660		—	—
<b>Tractors</b>					
2005 MF 1205- 4	24	585		153-5656	3T-5857
2005 MF 1215- 2/4	24	585		153-5656	3T-5857
2005 MF 1225- 2/4	24	585		153-5656	3T-5857
2005 MF 1230- 2/4	24	585		153-5656	3T-5857
2005 MF 1233- 2/4	24	585		153-5656	3T-5857
2005 MF 1235- 4	24	585		153-5656	3T-5857
2005 MF 1250- 2/4	24	675		127-0826	—
2005 MF 1260- 4	24	675		127-0826	—
2005 MF 1417- 4	27	675		8C-3601	127-0826
2005 MF 1423- 4	27	675		8C-3601	127-0826
2005 MF 1428- 2/4	27	675		8C-3601	127-0826
2005 MF 1429- 4	27	675		8C-3601	127-0826
2005 MF 1433- 4	27	675	15,17	8C-3601	127-0826
2005 MF 1433v- 4	27	675	15	8C-3601	127-0826
2005 MF 1440v- 4	27	675		8C-3601	127-0826
2005 MF 1455- 4	24	700		127-0826	—
<b>Utility/Compact Tractor</b>					
2005 1165	27	675		8C-3601	127-0826
2005 GC 2300	24	700		127-0826	—
1986-82 MF 1010	29NF	300		—	—
1986-82 MF 1010- Standard	29NF	300		—	—
1986-79 MF 1020- Standard	24	470		153-5656	3T-5857
1986-79 MF 1020, MF 1030	24	465		153-5656	3T-5857
1986-79 MF 1030- Standard	24	470		153-5656	3T-5857
1986-79 MF 1040- Standard	24	470		153-5656	3T-5857
1986-79 MF 1040, MF 205	24	465		153-5656	3T-5857
2007-06 MF 1400 Series	NA	NA		—	—

51 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

# Farm Equipment

MAKE <sup>(53)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (54)	Replacement	
				Option 1	Option 2
2007-06 MF 1500 Series	NA	NA		—	—
1986-79 MF 210, MF 220	24	465		153-5656	3T-5857
2007-06 MF GC	24	700		127-0826	—
<b>Wheel Tractors</b>					
2005 1200 Series, MF 1205	24	585		153-5656	3T-5857
1958-56 202 Work Bull	24	375		153-5656	3T-5857
1957-46 22, 30, Colt	1	525		8C-3617	
1959 303 Work Bull-Diesel	27	400		153-5656	8C-3601
1959 303 Work Bull- Gas	3EE	325		8C-3620	
1958-56 303 Work Bull	4	800	15	8C-3633	—
1955-49 33, 44- Diesel	4	800	15	8C-3633	—
1959-56 333G, 333K	24	375		153-5656	3T-5857
1959-56 333LP, 444LP, 555G	1	525	15	8C-3617	
1955-52 33G, 33K, 44 Spl G	1	525		8C-3617	
1959-55 35 Spl, F-40 TO 35	24	375		153-5656	3T-5857
2007-06 400 LP Series	NA	NA		—	—
1959-56 404 Work Bull, 444G	60	325		3T-5857 {29}	3T-5858 {29}
2005 4300 Series Low Profile	34	710	15	127-0826	430-5997
2004-02 4300 Series Low Profile	24	800	15	127-0826	—
1955-52 44 Spl K, 44G, 44K	1	525		8C-3617	
1955-49 44 Spl.- Diesel	4	800	15	8C-3633	—
1959-56 444K	60	325		3T-5857 {29}	3T-5858 {29}
1959-56 555- Diesel	7D	900		8C-3633	—
1959-56 555K, 555LP	1	525	15	8C-3617	—
1955-49 55DS, 55LP	7D	900	147	8C-3633	—
2004-02 6200 Series	24	800	15	127-0826	—
2004-02 8200 Series	24	800	15	127-0826	—
1959-56 FE-35	4	800	15	8C-3633	—
1978-62 MF 1080, MF 1100	30H	580	147	8C-3627	430-5996
1977-72 MF 1085- Diesel	30H	500	15	8C-3627	430-5996
1978-62 MF 1105, MF 1130	30H	580	147	8C-3627	430-5996
1977-72 MF 1135- Diesel	30H	500	15	8C-3627	430-5996
1978-62 MF 1150, MF 1155	30H	580	147	8C-3627	430-5996
2005 MF 1215, MF 1225	24	585		153-5656	3T-5857
1998-91 MF 1230	24	585		153-5656	3T-5857
1989-80 MF 1230	24	585		153-5656	3T-5857
2005 MF 1230, MF 1233	24	585		153-5656	3T-5857
2005 MF 1235, MF 2315	24	585		153-5656	3T-5857
2005 MF 1250, MF 1260	24	675		127-0826	—
1976-65 MF 130- Diesel	30H	540		8C-3627	430-5996

MAKE <sup>(53)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (54)	Replacement	
				Option 1	Option 2
1976-64 MF 135- Live PTO	24	465		153-5656	3T-5857
1976-64 MF 135- Diesel w/ Independent PTO	30H	540		8C-3627	430-5996
2005 MF 1417	27	675		8C-3601	127-0826
2005 MF 1423- 4WD	27	675		8C-3601	127-0826
2005 MF 1428	27	675		8C-3601	127-0826
2005 MF 1429, MF 1433-4WD	27	675		8C-3601	127-0826
2005 MF 1433v- 4WD	27	675		8C-3601	127-0826
2005 MF 1440	27	675		8C-3601	127-0826
2005 MF 1440v- 4WD	27	675		8C-3601	127-0826
2005 MF 1455- 4WD	24	700		127-0826	—
1976-64 MF 150- Live PTO	24	465		153-5656	3T-5857
1976-64 MF 150- Diesel w/ Independent PTO	30H	540		8C-3627	430-5996
1978-62 MF 1500, MF 1505	30H	580	147	8C-3627	430-5996
1980 MF 154-4	27	580		153-5656	8C-3601
1976-64 MF 165- Diesel	24	465		153-5656	3T-5857
1976-64 MF 165- Gas & LPG	24	465		153-5656	3T-5857
1976 MF 165- Gas	30H	510		8C-3627	430-5996
1975 MF 165- Diesel	24	465		153-5656	3T-5857
1976-64 MF 175- Diesel	24	465		153-5656	3T-5857
1976-64 MF 175- Gas & LPG	24	465		153-5656	3T-5857
1976 MF 175- Diesel	30H	580		8C-3627	430-5996
1976-64 MF 180- Diesel	24	465		153-5656	3T-5857
1978-62 MF 1800, MF 1805	30H	580	147	8C-3627	430-5996
1980-61 MF 184, MF 203	30H	500		8C-3627	430-5996
1980-78 MF 184-4	30H	580		8C-3627	430-5996
1976-59 MF 20	24	375		153-5656	3T-5857
1969-59 MF 202, MF 204	24	375		153-5656	3T-5857
1980-61 MF 205, MF 302	30H	500		8C-3627	430-5996
1970-64 MF 2135 & Turf Spl.	24	375		153-5656	3T-5857
2005 MF 220XL	24	700		127-0826	—
1986-75 MF 230	24	470		153-5656	3T-5857
2005 MF 2315- 2WD	24	585		153-5656	3T-5857
1982-75 MF 235, MF 245	30H	580		8C-3627	430-5996
1998-75 MF 240, MF 250	24	545		153-5656	3T-5857
2004-02 MF 243, MF 251XE	27F	575		8C-3602	3T-5858
2000-97 MF 243, MF 263	27F	575		8C-3602	3T-5858
1976 MF 245- Diesel or Opt Gas	24	470		153-5656	3T-5857
	30H	580		8C-3627	430-5996
1976-60 MF 25, MF 30- Diesel	30H	580		8C-3627	430-5996
2004-02 MF 251XE- 2/4WD	27F	575		8C-3602	3T-5858

53 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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54 See page 413 for further description.

# Farm Equipment

MAKE <sup>(55)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (56)	Replacement		MAKE <sup>(55)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (56)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1986-81 MF 254, MF 274	27	580		153-5656	8C-3601	2005 MF 3340 GE	49	750		307-0751	—
1982 MF 255 - Diesel	30H	580		8C-3627	430-5996	2005 MF 3340 V	49	750		307-0751	—
1982-78 MF 255, MF 265 - Diesel	24	465	15	153-5656	3T-5857	2005 MF 3350 F - 4WD	49	750		307-0751	—
	4D	775		9X-9721		2005 MF 3350 GE - 4WD	49	750		307-0751	—
2004-02 MF 263, MF 27XE	27F	575		8C-3602	3T-5858	2005 MF 3355 F - 4WD	49	750		307-0751	—
1983-82 MF 2640 - Diesel	27	580	15	153-5656	8C-3601	2005 MF 3355 GE - 4WD	49	750		307-0751	—
1982-77 MF 2675, MF 2705	27	580	15	153-5656	8C-3601	1986-84 MF 3505, MF 3525	27	580	15	153-5656	8C-3601
1982-76 MF 2675, MF 2705	30H	580	15	8C-3627	430-5996	1986-84 MF 3545	27	580	15	153-5656	8C-3601
1986-83 MF 270	24	465	15	153-5656	3T-5857	1974-62 MF 356	30H	540	15	8C-3627	430-5996
1986-83 MF 270, MF 290	24	470	15	153-5656	3T-5857	2000-95 MF 394F, MF 394S	24	200		153-5656	3T-5857
1982-77 MF 2745	27	580	15	153-5656	8C-3601	24	500	525		153-5656	3T-5857
1982-76 MF 2745, MF 2775	30H	580	15	8C-3627	430-5996	2007-06 MF 400	NA	NA		8C-3617	
1983-76 MF 275, MF 285 - Diesel	24	470	15	153-5656	3T-5857	2000-97 MF 4270	24	590	15	—	—
	4D	775		9X-9721		2002 2000 R, 9000 R	25	660	15	153-5656	3T-5857
1983-75 MF 275, MF 285 - Diesel	4D	950		9X-9721		2005 MF 4325, MF 4335	34	710	15	127-0826	430-5997
1982-77 MF 2775 - Diesel	27	580	15	153-5656	8C-3601	2005 MF 4345	34	710	15	127-0826	430-5997
2004-02 MF 27XE - 2/4WD	27F	575		8C-3602	3T-5858	2005-02 MF 4355 - 2/4WD	34	800	15,158	127-0826	—
1982-76 MF 2805 - Diesel	27	580	15	153-5656	8C-3601	2005-02 MF 4360 - 2/4WD	34	800	15,158	127-0826	—
	30H	580	15	8C-3627	430-5996	2004-02 MF 4360 2/4	34	800	15,158	127-0826	—
2004-02 MF 281XE - 4WD	27F	575		8C-3602	3T-5858	2005-02 MF 4370 - 2/4WD	34	800	15,158	127-0826	—
1986-81 MF 294	27	580		153-5656	8C-3601	1970-69 MF 44	8D	1000		153-5720	628-8824
1986-83 MF 298	24	525	15	153-5656	3T-5857	2004-02 MF 451, MF 471	27F	575		8C-3602	3T-5858
1976-59 MF 30, MF 35 - Gas	24	375		153-5656	3T-5857	2004-02 MF 4781, MF 481	27F	575		8C-3602	3T-5858
1980-61 MF 304	30H	500		8C-3627	430-5996	1986-78 MF 4800, MF 4840	24	520	15	153-5656	3T-5857
1969-62 MF 304 - Diesel	24	375	15	153-5656	3T-5857	1986-78 MF 4880, MF 4900	24	520	15	153-5656	3T-5857
1976-60 MF 31, MF 35 - Diesel	30H	580		8C-3627	430-5996	1976-68 MF 50 - Gas	30H	580	147	8C-3627	430-5996
1969-64 MF 3165 & Turf Spl - Gas	24	375		153-5656	3T-5857	1964-62 MF 50 - Gas & LPG	24	465		153-5656	3T-5857
1969-64 MF 3165 & Turf Spl - Diesel	30H	500		8C-3627	430-5996	1964-62 MF 50 - Diesel	30H	540		8C-3627	430-5996
1999-98 MF 3245, MF 3260	24	600	15	153-5656	3T-5857	1961-51 MF 50	24	465		153-5656	3T-5857
1999-98 MF 3270, MF 3280	24	600	15	153-5656	3T-5857	2009-96 8000	25	660		—	—
1976-68 MF 33, MF 40	30H	580	147	8C-3627	430-5996	2004-02 8000 R	25	660		—	—
2005 MF 3315 GE - 4WD	49	750		307-0751	—	1961-51 MF 50	24	465		153-5656	3T-5857
2005 MF 3315 S - 4WD	49	750		307-0751	—	1961-51 MF 50	24	465		153-5656	3T-5857
2005 MF 3315 V - 4WD	49	750		307-0751	—	1961-51 MF 50	24	465		153-5656	3T-5857
2005 MF 3330 GE	49	750		307-0751	—	1976-69 MF 50, MF 50A - Diesel	24	375	15	153-5656	3T-5857
2005 MF 3330 S, MF 3330V	49	750		307-0751	—	2006 MF 5400 Series	24	800	15	—	—
2005 MF 3340 F	49	750		307-0751	—	2006 MF 5400SA Series	24	800		127-0826	—
						1970-68 MF 55	4D	900	15	9X-9721	
						1999-95 MF 6170, MF 6180	48	660	15,161	430-5993	430-6001
							48	660	15,22	430-5993	430-6001
						2006-99 MF 6255, MF 6260	48	510	15,161	430-5993	430-6001
						2005-99 MF 6255, MF 6260	48	510	15,22	430-5993	430-6001
						2006-99 MF 6265, MF 6270	48	510	15,161	430-5993	430-6001
							48	510	15,22	430-5993	430-6001
						2006-99 MF 6280, MF 6290	48	510	15,161	430-5993	430-6001

55 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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56 See page 413 for further description.

# Farm Equipment

MAKE <sup>(57)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (58)	Replacement	
				Option 1	Option 2
	48	510	15,22	430-5993	430-6001
2006 MF 6400 Series	24	800		127-0826	—
1964-58 MF 65- Gas & LPG	24	465		153-5656	3T-5857
1961-59 MF 65- Diesel	3	675	15	8C-3629	—
1986-83 MF 670, MF 690	24	470	15	153-5656	3T-5857
1986-83 MF 698, MF 699	24	545	15	153-5656	3T-5857
1976-69 MF 70	30H	500	15	8C-3627	430-5996
2006 MF 7400 Series	24	800		127-0826	—
2013-12 MF 7619, MF 7620	48	730	15	430-5993	—
2013-12 MF 7622, MF 7624	48	730	15	430-5993	—
1976-69 MF 80- Diesel	30H	500	15	8C-3627	430-5996
2000-98 MF 8080	24	600	15	153-5656	3T-5857
1999-95 MF 8120	48	660	15,22	430-5993	430-6001
2006-99 MF 8220- 2WD	31T	800	15	354-3613	100-4081
2014-99 MF 8240, MF 8250-2WD	24	800	15	127-0826	—
2004-02 MF 8245- 2WD	24	800	15	127-0826	—
2014-99 MF 8260, MF 8270-2WD	24	800	15	127-0826	—
2014-99 MF 8280- 2WD	24	600	15	153-5656	3T-5857
2007-06 MF 8400 Series	24	800		127-0826	—
1961-59 MF 85- Gas & LPG	24	375		153-5656	3T-5857
1961-59 MF 85, MF 88-Diesel	5D	850	15	8C-3633	—
2013-12 MF 8650, MF 8660	49	730	15	307-0751	—
2013-12 MF 8670, MF 8690	49	730	15	307-0751	—
2013 MF 8680	31T	800	15	354-3613	100-4081
2012 MF 8680	49	730	15	307-0751	—
2011-02 MF 8680	31T	800	15	354-3613	100-4081
2004-02 MF 8780	31T	800	15	354-3613	100-4081
1998-93 MF 8785	48	660	15,22	430-5993	430-6001
1961-59 MF 88- Gas & LPG	24	375		153-5656	3T-5857
1965-62 MF 90- Gas & LPG	24	465		153-5656	3T-5857
1965-62 MF 90, MF 90WR-Diesel	30H	580	15	8C-3627	430-5996
1965-62 MF 90WR-Gas & LPG	24	465		153-5656	3T-5857
1964-59 MF 95, MF 97	3EE	325	177	8C-3620	—
2005-02 MF 9690, MF 9790	31T	800	15	354-3613	100-4081
2007-06 MF5400 Series	24	800		127-0826	—
2007-06 MF5400SA Series	24	800		127-0826	—
2007-06 MF6400 Series	24	800		127-0826	—
2007-06 MF7400 Series	24	800		127-0826	—
2007-06 MF8400 Series	24	800		127-0826	—
1957-46 Mustang	1	525		8C-3617	—
1954-31 TO 30	1	525		8C-3617	—
1959 TO 35- Diesel	4	800	15	8C-3633	—

MAKE <sup>(57)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (58)	Replacement	
				Option 1	Option 2
<b>Ferguson Brand</b>					
1957-55 F-40TO-35	24	325		153-5656	3T-5857
1954-52 TO-30	1	525		8C-3617	—
<b>MELROE COMPANY</b>					
<b>Formerly CLARK EQUIPMENT CO. INGERSOLL-RAND</b>					
1992-87 T116	55	380		8C-3611	—
1992 T116D- Diesel	55	380		8C-3611	—
1992-87 T135, T136	70	405		7X-6100 {32}	7X-6100 {32}
<b>Feller Buncher</b>					
1986-79 1080, 1080C	27	410	15	153-5656	8C-3601
1986-85 1213	31A	700		430-5996	127-0826 {29}
<b>Spray Coupe</b>					
1995-76 220	24	400		153-5656	3T-5857
1995-76 220- Gas	24	400		153-5656	3T-5857
2000-96 3000, 320	26	500		8C-3600	250-0489 {32}
1995-93 3000, 320, 322-Diesel	26	500		153-5656	3T-5857
1995-93 3000, 320, 322- Gas	26	500		8C-3600	250-0489 {32}
2000-96 320- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 322, 325- Diesel	26	500		8C-3600	250-0489 {32}
2000-96 322, 325, 328, 331	26	500		8C-3600	250-0489 {32}
2000-93 325- Gas	26	500		8C-3600	250-0489 {32}
1993 325- Diesel	24	575		153-5656	3T-5857
2000-93 328- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 328- Gas	26	500		8C-3600	250-0489 {32}
1995-93 328, 331, 337- Diesel	24	575	520	153-5656	3T-5857
2000-93 331- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 331- Gas	26	500		8C-3600	250-0489 {32}
2000-96 337	26	500		8C-3600	250-0489 {32}
2000-93 337- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 337- Gas	26	500		8C-3600	250-0489 {32}
2000-96 3640	30H	475		8C-3627	430-5996
1996 3640	30H	750		430-5996	—
<b>Wheel Tractors</b>					
2000-99 864	24	600		153-5656	3T-5857

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58 See page 413 for further description.

# Farm Equipment

MAKE <sup>(59)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (60)	Replacement	
				Option 1	Option 2
1998-96 864	31T	950		354-3613	100-4081
2000-99 963- Diesel	24	600		153-5656	3T-5857
1998-97 963- Diesel	31T	950		354-3613	100-4081
1992-87 T116- Gas	55	380		8C-3611	—
1992 T116D- Diesel	55	380		8C-3611	—
1992-87 T135- Gas	70	405		7X-6100 {32}	250-0489 {32}
1992-88 T136- Gas	70	405		7X-6100 {32}	250-0489 {32}
<b>MINNEAPOLIS-MOLINE</b>					
See WHITE-NEW IDEA DIVISION					
<b>Balers &amp; Combines</b>					
1965-62 2890, 3490- Diesel	44	790	15	430-6006	—
1965-62 3496, 4290- Diesel	44	790	15	430-6006	—
1965-62 4292, 4296- Diesel	44	790	15	430-6006	—
<b>NELSON MANUFACTURING COMPANY</b>					
<b>Specialty Cultivating Equipment</b>					
2017-06 Tree Squirrel Pruning Tower	24	650		153-5656	3T-5857
<b>OLIVER-WHITE</b>					
<b>Self-Propelled Combines</b>					
1966 535, 545- Diesel	4	790	15	8C-3633	—
1967-61 All	24	315		153-5656	3T-5857
<b>Wheel Tractors</b>					
1968-65 1250	24	400	15	153-5656	3T-5857
1975 1265, 1365	3EH	830	15	8C-3632	—
1968-67 1450	2E	500	15	8C-3632 {30}	—
1969-60 1550 thru 1900- Diesel	5D	850	15	8C-3633	—
1969-60 1550 thru 1900- Gas	60	400		3T-5857 {29}	3T-5858 {29}
1968-64 1950- Diesel	4	800	15	8C-3633	—
1968-67 1950T- Diesel	30H	500		8C-3627	430-5996
1962-59 440	1	550		8C-3617	—
1968-58 550, 660- Diesel	1	550	15	8C-3617	—
1968-58 550, 660- Gas	60	400		3T-5857 {29}	3T-5858 {29}
1958-57 66, 77 & 88- Gas & LPG	60	400		3T-5857 {29}	3T-5858 {29}
1968-58 770, 880- Diesel	2	600	15	8C-3629	8C-3617
1968-58 770, 880- Gas & LPG	60	400		3T-5857 {29}	3T-5858 {29}
1954-47 88	1	550	147	8C-3617	—
1957-37 90, 99- Diesel	1	550	15	8C-3617	—
1957-37 90, 99- Gas	2	600		8C-3629	8C-3617
1961-58 950- Gas	27	450		153-5656	8C-3601
1961-58 950- Diesel	3	650		8C-3629	8C-3617
1959 TO 35- Diesel	4	800	15	8C-3633	—

MAKE <sup>(57)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (58)	Replacement	
				Option 1	Option 2
<b>Ferguson Brand</b>					
1957-55 F-40 TO-35	24	325		153-5656	3T-5857
1954-52 TO-30	1	525		8C-3617	—
<b>MELROE COMPANY</b>					
<b>Formerly CLARK EQUIPMENT CO. INGERSOLL-RAND</b>					
1992-87 T116	55	380		8C-3611	—
1992 T116D- Diesel	55	380		8C-3611	—
1992-87 T135, T136	70	405		7X-6100 {32}	7X-6100 {32}
<b>Feller Buncher</b>					
1986-79 1080, 1080C	27	410	15	153-5656	8C-3601
1986-85 1213	31A	700		430-5996	127-0826 {29}
<b>Spray Coupe</b>					
1995-76 220	24	400		153-5656	3T-5857
1995-76 220- Gas	24	400		153-5656	3T-5857
2000-96 3000, 320	26	500		8C-3600	250-0489 {32}
1995-93 3000, 320, 322- Diesel	26	500		153-5656	3T-5857
1995-93 3000, 320, 322- Gas	26	500		8C-3600	250-0489 {32}
2000-96 320- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 322, 325- Diesel	26	500		8C-3600	250-0489 {32}
2000-96 322, 325, 328, 331	26	500		8C-3600	250-0489 {32}
2000-93 325- Gas	26	500		8C-3600	250-0489 {32}
1993 325- Diesel	24	575		153-5656	3T-5857
2000-93 328- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 328- Gas	26	500		8C-3600	250-0489 {32}
1995-93 328, 331, 337- Diesel	24	575	520	153-5656	3T-5857
2000-93 331- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 331- Gas	26	500		8C-3600	250-0489 {32}
2000-96 337	26	500		8C-3600	250-0489 {32}
2000-93 337- Diesel	26	500		8C-3600	250-0489 {32}
2000-93 337- Gas	26	500		8C-3600	250-0489 {32}
2000-96 3640	30H	475		8C-3627	430-5996
1996 3640	30H	750		430-5996	—
<b>Wheel Tractors</b>					
2000-99 864	24	600		153-5656	3T-5857

**59 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

60 See page 413 for further description.



# Farm Equipment

MAKE <sup>(61)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (62)	Replacement	
				Option 1	Option 2
2017-08 PR240 Pruning Tower	24	550		153-5656	3T-5857
2017-08 PR300 Pruning Tower	24	550		153-5656	3T-5857
<b>RANDALL CO.</b>					
<b>Sprayers</b>					
1983-80 RW11	31T	750		3T-5760	8C-3628
1983-80 RW5	24	400		153-5656	3T-5857
<b>REARS, INC.</b>					
1983-80 6068T	65	875		230-6368	9X-5408
<b>ROTOMIX</b>					
<b>Vertical Feedmixers</b>					
1983-80 455, 855	24	460		153-5656	3T-5857
<b>SEAMAN CORP.</b>					
<b>Wheel Tractors</b>					
1959-41 All models- Diesel	4	750	15	8C-3633	—
<b>SHEPPARD</b>					
1958-52 SD-2, SD-3, SDHI-2	4	750	15	8C-3633	—
1962-59 SD-3	7D	850	15	8C-3633	—
1962-59 SD-4 (62 thru 54)	7D	850	15	8C-3633	—
1958-52 SDHI-3, SDI-2, SDI-3	4	750	15	8C-3633	—
<b>SMITHCO</b>					
<b>Self Propelled Sprayers</b>					
2013-08 Spray Star 1002	24F	575		3T-5858	250-0487
2013-08 Spray Star 1008	24F	575		3T-5858	250-0487
2013-08 Spray Star 1010	24F	575		3T-5858	250-0487
2013-08 Spray Star 1602	24F	575		3T-5858	250-0487
2013-08 Spray Star 1604	24F	575		3T-5858	250-0487
2013-08 Spray Star 1610	24F	575		3T-5858	250-0487
2013-08 Spray Star 1752	24F	900		—	—
2013-08 Spray Star 1752D	24F	900		—	—
2013-08 Spray Star 1754	24F	900		—	—
2013-08 Spray Star 3182	24F	900		—	—
<b>STEIGER TRACTOR, INC.</b>					
<b>Additional equipment is listed in the Industrial, Road and Miscellaneous Equipment section</b>					
<b>Farm Tractors</b>					
2005-00 STX275, STX325-4WD	31T	660		3T-5760	8C-3628
2007-06 STX280, STX330-4WD	31T	660		3T-5760	8C-3628
2005-00 STX375-4WD	31T	660		3T-5760	8C-3628
2005-01 STX375 Quadtrac	31T	660		3T-5760	8C-3628
2007-06 STX380-4WD	31T	660		3T-5760	8C-3628
2007-06 STX380 Quadtrac	31T	660		3T-5760	8C-3628
2005-01 STX425-4WD	31T	660		3T-5760	8C-3628
2005-01 STX425 Quadtrac	31T	660		3T-5760	8C-3628

MAKE <sup>(61)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (62)	Replacement	
				Option 1	Option 2
<b>Ferguson Brand</b>					
2007-06 STX430-4WD	31T	660		3T-5760	8C-3628
2007-06 STX430 Quadtrac	31T	660		3T-5760	8C-3628
2001-00 STX440	31T	660		3T-5760	8C-3628
2005-01 STX450-4WD	31T	660		3T-5760	8C-3628
2005-01 STX450 Quadtrac	31T	660		3T-5760	8C-3628
2007-06 STX480-4WD	31T	660		3T-5760	8C-3628
2007-06 STX480 Quadtrac	31T	660		3T-5760	8C-3628
2005-04 STX500-4WD	31T	660		3T-5760	8C-3628
2005-04 STX500 Quadtrac	31T	660		3T-5760	8C-3628
2007-06 STX530-4WD	31T	660		3T-5760	8C-3628
2007-06 STX530 Quadtrac	31T	660		3T-5760	8C-3628
1976 Super Wildcat II	8D	815		153-5656	3T-5857
<b>Tracked Ag Tractors</b>					
2013-11 350, 400, 450	4DLT	1000	15	153-5700 {30}	{30}
2013-11 450 Quadtrac, 500	4DLT	1000	15	153-5700 {30}	{30}
2013-11 500 Quadtrac, 550	4DLT	1000	15	153-5700 {30}	{30}
2013-11 550 Quadtrac, 600	4DLT	1000	15	153-5700 {30}	{30}
2013-11 600 Quadtrac	4DLT	1000	15	153-5700 {30}	{30}
<b>Wheel Tractors</b>					
2011-07 335, 385, 435-4WD	4DLT	1000	15	153-5700 {30}	{30}
2011-07 485, 535-4WD	4DLT	1000	15	153-5700 {30}	{30}
1987-79 Bearcat 1000 P/S	31T	625	179	175-4370	8C-3628
1981-74 Bearcat II	8D	815		153-5720	628-8824
1987-79 Bearcat III	31T	625	179	175-4370	8C-3628
1983-79 Bearcat III	31T	475	173	175-4370	8C-3628
1983-76 Bearcat III	8D	815	15	153-5720	628-8824
1986-83 CM-225, CM-250	31T	625	181	175-4370	8C-3628
1986-83 CM-280, CM-325	31T	625	181	175-4370	8C-3628
1986-83 CM-360	31T	625	181	175-4370	8C-3628
1987-82 CP-1325- Panther	31T	625	173	175-4370	8C-3628
1987-82 CP-1360- Panther	31T	625	173	175-4370	8C-3628
1987-82 CP-1400- Panther	31T	625	173	175-4370	8C-3628
1986-85 CR-1225- Cougar	31T	625	181	175-4370	8C-3628
1986-85 CR-1280- Cougar	31T	625	181	175-4370	8C-3628
1986-83 CS-280, KS-280	31T	475	173	175-4370	8C-3628
1987-86 Cougar 1000 P/S	31T	625	179	175-4370	8C-3628
1983-76 Cougar II	8D	815	15	153-5720	628-8824
1983-79 Cougar III- Cougar	31T	475	173	175-4370	8C-3628
1983-76 Cougar III- Cougar	8D	815	15	153-5720	628-8824
1987-83 KM-280, KM-325	31T	625	181	175-4370	8C-3628

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62 See page 413 for further description.

# Farm Equipment

MAKE <sup>(63)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (64)	Replacement	
				Option 1	Option 2
1987-83 KM-360, KP-525	31T	625	181	175-4370	8C-3628
1987-82 KP-1325- Panther	31T	625	173	175-4370	8C-3628
1987-82 KP-1360- Panther	31T	625	173	175-4370	8C-3628
1987-82 KP-1400- Panther	31T	625	173	175-4370	8C-3628
1986-85 KR-1225- Cougar	31T	625	181	175-4370	8C-3628
1986-85 KR-1280- Cougar	31T	625	181	175-4370	8C-3628
1986-85 KR-1285	31T	625	181	175-4370	8C-3628
1987-86 Lion 1000 P/S	31T	625	173	175-4370	8C-3628
1987-86 Lion, Panther, Puma	31T	625	179	175-4370	8C-3628
1982-77 PT-225 Bearcat	31T	475	173	175-4370	8C-3628
1982-77 PT-225 Bobcat	31T	475	173	175-4370	8C-3628
1982-77 PT-270- Cougar	31T	475	173	175-4370	8C-3628
1982-77 PT-350- Panther	31T	475	173	175-4370	8C-3628
1983-80 PTA-270- Cougar	31T	475	173	175-4370	8C-3628
1983-80 PTA-280- Cougar	31T	475	173	175-4370	8C-3628
1983-78 PTA-297- Panther	31T	475	173	175-4370	8C-3628
1983-78 PTA-310- Panther	31T	475	173	175-4370	8C-3628
1983-78 PTA-325- Panther	31T	475	173	175-4370	8C-3628
1987-86 Panther 1000 P/S-Panther	31T	625	173	175-4370	8C-3628
1983-76 Panther II	8D	815	15	153-5720	628-8824
1983-79 Panther III- Panther	31T	625	173	175-4370	8C-3628
1983-76 Panther III	8D	815	15	153-5720	628-8824
1987-86 Puma 1000 P/S	31T	625	15	175-4370	8C-3628
1983-77 ST-450, ST-470-Tiger	31T	625	15	175-4370	8C-3628
1976-74 Turbo Tiger II	8D	815	15	153-5720	628-8824
1987-86 Wildcat 1000 P/S	31T	625	179	175-4370	8C-3628
1987 Wildcat 1000 P/S	31T	625	15	175-4370	8C-3628
1981-74 Wildcat III	8D	815		153-5720	628-8824
<b>STEINER</b>					
<b>Utility/Compact Tractor</b>					
2008-06 230, 415, 430MAX	26	650		—	—
2017-09 235D	85	620		—	—
2013-09 235G	26	525		8C-3600	250-0489 {32}
2017-12 440-25KDL	85	620		—	—
2017-12 440-32KGL	26	630		8C-3600	250-0489 {32}
2013-12 440-34KO	26	525		8C-3600	250-0489 {32}
2017-12 440-40KO	26	525		8C-3600	250-0489 {32}
2008-06 525, UM428	26	650		—	—

MAKE <sup>(63)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (64)	Replacement	
				Option 1	Option 2
<b>TERRATRAC</b>					
<b>For 1960 and later see ALLIS-CHALMERS</b>					
<b>Wheel Tractors</b>					
1959-58 420B		24 400		153-5656	3T-5857
<b>TRACKOMOTIVE</b>					
<b>For 1960 and later see ALLIS-CHALMERS</b>					
1959-51 TL-10, TL-11, TL-12		1 500		8C-3617	—
1959-55 TL-11D, TL-12D		4 650	15	8C-3633	—
1959-57 TL-14, TL-14D, TL-16 4D		700 410	147	9X-9721	
1959-57 TL-16D, TL-20D		4D 700	147	9X-9721	
1959-51 TL-6		1 500		8C-3617	—
1959-55 TL-6D		4 650	15	8C-3633	—
<b>TROJAN</b>					
1959-57 104, 154		27 500		153-5656	8C-3601
1959-53 104-D, 154-D, LA-40D		4D 700		9X-9721	
1956-54 DLH-75		4 750		8C-3633	—
1959-53 LA-40, LC-100		3 550		8C-3629	8C-3617
1954-52 LC-100, LMD-75		2 500		8C-3629	8C-3617
1959-53 LC-100B, LCM-100		3 550		8C-3629	8C-3617
1959-53 LC-100D, LT-400D		4D 700		9X-9721	
1956-51 LH-75, LM-75, LT-400		3 550		8C-3629	8C-3617
<b>VERSA, INC.</b>					
<b>Baggers &amp; Choppers</b>					
1959-57 1012, 910		31T 625	179	175-4370	8C-3628
2004 891		31T 625	15	175-4370	8C-3628
<b>VERSATILE, INC.</b>					
<b>FORD-NEW HOLLAND CANADA LTD. See also FORD NEW HOLLAND</b>					
<b>Self Propelled Sprayers</b>					
2017-11 SX275		31T 950	15	354-3613	100-4081
<b>Swathers</b>					
2016-08 400- 4WD		31T 950	181	354-3613	100-4081
1986-76 400- Gas		24 300		153-5656	3T-5857
1986-75 400		24 525	15	153-5656	3T-5857
1986-78 4400- Gas		24 300		153-5656	3T-5857
1986-78 4400- Diesel		24 525	15	153-5656	3T-5857
1977-75 4400		24 525	15	153-5656	3T-5857
1990-86 4700, 4750		31T 625		175-4370	8C-3628
<b>Wheel Tractors</b>					
1992-84 1150, 1156, 836, 846		31T 625	173	175-4370	8C-3628
1981-77 150		74 455		369-9957	7X-6100
1983-82 160		24 525	15	153-5656	3T-5857
2013-10 190, 220, 305		31T 950	181	354-3613	100-4081
2013-08 250, 280		31T 950	181	354-3613	100-4081
1992-84 256- Cummins Diesel		31T 625	15	175-4370	8C-3628

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64 See page 413 for further description.



# Farm Equipment

MAKE <sup>(65)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (66)	Replacement	
				Option 1	Option 2
2017 260, 290, 310	31T	950	15	354-3613	100-4081
1992-84 276- Cummins Diesel	31T	625	15	175-4370	8C-3628
1992-89 276II- Ford engine	31T	850		354-3613	100-4081
1992-84 276II- Cummins Diesel	31T	625	15	175-4370	8C-3628
1984-72 300, 500, 555, 700	8D	900	15	153-5720	628-8824
2011-08 305, 340- 4WD	31T	950	181	354-3613	100-4081
2014-12 350, 500, 550- 4WD	31T	950	181	354-3613	100-4081
2017-08 375- 4WD	31T	950	181	354-3613	100-4081
2017 400, 4550, 500- 4WD	31T	950	181	354-3613	100-4081
2013-12 450- 4WD	31T	950	181	354-3613	100-4081
2016-15 500, 550- 4WD			181	354-3613	100-4081
2017 550- 4WD	31T	950	181	354-3613	100-4081
1999-90 744	4DLT	750		153-5700 {30}	8C-3622
1984-72 750, 800, 825, 835	8D	900	15	153-5720	628-8824
1992-84 756, 9030	31T	625	15	175-4370	8C-3628
1984-72 850, 855, 875, 895	8D	900	15	153-5720	628-8824
1992-84 856, 876, 936, 946	31T	625	173	175-4370	8C-3628
1984-72 900, 935, 945, 950	8D	900	15	153-5720	628-8824
1992 9030, 946	31T	625	179	175-4370	8C-3628
1984-72 955, 975	8D	900	15	153-5720	628-8824
1992-84 956, 976	31T	625	179	175-4370	8C-3628
1972-70 D-145	8D	900		153-5720	628-8824
2013-08 HHT 435, HHT 485- 4WD	31T	950	181	354-3613	100-4081
2013-08 HHT 535- 4WD	31T	950	181	354-3613	100-4081
2013-10 HHT 575- 4WD	31T	950	181	354-3613	100-4081
1991 TW8030	4DLT	750		153-5700 {30}	8C-3622
<b>WEISS/MCNAIR, INC.</b>					
<b>Nut Harvesters</b>					
1990-86 8900	31A	700		430-5996	127-0826 {29}
1990-86 JD40	24F	550		3T-5858	250-0487
<b>WELDCRAFT, INC.</b>					
<b>Harvesters</b>					
1990-86 Bin Retriever	31A	725		430-5996	127-0826 {29}
1990-86 Nut Receiver	31A	725		430-5996	127-0826 {29}
<b>Shakers</b>					
1990-86 20- Optional	24F	525		3T-5858	250-0487
1990-86 20, 25 Treelift	24	525		153-5656	3T-5857
1990-86 25 Treelift- Optional	24F	525		3T-5858	250-0487
<b>WHITE-NEW IDEA DIVISION</b>					

MAKE <sup>(65)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (66)	Replacement	
				Option 1	Option 2
<b>AGCO CORPORATION</b>					
<b>Formerly WHITE FARM EQUIPMENT CO. &amp; AVCO NEW IDEA</b>					
<b>Articulated Wheel Tractors</b>					
1982-74 4-150, 4-180, 4-210	30H	645	15	8C-3627	430-5996
1990-79 4-175, 4-270- Turbo	31T	515	177	175-4370	8C-3628
1988-83 4-225- Turbo	30H	515	15	8C-3627	430-5996
<b>Balers &amp; Combines</b>					
1965-62 2890, 3490, 3496	24	315		153-5656	3T-5857
1965-62 4290, 4292, 4296	24	315		153-5656	3T-5857
1963-60 G12	60	315		3T-5857 {29}	3T-5857 {29}
<b>Power Units</b>					
1981-76 700	4D	800		9X-9721	
1976-75 703, 704	2	545	15	8C-3629	8C-3617
1975 705- Diesel	4D	760	15	9X-9721	
1975 706- Diesel	2	545	15	8C-3629	8C-3617
1982-76 706D, 707D, 708, 709	8D	935		153-5720	628-8824
1982-76 800, 801, 802	8D	935		153-5720	628-8824
1985-83 800A, 802A, 803A	31T	625	15	175-4370	8C-3628
1992-85 800C, 802C, 803C	31T	750	15	3T-5760	8C-3628
<b>Power Units</b>					
1959-57 1012, 910	31T	625	179	175-4370	8C-3628
2004 891	31T	625	15	175-4370	8C-3628
1959-57 1012, 910	31T	625	179	175-4370	8C-3628
1959-57 1012, 910	31T	625	179	175-4370	8C-3628
1959-57 1012, 910	31T	625	179	175-4370	8C-3628
2017-11 SX275	31T	950	15	354-3613	100-4081
1959-57 1012, 910	31T	625	179	175-4370	8C-3628
2016-08 400- 4WD	31T	950	181	354-3613	100-4081
<b>Self Propelled Combines</b>					
1985-75 5542, 7300- Gas	24	360		153-5656	3T-5857
1985-75 5542, 7300- Diesel	4	700	15	8C-3633	—
1978-75 8600, 8800- Gas	24	360		153-5656	3T-5857
1978-75 8600, 8800- Diesel	3EH	810	15	8C-3632	—
1985-78 8700, 8900, 8920	24F	500	15	3T-5858	250-0487
1985-79 9700, 9720	31T	480	181	175-4370	8C-3628
1993-92 W2500, W2600	24	580	15	153-5656	3T-5857
<b>Uni Harvesters</b>					
1993-85 800C, 802C, 803C	31T	750	15	3T-5760	8C-3628
<b>Wheel Tractors</b>					
1991-73 100, 120, 140, 160	30H	685	147	430-5996	—
1993-90 125, 145, 170, 195	24	580	15	153-5656	3T-5857
1976-71 1270, 1370, 1465	3EH	810	15	8C-3632	—
1976-71 1470	3EH	810	15	8C-3632	—
1991-73 185, 1870, 2270, 60	30H	685	147	430-5996	—
1987-75 2-105	3EH	830	15	8C-3632	—
1987-75 2-110- Turbo	3EH	830	15	8C-3632	—
1987-82 2-135- Turbo	30H	515		8C-3627	430-5996
1982-77 2-135, 2-155	30H	515	15	8C-3627	430-5996
1976-75 2-150	30H	575	15	8C-3627	430-5996
1987-82 2-155 Series 3- Turbo	30H	575		8C-3627	430-5996
1988-78 2-180	31T	515	15	153-5656	8C-3627
1986-82 2-180 Series 3	30H	515	15	8C-3627	430-5996
1984-79 2-30, 2-35	31T	515		153-5656	8C-3627

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66 See page 413 for further description.

# Farm Equipment

MAKE <sup>(67)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (68)	Replacement		MAKE <sup>(67)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (68)	Replacement	
				Option 1	Option 2					Option 1	Option 2
1988-80 2-32, 2-45, 2-55	27	530	147	153-5656	8C-3601	1976-73 G-1355, G-955	30H	575	15	8C-3627	430-5996
1981-76 2-50, 2-60	3EH	810	15	8C-3632	—	1973-72 G-350, G-450-Diesel	3EH	810		8C-3632	—
1988-80 2-62, 2-65, 2-75	27	530	147	153-5656	8C-3601	1964-62 G-705, G-706	3EE	350	181	8C-3620	—
1982-75 2-70	4	610	15	8C-3633	—	1965 G-707- Diesel, LPG	3EE	350	181	8C-3620	—
1987-75 2-85, 2-88	3EH	830	15	8C-3632	—	1965 G-708- Diesel, LPG	3EE	350	181	8C-3620	—
1960-56 335 Series	1	450		8C-3617	—	1974-71 G-750- Diesel	5D	725		8C-3633	—
1963-57 4 Star- Series, All models	3EE	350	177	8C-3620	—	1974-71 G-750- Gas & LPG	60	385		3T-5857 {29}	3T-5858 {29}
1959-56 445 Series	3EE	350		8C-3620	—	1974-71 G-850- Gas & LPG	60	385		3T-5857 {29}	3T-5858 {29}
1996-91 4650	48	470		430-5993	430-6001	1974-71 G-850, G-940- Diesel	3EH	830		8C-3620	—
1996-91 4660, 5680, 5760	49	470		307-0751	—	1969-67 G-900	30H	575	15	8C-3627	430-5996
1963-57 5 Star- Series, All models	3EE	350	177	8C-3620	—	1974-71 G-940- Gas & LPG	60	385		3T-5857 {29}	3T-5858 {29}
1966-60 500, 600	3EE	350	15	8C-3620	—	1972-69 G-950	30H	575	15	8C-3627	430-5996
1997-95 5550, 5650, 6045	49	470		307-0751	—	1962-59 G-VI- Diesel, LPG	3EE	350	181	8C-3620	—
1997-91 6065 ROPS, 6065C	49	470		307-0751	—	1959-48 GB, GBD	3EE	350	177	8C-3620	—
1997-91 6085, 6090, 6670	49	470		307-0751	—	1971-59 Jet Star- Series, All models	3EE	350	147	8C-3620	—
1997-91 6105, 7630, 7650	4DLT	630	49	153-5700 {30}	8C-3622	1963-56 L Unitractor	60	385		3T-5857 {29}	3T-5858 {29}
1997-93 6124, 6125, 6144	24	600	15	153-5656	3T-5857	1955-43 L Unitractor, RTI	2L	350		8C-3629 {25}	8C-3617 {25}
1997-93 6145, 6175, 6195	24	600	15	153-5656	3T-5857	1962-59 M-5	3EE	350	15	8C-3620	—
1997-93 6215, 9435, 9455	24	600	15	153-5656	3T-5857	1964-63 M-602, M-604	3EE	350	15	8C-3620	—
2000-95 6410, 6510, 6710	24	900	15	—	—	1970-65 M-670, M-670 Super 3EE	350	700		8C-3620	—
1997-91 6680, 6690	49	470		307-0751	—	1963-60 S-24 Unitractor-Diesel	2	585	15	8C-3629	8C-3617
2000-95 6810	24	900	15	—	—	1963-56 S-24 Unitractor-Gas	60	385	15	3T-5857 {29}	3T-5858 {29}
1997-91 7600	49	500		307-0751	—	1970-64 U-302	3EE	350	15	8C-3620	—
1991-73 80	30H	685	147	430-5996	—	1959-52 UB, UTI, UTID, UTIL	3EE	350	147	8C-3620	—
2000-98 8510, 8610, 8710	24	600	15	153-5656	3T-5857	1955-43 UTI, UTIL, Z	2L	350	15	8C-3629 {25}	8C-3617 {25}
1997-91 8610, 8630	4DLT	630	49	153-5700 {30}	8C-3622	1959-52 UTILD, UTS, Z, ZB	3EE	350	147	8C-3620	—
2000-98 8810	24	600	15	153-5656	3T-5857	<b>WHITEMAN MFG. CO.</b>					
1997-93 9630, 9635, 9650	24	600	15	153-5656	3T-5857	<b>Farm</b>					
1997-93 9655, 9670, 9675	24	600	15	153-5656	3T-5857	1978-76 B-85, P-40G, P-60D	24	360		153-5656	3T-5857
1997-93 9690, 9695, 9815	24	600	15	153-5656	3T-5857	1983-76 DB-60	U1	235		8C-3636	—
1972-69 A4T-1400- Diesel, LPG	30H	575	15	8C-3627	430-5996	1978-76 P-80D	24	360		153-5656	3T-5857
1972-69 A4T-1600- Diesel, LPG	30H	575	15	8C-3627	430-5996	1990-80 Twin Finishing Machines	U1	235		8C-3636	—
1991-86 FB16, FB21	U1	340		—	—	1990-86 WBH-16E	U1	235	15	8C-3636	—
1988-86 FB185	30H	515	15	8C-3627	430-5996	1990-76 WLS-1000	U1	235		8C-3636	—
1991-86 FB31, FB37, FB43	27	660		8C-3601	127-0826	<b>WILLMER</b>					
1969 G-1000 Diesel, Gas	30H	575	147	8C-3627	430-5996	<b>Sprayers</b>					
1969 G-1000 Vista- Diesel, Gas	30H	575	147	8C-3627	430-5996	1993-85 6200, 6400- Optional	24F	700	147	250-0486	127-0826
1968-65 G-1000, G-1000 Vista 3EE	350	650	177	8C-3620	—						
1972-69 G-1050- Diesel, Gas 30H	575		147	8C-3627	430-5996						
1972-69 G-1350- Diesel, Gas 30H	575		147	8C-3627	430-5996						

67 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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68 See page 413 for further description.

# Farm Equipment

MAKE <sup>(69)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (70)	Replacement	
				Option 1	Option 2
1993-85 6200, 6400, 7200	24	700	147	127-0826	—
1993-85 7200, 785 - Optional	24F	700	147	250-0486	127-0826
1993-85 785	24	700	147	127-0826	—
<b>YANMAR</b>					

MAKE <sup>(69)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°	Notes (70)	Replacement	
				Option 1	Option 2
2013-11 EX2900, EX3200	24	540		153-5656	3T-5857
2013-10 SC2400	24	540		153-5656	3T-5857

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70 See page 413 for further description.

# Trucks & Buses

MAKE (1) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
<b>ABC BUS</b>					
<b>Van Hool Motorcoaches</b>					
2010-99	T916, T918	8D	730	15	153-5720 628-8824
2010-91	T915, T917, TD927	8D	730	15	153-5720 628-8824
2006	C2000, M1000	8D	730	15	153-5720 628-8824
2005-91	TD924	8D	730	15	153-5720 628-8824
2000-85	T-2100, T-800, T-815	8D	730	15	153-5720 628-8824
2000-85	T-900, T-915	8D	730	15	153-5720 628-8824
<b>Van Hool Motorcoaches</b>					
2006	A300, A308, A330	60	225	15	3T-5857 {29} 3T-5858 {29}
2006	A360, A500, A600	60	225	15	3T-5857 {29} 3T-5858 {29}
<b>ACF-BRILL</b>					
<b>Buses</b>					
1954-46	C-26Thru C-44	4B	950	147	153-5710
1954-46	IC-41, IC-41A, SU-37	4B	950	147	153-5710
<b>ADVANCE MIXER</b>					
<b>Class 8 Cement Mixer</b>					
2014-02	Federal Bridge	31T	650	181	175-4370 8C-3628
2014-02	Great Lakes 5 A	31T	650	181	175-4370 8C-3628
2014-02	Michigan 6 Axle	31T	650	181	175-4370 8C-3628
2014-02	Standard 3 Axle	31T	650	181	175-4370 8C-3628
2014-02	Standard 4 Axle	31T	650	181	175-4370 8C-3628
2002-81	6600	31T	650	181	175-4370 8C-3628
2001-97	Cement Dump	31T	650	181	175-4370 8C-3628
2001-86	61000	31T	650	181	175-4370 8C-3628
2001-81	6800	31T	650	181	175-4370 8C-3628
<b>Medium Duty</b>					
2006-00	Advance Mixer	31T	650	181	175-4370 8C-3628
1999-96	M	31T	650	181	175-4370 8C-3628
1998-95	S	31T	650	181	175-4370 8C-3628
1997	Glider	31T	650	181	175-4370 8C-3628
1995-94	Glider	31T	650	181	175-4370 8C-3628
1993-92	S	31T	650	181	175-4370 8C-3628
1990-88	S	31T	650	181	175-4370 8C-3628
<b>AUTOCAR</b>					
1988-83	AT, DK, DS	31T	550	173	175-4370 8C-3628
1988-81	ACL	31T	550	173	175-4370 8C-3628
1986-81	C / DC	31T	550	173	175-4370 8C-3628
1984-81	S	31T	550	173	175-4370 8C-3628
1983	ACM, Construcktor	31T	550	173	175-4370 8C-3628
<b>AUTOCAR DIVISION</b>					
<b>VOLVO GMHEAVY TRUCK CORP.</b>					
<b>Class 8 Refuse</b>					
2014-11	E3 Hybrid	31T	660	179	3T-5760 8C-3628

MAKE (1) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (2)	Replacement	
				Option 1	Option 2
<b>Class 8 Truck</b>					
2000-88	Autocar	31T	550	179	175-4370 8C-3628
2000-88	Autocar - Opt	31T	625	179	175-4370 8C-3628
		31T	750	179	3T-5760 8C-3628
1974-61	Autocar	1	475	179	8C-3617 —
		2	540	179	8C-3629 8C-3617
		24	475	179	153-5656 3T-5857
		27	620	179	153-5656 8C-3601
		2E	590	179	8C-3632 {30} —
		30H	525	179	8C-3627 430-5996
		31T	625	179	175-4370 8C-3628
		4	920	179	8C-3633 —
1973-61	Autocar	4D	720	179	9X-9721 —
		5D	775	179	8C-3633 —
		6D	800	179	153-5700 —
		7D	875	179	8C-3633 —
		8D	1000	179	153-5720 628-8824
2001-97	Cement Dump	31T	650	181	175-4370 8C-3628
2001-86	61000	31T	650	181	175-4370 8C-3628
<b>Class 8 Truck</b>					
2000-87	DC, DK, S	31T	550	179	175-4370 8C-3628
		31T	750	179	3T-5760 8C-3628
2000-61	DC, DK, S	31T	625	179	175-4370 8C-3628
1987	Autocar	31T	550	179	175-4370 8C-3628
1987	Autocar - Opt	31T	625	179	175-4370 8C-3628
		31T	750	179	3T-5760 8C-3628
1986-75	Autocar	1	475	179	8C-3617 —
		2	540	179	8C-3629 8C-3617
		24	475	179	153-5656 3T-5857
		27	620	179	153-5656 8C-3601
		2E	590	179	8C-3632 {30} —
		30H	525	179	8C-3627 430-5996
		31T	625	179	175-4370 8C-3628
		4	920	179	8C-3633 —
1986-74	Autocar	4D	720	179	9X-9721 —
		5D	775	179	8C-3633 —
		6D	800	179	153-5700 —
		7D	875	179	8C-3633 —
		8D	1000	179	153-5720 628-8824
1986-61	AT	31T	625	179	175-4370 8C-3628
1986-61	AT, DC, DK, S	1	475	179	8C-3617 —
		2	540	179	8C-3629 8C-3617
		24	475	179	153-5656 3T-5857
		27	620	179	153-5656 8C-3601
		2E	590	179	8C-3632 {30} —

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2 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (4)	Replacement Option 1    Option 2	
		30H	525	179	8C-3627	430-5996
		4	920	179	8C-3633	—
		4D	720	179	9X-9721	
		5D	775	179	8C-3633	—
		6D	800	179	153-5700	
		7D	875	179	8C-3633	—
		8D	1000	179	153-5720	628-8824
1961-59	All w/Air Start	60	400	168	3T-5857 {29}	3T-5858 {29}
1960-40	All Models - Opt	2	540	179	8C-3629	8C-3617
1960-40	All Models Exc C55 & C57	4	920	179	8C-3633	—
1960-40	C55, C57	27	620	179	153-5656	8C-3601
<b>Class 8 Refuse</b>						
2014-02	Xpeditor	31T	660	179	3T-5760	8C-3628
<b>AUTOCAR LLC.</b>						
<b>Medium Duty</b>						
2017-13	Xpeditor - Diesel	31T	660	24, 148	3T-5760	8C-3628
2017-11	Xspotter On Road	31T	660	24, 148	3T-5760	8C-3628
2017-10	Xspotter Off Road	31T	660	24, 148	3T-5760	8C-3628
2016-15	Xpert - Natural Gas	31T	660	24, 148	3T-5760	8C-3628
2016-14	Xpert	31T	660	24, 148	3T-5760	8C-3628
2014-08	Xpeditor	31T	660	24, 148	3T-5760	8C-3628
2014	Xpeditor - Natural Gas	31T	660	24, 148	3T-5760	8C-3628
2012	Xpeditor - Natural Gas	31T	660	24, 148	3T-5760	8C-3628
2012	Xpert	31T	660	24, 148	3T-5760	8C-3628
2011-10	Xpeditor - Diesel	31T	660	24, 148	3T-5760	8C-3628
2010-02	Xpeditor WX	31T	660	24, 148	3T-5760	8C-3628
2010-02	Xpeditor WXLL	31T	660	24, 148	3T-5760	8C-3628
2008-07	Xpeditor WX - Diesel	31T	660	24, 148	3T-5760	8C-3628
2008	Xpeditor WXLL - Diesel	31T	660	24, 148	3T-5760	8C-3628
2007-06	Xpeditor WXLL - Natural Gas	31T	660	24, 148	3T-5760	8C-3628
2006-05	Xpeditor WX - Natural Gas	31T	660	24, 148	3T-5760	8C-3628
2006-03	Xpeditor WXR	31T	660	24, 148	3T-5760	8C-3628
2006	Xpeditor WXR - Diesel	31T	660	24, 148	3T-5760	8C-3628

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (4)	Replacement Option 1    Option 2	
2005	Xpeditor WXLL - Diesel	31T	660	24, 148	175-4370	8C-3628
<b>BECK, C. D.</b>						
<b>Buses</b>						
1957-51	All Models	8D	1000	15	153-5720	628-8824
<b>BLUE BIRD</b>						
2017-89	All American FE	31T	700	179	3T-5760	8C-3628
2017-89	All American RE	31T	700	179	3T-5760	8C-3628
2005	All American RE - Natural Gas	31T	700	179	3T-5760	8C-3628
2017	SHL All American	31T	700	179	3T-5760	8C-3628
2015	All American RE - Diesel	31T	700	179	3T-5760	8C-3628
2014	All American RE - Natural Gas	31T	700	179	3T-5760	8C-3628
2012	Wanderlodge	31T	700	179	3T-5760	8C-3628
2007-96	SHL Commercial	31T	700	179	3T-5760	8C-3628
2007-92	Commercial Bus	31T	700	179	3T-5760	8C-3628
2007-88	Wanderlodge	31T	700	179	3T-5760	8C-3628
2004-89	TC2000	31T	700	179	3T-5760	8C-3628
2004	SHL All American	31T	700	179	3T-5760	8C-3628
2003-93	SHL TC2000	31T	700	179	3T-5760	8C-3628
2000-97	TC1000	31T	700	179	3T-5760	8C-3628
1996-94	SHL All American	31T	700	179	3T-5760	8C-3628
1992-91	SHL All American	31T	700	179	3T-5760	8C-3628
1989-88	SHL All American	31T	700	179	3T-5760	8C-3628
<b>BLUE BIRD CORP.</b>						
<b>Coach RV</b>						
2010-03	Express Commuter	8D	1300	15	153-5720	628-8824
2010-00	Wanderlodge	8D	1300	15	153-5720	628-8824
<b>Commercial Bus</b>						
2008-06	Ultra LMB	8D	1300	15	153-5720	628-8824
2006-02	Ultra LF	8D	1300	15	153-5720	628-8824
<b>School Bus</b>						
2010-06	Vision	8D	1300	15	153-5720	628-8824
2010-00	All American	8D	1300	15	153-5720	628-8824
2008-06	Micro Bird	8D	1300	15	153-5720	628-8824
<b>School Bus Chassis</b>						
2014-99	All American RE	31T	700		3T-5760	8C-3628
2014-00	All American FE	31T	700		3T-5760	8C-3628
<b>Transit Bus</b>						
2006-02	Xcel 102	8D	1300	15	153-5720	628-8824
<b>BROCKWAY MOTOR TRUCKS</b>						
<b>Buses</b>						
1965-61	All	2	540	15	8C-3629	8C-3617
1959-56	147BW, 247BW	4	700		8C-3633	—

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4 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (6)	Replacement		
				Option 1	Option 2	
<b>ABC BUS</b>						
1955-48	128BX, 146B, 146BX	7D	900		8C-3633	—
1955-48	148BX, 149, 154BX	7D	900		8C-3633	—
1955-48	88BX	7D	900		8C-3633	—
1955-41	All Exc Task Force Series	1	550		8C-3617	—
1955-41	Task Force Series	24	350		153-5656	3T-5857
1953-47	146B-43, 88B, 88B-31	4	700		8C-3633	—
1953-47	154B, 155	7D	900		8C-3633	—
1953-47	328BW Thru 655BW	7D	900		8C-3633	—
<b>Trucks</b>						
1977-76	K459, K759, K760	4	700	173	8C-3633	—
1977-76	K761, N457, N550	4	700	173	8C-3633	—
1977-76	N758, N759, N760	4	700	173	8C-3633	—
1977-76	N761	4	700	173	8C-3633	—
2008	A- Series, all models	4	700	173	8C-3633	—
1977-74	N260-L, N260LF	4	700	173	8C-3633	—
1977-74	N260LQ, N260T	4	700	173	8C-3633	—
1977-72	H360, H457, H762	4	700	173	8C-3633	—
1977-72	J358, J527, J550	4	700	173	8C-3633	—
1977-71	F Series Exc F527T	4	700	173	8C-3633	—
1977-69	U360, U459, U762	4	700	173	8C-3633	—
1977-65	E Series Exc E257TL	4	700	173	8C-3633	—
2008	K- Series, all models	4	700	173	8C-3633	—
2008	N Series Exc N200 Series	4	700	173	8C-3633	—
2008	V- Series, all models	4	700	173	8C-3633	—
1973-65	T358, T527, W359	4	700	173	8C-3633	—
1970-67	W459	4	700	173	8C-3633	—
1970-65	C358	4	700	173	8C-3633	—
2008	R Series All Exc R362	4	700	173	8C-3633	—
1968-65	L358, R358	2	540	15	8C-3629	8C-3617
1968-65	M358	30H	390		8C-3627	430-5996
1968-61	N200- Series, all models	5D	740	179	8C-3633	—
1968-59	257T, 258T, 260L	2	540	15	8C-3629	8C-3617
1968-59	260LF, 260LQ, 260T	2	540	15	8C-3629	8C-3617
		5D	740	173	8C-3633	—
1968-59	E257TL	2	540	15	8C-3629	8C-3617
1968-59	F260-L, H260L	5D	740	173	8C-3633	—
1968-59	N-257T- Series, all models	5D	740	179	8C-3633	—
1968-59	N-257TL- Series, all models	5D	740	179	8C-3633	—
1968-59	N260-L- Series, all models	5D	740	179	8C-3633	—

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (6)	Replacement		
				Option 1	Option 2	
<b>Class 8 Truck</b>						
1968	B358	30H	390		8C-3627	430-5996
1968	R Series All Exc R361	4	700	173	8C-3633	—
1967	R Series All Exc R360	31T	625	179	8C-3633	—
1966	R Series All Exc R359	31T	750	179	8C-3633	—
1965-60	100- Series, all models	1	475	179	8C-3627	430-5996
1965	C Series Exc C362	5D	740	15	8C-3633	—
1965	R Series All Exc R358	4	700	173	8C-3633	—
1964	C Series Exc C361	5D	740	15	8C-3633	—
1964	F527T	5D	740	173	8C-3633	—
1964	J257	5D	740	15	8C-3633	—
1963	C Series Exc C360	5D	740	15	8C-3633	—
1962	C Series Exc C359	5D	740	15	8C-3633	—
1961	C Series Exc C358	5D	740	15	8C-3633	—
1959-55	255W, 258W, 260SF	2	540	15	8C-3629	8C-3617
1959-55	260WD, 260WLD	2	540	15	8C-3629	8C-3617
1959-44	100- Series, all models	24	475	179	8C-3629	8C-3617
1956-44	260XL, 260XLBB	2	540	15	8C-3629	8C-3617
1956-44	88WH, 88WHX	2	540		8C-3629	8C-3617
<b>CATERPILLAR</b>						
See CATERPILLAR EQUIPMENT section						
<b>CHEVROLET</b>						
<b>Class 8 Truck</b>						
<b>Kodiak</b>						
2009-03	C8500	31T	700	177	3T-5760	8C-3628
2009-03	C8500- Opt	31T	750	177	3T-5760	8C-3628
		78	600		369-9957	7X-6100
2008-03	C8500- Opt	78	750		127-0826	430-5997
<b>Medium Duty</b>						
2009-04	C8500	31T	700	24, 179	3T-5760	8C-3628
2009-04	C8500- Opt	31T	750	24, 179	3T-5760	8C-3628
2009-03		31T	700	24, 179	3T-5760	8C-3628
2009-03	C8500- Opt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2009	T8500- Opt	48	730	24, 179	430-5993	—

5 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

6 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (8)	Replacement Option 1    Option 2	
1996-95	W6500Tiltmaster	31T	750	24, 179	3T-5760	8C-3628
1996-95	Xspotter On Road	31T	750	24, 179	3T-5760	8C-3628
1995-94	C3500HD	78	600	24, 179	369-9957	7X-6100
1993-91	C3500HD- Auxiliary Battery	78	540	24, 179	369-9957	7X-6100
1993-91	C3500HD- Primary Battery	78	630	24, 179	369-9957	7X-6100
<b>Class 8 Refuse</b>						
2015-09	Express 4500	78	600	24, 179	369-9957	7X-6100
2015-09	Express 4500- Diesel	78	770	24, 179	127-0826	430-5997
2010-98	W4500Tiltmaster- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
2010-09	W4500Tiltmaster- Opt	31T	700	15	3T-5760	8C-3628
2010-07	W4500Tiltmaster- Opt	78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2010-05	W4500Tiltmaster	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2010-05	W4500Tiltmaster- Opt	31T	750	15	3T-5760	8C-3628
		31T	750	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2009-99	C6500 Kodiak	31T	700	24, 179	3T-5760	8C-3628
2009-99	C6500 Kodiak- Opt	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
2009-99	C7500 Kodiak	31T	700	24, 179	3T-5760	8C-3628
2009-97	C7500 Kodiak- Opt	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
2009-05	W5500Tiltmaster	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2009-97	W5500Tiltmaster- Opt	31T	750	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628

MAKE <sup>(7)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (8)	Replacement Option 1    Option 2	
2009-05	W5500HDTiltmaster	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2009-05	W5500HDTiltmaster - Opt	31T	750	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2009-04	T6500	31T	750	24, 179	3T-5760	8C-3628
2009-04	T6500- Opt	31T	750	24, 179	3T-5760	8C-3628
2009-04	T6500, T7500	31T	750	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2009-04	T6500, T7500- Opt	31T	700	177	3T-5760	8C-3628
2009-04	T7500	31T	750	24, 179	3T-5760	8C-3628
2009-04	T7500- Opt	31T	750	24, 179	3T-5760	8C-3628
2009-03	C4500 Kodiak	31T	700	24, 179	3T-5760	8C-3628
2009-03	C4500 Kodiak- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2009-03	C5500 Kodiak	31T	700	24, 179	3T-5760	8C-3628
2009-03	C5500 Kodiak- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2009-01	C6500 Kodiak- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	750	24, 179	127-0826	430-5997
2009-01	C7500 Kodiak- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	750	24, 179	127-0826	430-5997
2009	C4500 Kodiak- Opt	48	730	24, 179	430-5993	—
2009	C5500 Kodiak- Opt	30H	390	24, 179	430-5993	430-6001
		5D	740	24, 179	430-5993	—
2009	C6500 Kodiak- Opt	4	700	24, 179	430-5993	430-6001
		5D	740	24, 179	430-5993	—
2009	C7500 Kodiak- Opt	5D	740	24, 179	430-5993	430-6001

**7 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

8 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement		
				Option 1	Option 2	
	48	730	24, 179	430-5993	—	
2009	T6500, T7500 - Opt	48	730	15	430-5993	—
		48	730	24, 179	430-5993	—
2008-98	W4500Tiltmaster- Opt	31T	700	177	3T-5760	8C-3628
2008-95	W3500Tiltmaster- Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
		78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2008-07	W3500Tiltmaster- Opt	48	700	15	430-5993	430-6001
2008-05	W3500Tiltmaster	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2008-05	W3500Tiltmaster- Opt	31T	750	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		48	700	24, 179	430-5993	430-6001
2008-02	W3500Tiltmaster- Opt	31T	700	177	3T-5760	8C-3628
2008	W3500Tiltmaster- Opt	48	700	15	430-5993	430-6001
2008	W4500Tiltmaster	31T	750	24, 179	3T-5760	8C-3628
2008	W5500Tiltmaster	31T	750	24, 179	3T-5760	8C-3628
2008	W5500HDTiltmaster	31T	750	24, 179	3T-5760	8C-3628
2007-06	C6500 Kodiak - Opt	48	615	24, 179	430-5993	430-6001
2007-06	W3500Tiltmaster- Opt	48	700	15	430-5993	430-6001
2007	C4500 Kodiak - Opt	48	615	24, 179	430-5993	430-6001
2007	C5500 Kodiak - Opt	48	615	24, 179	430-5993	430-6001
2006-05	W3500Tiltmaster- Opt	48	700	15	430-5993	430-6001
2006	C6500 Kodiak	78	800	24, 179	127-0826	430-5997
2006	C6500 Kodiak - Opt	48	730	24, 179	430-5993	—

MAKE <sup>(9)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (10)	Replacement		
				Option 1	Option 2	
2005	W3500Tiltmaster-Opt	48	700	15	430-5993	430-6001
2004-98	W4500Tiltmaster-Opt	78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2004-00	W5500Tiltmaster-Opt	31T	700	177	3T-5760	8C-3628
		4	920	24, 179	3T-5760	8C-3628
		4D	720	24, 179	369-9957	7X-6100
		5D	775		369-9957	7X-6100
		6D	800	24, 179	369-9957	7X-6100
		7D	875		127-0826	430-5997
		8D	1000	24, 179	127-0826	430-5997
2004	W5500HDTiltmaster - Opt	31T	625	177	3T-5760	8C-3628
		1	475	24, 179	3T-5760	8C-3628
		2	540	24, 179	3T-5760	8C-3628
		24	475		369-9957	7X-6100
		27	620	24, 179	369-9957	7X-6100
		2E	590		127-0826	430-5997
		2E	590	24, 179	127-0826	430-5997
2003-00	W5500HDTiltmaster	30H	525		369-9957	7X-6100
2002-99	C3500HD - Opt	31T	625		369-9957	7X-6100
2002-99	C3500HD - Diesel, Opt	4	920	15	369-9957	7X-6100
		4D	720	24, 179	369-9957	7X-6100
2002-99	C3500HD - Opt	5D	775	24, 179	369-9957	7X-6100
2002-98	T6500, T7500	6D	800	177	3T-5760	8C-3628
		7D	875	24, 179	3T-5760	8C-3628
2002-98	T6500, T7500 - Opt	8D	1000	177	3T-5760	8C-3628
2002-97	C3500HD - Diesel	31T	625	15	369-9957	7X-6100
		1	475	24, 179	369-9957	7X-6100
2002-97	T6500, T7500 - Opt	2	540	24, 179	3T-5760	8C-3628
2002-95	W3500Tiltmaster- Opt	24	475	15	3T-5760	8C-3628
2002-93	B7 - Opt	31T	625	24, 179	175-4370	8C-3628
		31T	750	24, 179	3T-5760	8C-3628

<sup>9</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

<sup>10</sup> See page 413 for further description.

# Trucks & Buses

MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement Option 1    Option 2	
2002-01	B7 - Opt	31T	700	24, 179	3T-5760	8C-3628
2002-01	C3500HD	78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
2000-99	C3500HD- Primary Battery	78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
2000-99	C3500HD- Police & Opt	78	770		127-0826	430-5997
2000-99	C3500HD- Police Package	78	770	24, 179	127-0826	430-5997
2000-99	C6500 Kodiak - Opt	31T	625	24, 179	175-4370	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	770	24, 179	127-0826	430-5997
2000-97	C7500 Kodiak - Opt	31T	625	24, 179	175-4370	8C-3628
		78	770	24, 179	127-0826	430-5997
2000-93	B7 - Opt	78	770	24, 179	127-0826	430-5997
1998-97	C7500 Kodiak - Opt	31T	900	24, 179	354-3613	100-4081
1998-97	C7500 Kodiak, T6500	31T	625	24, 179	175-4370	8C-3628
1998-97	T6500	31T	625		175-4370	8C-3628
1998-97	T6500 - Opt	31T	625		175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1998-97	T6500, T7500 - Opt	31T	750		354-3613	8C-3628
		31T	900		354-3613	100-4081
		31T	900	24, 179	354-3613	100-4081
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
		78	770		127-0826	430-5997
		78	770	24, 179	127-0826	430-5997
1998-97	T7500	31T	625		175-4370	8C-3628
1998-97	T7500 - Opt	31T	625		175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1998-95	W3500 Tiltmaster	31T	750	15	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628

MAKE <sup>(11)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (12)	Replacement Option 1    Option 2	
1998-94	B7, C3500HD	78	600	24, 179	369-9957	7X-6100
1998-94	C3500HD	78	600		369-9957	7X-6100
1998	W4500 Tiltmaster	31T	750	15	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
1996-95	C70 Kodiak - Opt	31T	625	24, 179	175-4370	8C-3628
		31T	900	24, 179	354-3613	100-4081
		78	770	24, 179	127-0826	430-5997
1996-94	C3500HD - Diesel	78	770	15	127-0826	430-5997
		78	770	24, 179	127-0826	430-5997
1996-90	C60 Kodiak	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
1996-90	C70 Kodiak	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
1996	C70 Kodiak	31T	625	24, 179	175-4370	8C-3628
1996	C70 Kodiak - Opt	31T	750	24, 179	3T-5760	8C-3628
1994-91	C60 Kodiak	78	750	24, 179	127-0826	430-5997
1993-92	C3500HD - Diesel	75	570	15	7X-6100	—
		75	570	24, 179	7X-6100	—
1993-91	C3500HD - Auxiliary Battery	78	540		369-9957	7X-6100
		78	540	24, 179	369-9957	7X-6100
1993-91	C3500HD - Primary Battery	78	630		369-9957	7X-6100
		78	630	24, 179	369-9957	7X-6100
1991-90	C5500 Kodiak - Opt	31T	580	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		71	390	24, 179	7X-6100 {32}	250-0489 {32}
		73	460	24, 179	7X-6100 {32}	250-0489 {32}
		74	540	24, 179	369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
1990-81	C60	31T	580		175-4370	8C-3628

**11 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

12 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement	
				Option 1	Option 2
	31T	580	24, 179	175-4370	8C-3628
2009 C60 - Opt	31T	625		175-4370	8C-3628
	78	515		369-9957	7X-6100
	78	515	24, 179	369-9957	7X-6100
1990-80 C50 - Opt	74	550	24, 179	369-9957	7X-6100
1990-80 C50, C60 - Opt	31T	630		175-4370	8C-3628
	31T	630	24, 179	175-4370	8C-3628
	74	550		369-9957	7X-6100
	78	540		369-9957	7X-6100
	78	540	24, 179	369-9957	7X-6100
1990-80 C50, C60, C70	71	390		7X-6100 {32}	250-0489 {32}
	71	390	24, 179	7X-6100 {32}	250-0489 {32}
1990-80 C70	31T	580		175-4370	8C-3628
	31T	580	24, 179	175-4370	8C-3628
1990-80 C70 - Opt	31T	625		175-4370	8C-3628
	31T	630		175-4370	8C-3628
	31T	630	24, 179	175-4370	8C-3628
	74	550		369-9957	7X-6100
	78	515		369-9957	7X-6100
	78	515	24, 179	369-9957	7X-6100
	78	540		369-9957	7X-6100
	78	540	24, 179	369-9957	7X-6100
1988-87 Kodiak	31T	625	179	175-4370	8C-3628
1988-81 C 8000	31T	625		175-4370	8C-3628
1988-81 C 8000 - Opt	31T	750		3T-5760	8C-3628
1985-84 C70	71	350	24, 179	7X-6100 {32}	250-0489 {32}
1983 C70	70	405	24, 179	7X-6100 {32}	250-0489 {32}
1982 C60	74	390		369-9957	7X-6100
1982 C70	71	350	24, 179	7X-6100 {32}	250-0489 {32}
1980 C60 - Opt	74	550	24, 179	430-5993	—
<b>Kodiak</b>					
2009-99 C6500, C7500	31T	700	177	3T-5760	8C-3628
2009-99 C6500, C7500 - Opt	31T	750	177	3T-5760	8C-3628
2009-97 C6500, C7500	78	600		369-9957	7X-6100
2009-07 C4500	78	600		369-9957	7X-6100

MAKE <sup>(13)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (14)	Replacement	
				Option 1	Option 2
<b>Class 8 Truck</b>					
2009-07 C5500 - Diesel, Opt	48	730	15	430-5993	—
2009-03 C4500	31T	700	177	3T-5760	8C-3628
2009-03 C4500 - Opt	31T	700	177	3T-5760	8C-3628
	31T	750	177	3T-5760	8C-3628
2009-03 C4500, C5500 - Opt	78	750		127-0826	430-5997
2009-03 C5500 - Diesel	31T	700	177	3T-5760	8C-3628
2009-03 C5500 - Opt	31T	700	177	3T-5760	8C-3628
2009-03 C5500 - Diesel, Opt	31T	750	177	3T-5760	8C-3628
	78	600		369-9957	7X-6100
2009-01 C6500, C7500 - Opt	31T	700	177	3T-5760	8C-3628
	78	750		127-0826	430-5997
2009 C4500, C5500 - Opt	48	615		430-5993	430-6001
	48	730		430-5993	—
2009 C6500, C7500 - Opt	48	615		430-5993	430-6001
	48	730		430-5993	—
	48	730	15	430-5993	—
2007 C4500, C5500 - Opt	48	615		430-5993	430-6001
2007 C6500 - Opt	48	615		430-5993	430-6001
2007 C7500 - Opt	48	315		430-5993	430-6001
2006 C4500	78	800		127-0826	430-5997
2005-03 C4500	78	600		369-9957	7X-6100
2005-03 C5500 - Diesel, Opt	78	770	15	127-0826	430-5997
2000-99 C6500 - Opt	78	600		369-9957	7X-6100
2000-97 C6500, C7500 - Opt	31T	625		175-4370	8C-3628
	78	770		127-0826	430-5997
2000-96 C Series - Cat 3116T	31T	625		175-4370	8C-3628
2000-95 C Series - Cat 3116T	31T	900		354-3613	100-4081
2000-91 C Series - Cat 3116T	31T	750		3T-5760	8C-3628
2000-91 C5H, C6H, C7H Series	31T	625		175-4370	8C-3628
	78	600		369-9957	7X-6100
1998-97 C6500	31T	750		3T-5760	8C-3628
1998-97 C6500 - Opt	78	750		127-0826	430-5997
1998-97 C7500	31T	625		175-4370	8C-3628
1998-97 C7500 - Opt	31T	750		3T-5760	8C-3628
	31T	900		354-3613	100-4081
1996-95 C60, C70 - Opt	31T	900		354-3613	100-4081
	78	770		127-0826	430-5997
1996-91 C60, C70 - Opt	31T	625		175-4370	8C-3628
1996-90 C60, C70	78	600		369-9957	7X-6100
1996 C60, C70	31T	625		175-4370	8C-3628
1996 C60, C70 - Opt	31T	750		3T-5760	8C-3628
1995-90 C60, C70	31T	750		3T-5760	8C-3628
2005 C5H, C6H, C7H Series	78	750	15	127-0826	430-5997
1994-90 C60, C70 - Opt	78	750		127-0826	430-5997

13 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

14 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement Option 1    Option 2	
1991-90	C5500 - Opt	31T	580		175-4370	8C-3628
		31T	625		175-4370	8C-3628
		71	390		7X-6100 {32}	250-0489 {32}
		73	460		7X-6100 {32}	250-0489 {32}
		74	540		369-9957	7X-6100
1988-87	C Series - Opt	31T	625	147	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
		78	515	147	369-9957	7X-6100
<b>Motor Homes</b>						
2000-97	P-Series	78	600		369-9957	7X-6100
2000-97	P-Series - Opt	78	690		369-9957	7X-6100
2000-93	P-Series - Opt	31T	750		3T-5760	8C-3628
2000-87	P-Series - Opt	31T	550		175-4370	8C-3628
1996-89	P-Series	75	525		7X-6100	250-0489
1996-89	P-Series - Opt	78	630		369-9957	7X-6100
1988-87	BP042 - Opt	31T	625	147	175-4370	8C-3628
1988-87	BP042, C5, C6	78	515		369-9957	7X-6100
1988-87	C5, C6 - Opt	31T	625	177	175-4370	8C-3628
		71	430		7X-6100 {32}	250-0489 {32}
		78	625	177	369-9957	7X-6100
<b>School Bus</b>						
2002-98	B7	31T	625		175-4370	8C-3628
2002-98	B7 - Opt	31T	750		3T-5760	8C-3628
2002-93	B7	78	600		369-9957	7X-6100
2002-01	B7 - Opt	31T	700	15	3T-5760	8C-3628
2000-98	All - Diesel	78	600		369-9957	7X-6100
2000-98	Cat 3116T - Diesel	31T	625		175-4370	8C-3628
2000-96	BS	78	600		369-9957	7X-6100
		78	770		127-0826	430-5997
2000-96	Cat 3116T - Diesel	31T	750		3T-5760	8C-3628
2000-93	B7 - Opt	31T	625		175-4370	8C-3628
		78	770		127-0826	430-5997
2000-92	BS	31T	625		175-4370	8C-3628
1999	B7	78	770		127-0826	430-5997
1997-96	BS - Diesel	31T	750		3T-5760	8C-3628
1997-93	B7	31T	750		3T-5760	8C-3628
1995-92	BS - Opt	78	580		369-9957	7X-6100
1991-89	P-Series	31T	550		175-4370	8C-3628
1991	P-Series - Opt	31T	720		3T-5760	8C-3628
1990-89	B6P	31T	580		175-4370	8C-3628
		31T	625		175-4370	8C-3628
		71	390		7X-6100 {32}	250-0489 {32}

MAKE <sup>(15)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (16)	Replacement Option 1    Option 2	
		73	460		7X-6100 {32}	250-0489 {32}
		74	540		369-9957	7X-6100
1988-81	B6P - Diesel, Opt	31T	625	15	175-4370	8C-3628
		4D	800		9X-9721	
		74	525	15	369-9957	7X-6100
		78	520		369-9957	7X-6100
		8D	880		153-5720	628-8824
1986-80	B6P, CB6P - Opt	31T	625	15	175-4370	8C-3628
		71	390	15	7X-6100 {32}	250-0489 {32}
		74	525	15	369-9957	7X-6100
1978-77	SE-60	74	340		369-9957	7X-6100
1976-74	All	74	340		369-9957	7X-6100
1970-56	All	27	350		153-5656	8C-3601
1970-56	All - Opt	31T	475		175-4370	8C-3628
1955-41	All	2	600		8C-3629	8C-3617
<b>Trucks</b>						
2000-98	F7 Cab Forward- Diesel, Opt	31T	625		175-4370	8C-3628
		31T	750		3T-5760	8C-3628
		78	600		369-9957	7X-6100
2000-98	F7 Cab Forward - Opt	78	770		127-0826	430-5997
2000-96	C6H, C7H - Cat 3116T	31T	625		175-4370	8C-3628
2000-95	C6H, C7H - Cat 3116T	31T	900		354-3613	100-4081
2000-92	C5H - Cat 3116T	31T	625		175-4370	8C-3628
2000-91	C5H - Cat 3116T	31T	900		354-3613	100-4081
		78	770		127-0826	430-5997
2000-91	C5H, C6H - Cat 3116T	31T	750		3T-5760	8C-3628
2000-91	C5H, C6H, C7H	31T	625		175-4370	8C-3628
		78	600		369-9957	7X-6100
		78	750		127-0826	430-5997
2000-91	C7H - Cat 3116T	31T	750		3T-5760	8C-3628
1988-87	C7D042/64 - Opt	31T	625	177	175-4370	8C-3628
		71	430		7X-6100 {32}	250-0489 {32}
		78	515		369-9957	7X-6100
		78	625	177	369-9957	7X-6100
1986-80	5000-9500 - Diesel, Opt	31T	580	177	175-4370	8C-3628
1986-80	5000-9500 - Opt	31T	625		175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
		71	390		7X-6100 {32}	250-0489 {32}

**15 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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16 See page 413 for further description.

# Trucks & Buses

MAKE (17) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
		74	525		369-9957 7X-6100
1986-80	5000-9500 - Diesel	74	525	15	369-9957 7X-6100
1986-80	5000-9500 - Diesel, Opt	78	540		369-9957 7X-6100
1986-80	5000-9500 - Opt	78	540		369-9957 7X-6100
1985-80	5000-9500	31T	580		175-4370 8C-3628
1980	5000-9500	73	460		7X-6100 {32} 250-0489 {32}
1979-76	All, CD-60	31T	475		175-4370 8C-3628
1978-77	CG, SG, TE, TM-60	71	275		7X-6100 {32} 250-0489 {32}
1977-76	All Opt, CS-50	71	275		7X-6100 {32} 250-0489 {32}
1977-76	TE-60, TE-65	71	275		7X-6100 {32} 250-0489 {32}
1977-73	All Opt, CS-50	74	350		369-9957 7X-6100
1977	CD-60, CS-55, SE-60	74	350		369-9957 7X-6100
1977	CE-50, CE-60, CE-65	71	275		7X-6100 {32} 250-0489 {32}
1977	CS-60	71	275		7X-6100 {32} 250-0489 {32}
1977	PS40	31T	475		175-4370 8C-3628
1977	TE-60, TE-65	74	350		369-9957 7X-6100
1976-73	CE, CM, CS, SE, SM	74	350		369-9957 7X-6100
1976-73	SS-60	74	350		369-9957 7X-6100
1976-73	TG-60, TM-65	27	350		153-5656 8C-3601
1988-81	C 8000 - Opt	31T	750		3T-5760 8C-3628
1976	CD-60, CS-55, SE-60	71	275		7X-6100 {32} 250-0489 {32}
1975-73	TE-65 - Opt	27	350		153-5656 8C-3601
		74	350		369-9957 7X-6100
1973	All	8D	880	177	153-5720 628-8824
1973	WM-80	27	350		153-5656 8C-3601
1973	WM-80 - Opt	30H	370		8C-3627 430-5996
1970-62	3 & 4 Cyl. - Diesel	4D	635		9X-9721
1970-62	6 Cyl. - Diesel	8D	830		153-5720 628-8824
1969-58	All	24	350		153-5656 3T-5857
<b>5000-9000</b>					
1986-80	C5D - Opt	78	540		369-9957 7X-6100
1986-80	C5D, C6D - Opt	31T	625		175-4370 8C-3628
		74	525		369-9957 7X-6100
1986-80	C5D, C6D, C7D, CW6N	71	390		7X-6100 {32} 250-0489 {32}
		78	540		369-9957 7X-6100
1986-80	C6D - Opt	78	540		369-9957 7X-6100
1986-80	C6D, C7D - Diesel	74	525	15	369-9957 7X-6100
1986-80	C7D - Diesel, Opt	31T	580	177	175-4370 8C-3628
		78	540		369-9957 7X-6100

MAKE (17) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (18)	Replacement	
				Option 1	Option 2
1986-80	C7D, CW6N - Opt	31T	625		175-4370 8C-3628
		74	525		369-9957 7X-6100
		78	540		369-9957 7X-6100
1986-80	CW7N - Opt	31T	625		175-4370 8C-3628
		71	390		7X-6100 {32} 250-0489 {32}
		74	525		369-9957 7X-6100
		78	540		369-9957 7X-6100
1986-80	W4S, W7R - Diesel	31T	580	15	175-4370 8C-3628
<b>Postal Truck</b>					
2000-93	S-Series	78	690		369-9957 7X-6100
<b>Step Vans</b>					
2000-97	P-Series	78	600		369-9957 7X-6100
2000-97	P-Series - Opt	78	690		369-9957 7X-6100
2000-97	P-Series - Cat 3116T	78	690	15	369-9957 7X-6100
2000-93	P-Series - Diesel	78	600	15	369-9957 7X-6100
1996-94	P-Series - Gas	75	580		7X-6100 —
1996-94	P-Series - LPG	78	630		369-9957 7X-6100
1996-89	P-Series	75	525		7X-6100 250-0489
1996-89	P-Series - Opt	78	630		369-9957 7X-6100
1993-89	P-Series	75	580		7X-6100 —
1991-89	P-Series - Diesel	78	540	15	369-9957 7X-6100
1989	P-Series	75	430		7X-6100 250-0489
<b>Utility Trucks</b>					
2000-95	S-Series	75	525		7X-6100 250-0489
<b>CRANE CARRIER</b>					
<b>Class 8 Refuse</b>					
2014-13	COE2 Chassis Hybrid	31T	925	15	354-3613 100-4081
2014-04	LDT 2 Chassis	31T	925	15	354-3613 100-4081
2014-04	LET 2 Chassis	31T	925	15	354-3613 100-4081
2007-04	LCF 2 Chassis	31T	925	15	354-3613 100-4081
2007-04	LCF Chassis	31T	925	15	354-3613 100-4081
1996-81	NYC Model	31T	925	15	354-3613 100-4081
<b>Class 8 Truck</b>					
2014-04	COE2 Chassis	31T	925	15	354-3613 100-4081
2014	COE2 Chassis Hybrid	31T	925	15	354-3613 100-4081
<b>Medium Duty</b>					
2015-07	Low Entry - Diesel	31T	925	24, 148	354-3613 100-4081
2014-87	Low Entry	31T	925	24, 148	354-3613 100-4081
2013	Drill Rig	31T	925	24, 148	354-3613 100-4081
2012-11	Equipment Carrier	31T	925	24, 148	354-3613 100-4081
2011	Drill Rig	31T	925	24, 148	354-3613 100-4081

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18 See page 413 for further description.



# Trucks & Buses

MAKE (19) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement Option 1    Option 2	
2009-89	Centurion	31T	925	24, 148	354-3613	100-4081
2009-87	Drill Rig	31T	925	24, 148	354-3613	100-4081
2008-06	Equipment Carrier	31T	925	24, 148	354-3613	100-4081
2004-99	Equipment Carrier	31T	925	24, 148	354-3613	100-4081
1994	Recycling Equipment	31T	925	24, 148	354-3613	100-4081
1992-90	Recycling Equipment	31T	925	24, 148	354-3613	100-4081
1987	Centurion	31T	925	24, 148	354-3613	100-4081
<b>Refuse Truck</b>						
2008-06	Packaged Front Loader	31T	925	173	354-3613	100-4081
<b>Specialty</b>						
2000-97	3-5K Refueler Chassis	31T	925	15	354-3613	100-4081
2008-06	Airport Refueler	31T	925	15	354-3613	100-4081
2008-06	Redi-Mix Material Hauler	31T	925	15	354-3613	100-4081
2008-06	Stinger	31T	925	15	354-3613	100-4081
2007-06	M2000 on Hwy.	31T	925	15	354-3613	100-4081
2007-06	M4000 Tandem	31T	925	15	354-3613	100-4081
2007-06	M878A2 Military	31T	925	15	354-3613	100-4081
2006	All Models Exc Cab Over	31T	925	173	354-3613	100-4081
2006	Cab Over Eng Speciality	31T	950	15	354-3613	100-4081
2006	Mobile Drilling	31T	925	15	354-3613	100-4081
<b>Trucks</b>						
1997-78	All	31T	750	179	3T-5760	8C-3628
1997-78	All - Opt	31T	950	179	354-3613	100-4081
<b>DIAMOND REO</b>						
1998-97	C120	31T	700	24, 148	3T-5760	8C-3628
1992-90	C116	31T	700	24, 148	3T-5760	8C-3628
<b>DIAMOND REO TRUCKS</b>						
<b>OSTERLAUND, INC. See also REO</b>						
<b>Trucks</b>						
1997-90	12064DD	31T	700	181	3T-5760	8C-3628
1975-74	C-11 9- Cummins Diesel	4	710	173	8C-3633	—
1975-74	BS	7D	875	15	8C-3633	—
1975-74		4	710	173	8C-3633	—
1975-74	Cat 3116T - Diesel	7D	875	15	8C-3633	—

MAKE (19) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (20)	Replacement Option 1    Option 2	
1975-72	C-116D - Cat 1774C- Cummins - DD 8V-71	4	710	173	8C-3633	—
1975-72	DD 12V-71N, DD 6-71N	7D	970		8C-3633	—
1975-67	CO-54/88 - w/6-Volt, w/8-Volt	4	710	179	8C-3633	—
1975-67	CO-54/88 - Opt, w/6-Volt, w/8-Volt	7D	970		8C-3633	—
1975-67	CPB-42D - w/DD 6V-71N	4	710	179	8C-3633	—
1975-67	DC-101 - w/DD 6V-71N	4	710	179	8C-3633	—
1975	CF-60 - Diesel	27	275	177	153-5656	8C-3601
1975	CF-60 5-CYL	27	270		153-5656	8C-3601
1974-72	CF-65	30H	390		8C-3627	430-5996
1974-72	CF-65 - Cummins Diesel	4	710	173	8C-3633	—
1974-72	CF-65 - Opt	7D	875	173	8C-3633	—
1974-67	C-101, C-90	30H	390		8C-3627	430-5996
1974-67	C-101, C-90 - Opt	4	710	15	8C-3633	—
1974-67	C-90D - Cummins Diesel	4	710	173	8C-3633	—
1974-67	C-90D - w/DD 6-71N	7D	875	15	8C-3633	—
1974-67	C-92D - Cummins Diesel	4	710	173	8C-3633	—
1974-67	C-92D - w/DD 6-71N	7D	875	15	8C-3633	—
1972-69	Perkins 6-354	3	500	15	8C-3629	8C-3617
1972-67	C-114D - Cat 1673A- Cummins - DD 8V-71N	4	710	173	8C-3633	—
1972-67	C-50D	4	710	173	8C-3633	—
1972-67	C-50D - w/DD 6-71N	7D	875	15	8C-3633	—
1972-67	CF-59 - Cummins	2	520	173	8C-3629	8C-3617
1972-67	CF-59 - 6 Cylinder	27	390		153-5656	8C-3601
1972-67	CF-59 W/DD 6V-71N	7D	875	15	8C-3633	—
1972-67	CF-68 V-8	24	270		153-5656	3T-5857
1972-67	CF-83 - 6 Cylinder	27	270		153-5656	8C-3601
1972-67	CF-83 - Diesel	7D	875	15	8C-3633	—
1972-67	CF-83 V-8	30H	390		8C-3627	430-5996
1972-67	CF-83D - Perkins	3	500	15	8C-3629	8C-3617
1972-67	CF-83D - Cummins Diesel	4	710	179	8C-3633	—
1972-67	CPB-42	27	390		153-5656	8C-3601
1972	C-180 - DD 6V-53N, V8-210	7D	875	15	8C-3633	—
1972	C-190 - DD 6V-53N, V8-210	7D	875	15	8C-3633	—
1972	CF-68 - Cummins Diesel	7D	875	15	8C-3633	—
1972	CF-68 W/DD 4-53N	4	710	15	8C-3633	—

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20 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement Option 1    Option 2	
1972	DD 4-53N	4	710	15	8C-3633	—
1971-67	C-180- DD 6V-53N, V8-210	8D	880		153-5656	628-8824
1971-67	5000-9500 - Diesel, Opt	8D	880		153-5656	628-8824
1970-67	C-101, C-990D, CF-55	4	710	179	8C-3633	—
<b>Giant</b>						
1997-89	C11664D	31T	700	181	3T-5760	8C-3628
<b>DIAMOND T</b>						
<b>Buses</b>						
1965-60	4780 W/OH 200 Eng- OH 200 Eng	30H	600		8C-3627	430-5996
1965-60	All Exc 4780 W/OH 200 Eng	27	500		153-5656	8C-3601
<b>Trucks</b>						
1967-66	DL-6000D- DD engine	8D	950		153-5720	628-8824
1967-66	DL-7000D- DD engine	8D	950		153-5720	628-8824
1967-66	Models D-6000Thru D-7300	30H	600		8C-3627	430-5996
1967-66	Models DF-3000D Thru C-5780D-Perkins	3	550	15	8C-3629	8C-3617
1967-66	P-2000Thru P-5560	27	500		153-5656	8C-3601
1967-66	P-2000D- Perkins	3	550	15	8C-3629	8C-3617
1967-66	P-3000D- Perkins	3	550	15	8C-3629	8C-3617
1967-66	P-4000D- Perkins	3	550	15	8C-3629	8C-3617
1967-66	P-4300DThru P- 5560D- DD engine	8D	950		153-5720	628-8824
1967-66	P-4560Thru P-5560- DT8-250 engine	30H	600		8C-3627	430-5996
1967-63	Models D-3000Thru D-5780	27	500		153-5656	8C-3601
1967-63	Models D-3000Thru D-5780- OH 200 Eng	71	275		7X-6100 {32}	250-0489 {32}
1967-59	EXC 923D	4D	750	173	9X-9721	
1967-59	Models 923Thru 933	4D	750	173	9X-9721	
1965-63	P-2000Thru P-5400	27	500		153-5656	8C-3601
1965-63	P-2000Thru P-5400- OH 200 Eng	30H	600		8C-3627	430-5996
1965-63	Q-4300- OH 200 Eng	30H	600		8C-3627	430-5996
1965-63	Q-4300, Q-5300	27	500		153-5656	8C-3601
1965-63	Q-5300- OH 200 Eng	30H	600		8C-3627	430-5996
1965-59	534, 634- OH 200 Eng	30H	600		8C-3627	430-5996
1965-59	534, 634, 734 Series	27	500		153-5656	8C-3601
1965-59	734 Series- OH 200 Eng	30H	600		8C-3627	430-5996

MAKE <sup>(21)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (22)	Replacement Option 1    Option 2	
1965-59	738CG- OH 200 Eng	30H	600		8C-3627	430-5996
1965-59	738CG, 838CG	27	500		153-5656	8C-3601
1965-59	838CG- OH 200 Eng	30H	600		8C-3627	430-5996
1962-60	Models 2000Thru D- 7320	27	500		153-5656	8C-3601
1961-54	723C, 723CJT	4D	750	173	9X-9721	
1959-52	Models 323Thru 431	2	550		8C-3629	8C-3617
<b>DIVCO</b>						
<b>Trucks</b>						
1967-41	All- Diesel	27	500	15	153-5656	8C-3601
<b>DODGE</b>						
<b>Early Models</b>						
1962-56	All	24	500		153-5656	3T-5857
1955-48	All	2	600		8C-3629	8C-3617
<b>Medium/Heavy Truck</b>						
2010	Ram 4500- Diesel	94R	730	15, 276	430-6005	430-6004
2010	Ram 5500- Diesel	94R	730	15, 276	430-6005	430-6004
2009	Ram 4500- Diesel	65	750	15, 276	230-6368	9X-5408
2009	Ram 5500- Diesel	65	750	15, 276	230-6368	9X-5408
2008	RAM 4500, RAM 5500	65	800	15	230-6368	9X-5408
2008	Ram 4500, Ram 5500	65	800	15, 276	9X-5408	—
1981	D400, D450	24	500		153-5656	3T-5857
1980-78	D400, D450	24	375		153-5656	3T-5857
1978	D400, D450- Opt	27	440		153-5656	8C-3601
<b>Utility Trucks</b>						
1981-80	V8 360	25	425		250-0488	8C-3600
1981-80	V8 440	27	500		153-5656	8C-3601
1979-69	M-300- Opt	30H	385		8C-3627	430-5996
1979-69	M-300, RM-300	27	440		153-5656	8C-3601
1979-69	RM-300- Opt	30H	385		8C-3627	430-5996
1979-69	RM-350	27	440		153-5656	8C-3601
1979-69	RM-350- Opt	30H	385		8C-3627	430-5996
<b>School Bus</b>						
<b>A-8 Series</b>						
1969-63	S-400- w/361 Eng	30H	385		8C-3627	430-5996
1969-63	S-500- w/361 Eng	30H	385		8C-3627	430-5996
1969-63	S-600- w/361 Eng	30H	385		8C-3627	430-5996
1968-63	S-400, S-500, S-600	27	500		153-5656	8C-3601
<b>S-6 Series</b>						
1978-66	S-500, S-600, S-700	30H	385		8C-3627	430-5996
<b>Trucks</b>						
1981-80	M-500	27	500		153-5656	8C-3601

21 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

22 See page 413 for further description.

# Trucks & Buses

MAKE (23) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement Option 1    Option 2	
1981-80	M-500 - Opt	27	500		153-5656	8C-3601
1981-80	M-500, M-600, RM-400	25	430		250-0488	8C-3600
1981-80	M-600	27	500		153-5656	8C-3601
1981-80	M-600 - Opt	27	500		153-5656	8C-3601
1981-80	RM-400	27	500		153-5656	8C-3601
1981-80	RM-400 - Opt	27	500		153-5656	8C-3601
1979-76	M-500, M-600, RM-400	30H	385		8C-3627	430-5996
1979-69	C-500, C-600 - Opt	27	440		153-5656	8C-3601
1979-69	C-500, C-600, C-700	24	375		153-5656	3T-5857
1979-69	C-700, C-800 - Opt	27	440		153-5656	8C-3601
1979-69	C-800, CT-700	24	375		153-5656	3T-5857
1979-69	CT-700 - Opt	27	440		153-5656	8C-3601
1979-69	CT-800	24	375		153-5656	3T-5857
1979-69	CT-800 - Opt	27	440		153-5656	8C-3601
1978	360-3 Eng - M3 model	27	440		153-5656	8C-3601
1978	360-3 Eng - Opt, M3 model	30H	385		8C-3627	430-5996
1978	440-3 Eng - M3 model	27	440		153-5656	8C-3601
1978	440-3 Eng - Opt, M3 model	30H	385		8C-3627	430-5996
1978	CB - Exc 440 Eng.	30H	385		8C-3627	430-5996
1978	CB300	24	375		153-5656	3T-5857
1978	M4, M5	30H	385		8C-3627	430-5996
1978	C1 MB, MBL - Exc 440 Eng.	24	375		153-5656	3T-5857
1978	MBH Model - Diesel	27	500	147	153-5656	8C-3601
1977-69	413 Eng, 478 Eng	27	440		153-5656	8C-3601
1977-69	549 Eng	27	440		153-5656	8C-3601
1977-69	D-100, D-200 - Opt	27	440		153-5656	8C-3601
1977-69	D-100, D-200, D-300	24	375		153-5656	3T-5857
1977-69	D-300, D-400 - Opt	27	440		153-5656	8C-3601
1977-69	D-400, D-500, D-600	24	375		153-5656	3T-5857
1977-69	D-500, D-600 - Opt	27	440		153-5656	8C-3601
1977-69	D-700 - w/361 Eng	24	375		153-5656	3T-5857
1977-69	D-700 - Opt, w/361 Eng	27	440		153-5656	8C-3601
1977-69	D-800 - w/361 Eng	24	375		153-5656	3T-5857
1977-69	D-800 - Opt, w/361 Eng	27	440		153-5656	8C-3601
1977-69	W-400 Thru W-600	24	375		153-5656	3T-5857
1977-69	W-400 Thru W-600 - Opt	27	440		153-5656	8C-3601
1975-69	C-1000 - Opt	30H	390		8C-3627	430-5996
1975-69	C-1000, CT-900	27	440		153-5656	8C-3601

MAKE (23) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (24)	Replacement Option 1    Option 2	
1975-69	CN-900, CNT-900	4	700	173	8C-3633	—
1975-69	CT-900 - Opt	30H	390		8C-3627	430-5996
1975-69	L-600, L-700	24	375		153-5656	3T-5857
1975-69	L-600, L-700 - Opt	27	440		153-5656	8C-3601
1974-69	P-200, P-300, P-400	24	440		153-5656	3T-5857
1971-69	LN-1000, LNT-1000	4	700	173	8C-3633	—
1971-69	LS-1000, LT-1000	4	700	173	8C-3633	—
1971-69	LV-1000, LVT-1000	4	700	173	8C-3633	—
1968-56	All - Opt	27	440		153-5656	8C-3601
1974-72	All Exc C-3-DU & C-3-EU	24	375		153-5656	3T-5857
1968-56	C-3-DU, C-3-EU	1	550		8C-3617	—
1955-54	All Exc C1-Y6	1	550		8C-3617	—
1955-54	C1-Y6	4	650		8C-3633	—
<b>DUPLEX</b>						
<b>Trucks</b>						
1968-57	1200D, 1600D	3	625	15	8C-3629	8C-3617
1968-57	Beaver	24	375		153-5656	3T-5857
1968-57	LC-220, LC-600	4	750	173	8C-3633	—
1956-44	HRG6X4, T-20, T-250	6D	800		153-5700	
1956-44	TH, WC244	1	550		8C-3617	—
<b>E-ONE</b>						
<b>Class 8 Fire/Crash</b>						
2014-96	Cyclone II	31T	650	173	175-4370	8C-3628
2014-84	Hurricane	31T	650	173	175-4370	8C-3628
2014-07	Quest	31T	650	173	175-4370	8C-3628
2014-02	Hush, Typhoon	31T	650	173	175-4370	8C-3628
2001-84	Crash Titan	31T	650	173	175-4370	8C-3628
1996-90	Protector	31T	650	173	175-4370	8C-3628
1996-84	Cyclone	31T	650	173	175-4370	8C-3628
<b>EMERGENCY ONE</b>						
2014-92	Emergency One	31T	650	24, 148	175-4370	8C-3628
<b>EUCLID</b>						
<b>Trucks</b>						
1968-62	W/Air Start	4D	600		9X-9721	
1968-52	All Exc Air Start	8D	950	147	153-5720	628-8824
<b>FEDERAL</b>						
<b>Trucks</b>						
1958-57	All - Diesel	5D	850	15	8C-3633	—
1956-52	400R, 500R, 600R	4	750	147	8C-3633	—
1956-52	C-11 Thru CC-35	4	750	147	8C-3633	—
1956-52	RB-451	4	750	147	8C-3633	—
1955-52	1500 Series	1	550		8C-3617	—
1955-52	3400 Thru 6500 Series	4	750	147	8C-3633	—

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24 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement Option 1    Option 2	
1972	1600Thru 3000 Series	3	600		8C-3629	8C-3617
1954-53	TT-11	8D	950		153-5720	628-8824
1954	NC, NC10QM	3	625	15	8C-3629	8C-3617
<b>FITZJOHN</b>						
<b>Buses</b>						
1965-60	FID- Hercules engine	8D	950		8C-3627	430-5996
1965-60	FTD- Hercules engine	8D	950		153-5656	8C-3601
1956-55	JBS-600- Cummins Diesel	4D	600		153-5720	628-8824
1956-53	540- IHC engine	4D	600		9X-9721	
1956-53	540- Cummins Diesel	8D	950		8C-3627	430-5996
1956-50	FID, FIG, FTG	4D	600	147	9X-9721	
<b>FORD</b>						
<b>Buses</b>						
1997-94	All- Diesel	24	600	177, 182	153-5656	3T-5857
1997-94	All- Diesel, Opt	31T	625	177	175-4370	8C-3628
		31T	900	15	354-3613	100-4081
1967-66	B-600, B-700- Diesel	24	600	15, 182	153-5656	3T-5857
1997-83	All	62	380		8C-3611	—
1989-86	School Bus Chassis	62	380		8C-3611	—
1989-80	B-600, B-700	63	450		8C-3611	—
1985-83	B7000- Diesel, Cat Eng	31T	655	177	175-4370	8C-3628
1983-80	School Bus Chassis	62	380		8C-3611	—
1979-75	B-500 TO B-850	27F	530		8C-3602	3T-5858
1977-75	B6000- Diesel, Opt	8D	1135		153-5720	628-8824
1967-63	B6000, B7000-Diesel	31T	655		175-4370	8C-3628
1977-75	B7000- Diesel, Opt	8D	1135		153-5720	628-8824
1977-75	B8000- Diesel	31T	655		175-4370	8C-3628
1977-75	B8000- Diesel, Opt	8D	1135		153-5720	628-8824
1977-59	All	27F	530		8C-3602	3T-5858
1965-62	Station Bus	27F	530		8C-3602	3T-5858
1955-53	All	2F	500		8C-3617	—
<b>Class 8 Truck</b>						
1998-97	LS9000- Diesel	31T	625	181	175-4370	8C-3628
1998-97	LS9000- Diesel, Opt	31T	900	15	354-3613	100-4081
1997-96	Louisville	31T	655	15	3T-5760	8C-3628
1997-96	Louisville- Opt	31T	900	15	354-3613	100-4081
1997-81	Cargo	62	380		8C-3611	—
1996-94	LL9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LL9000 OPT- Opt	31T	900	15	354-3613	100-4081

MAKE <sup>(25)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (26)	Replacement Option 1    Option 2	
1996-94	LL9000, LL9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LLA9000	31T	655	181	3T-5760	8C-3628
1996-94	LLA9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LLA9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LLA9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LLS9000	31T	655	181	3T-5760	8C-3628
1996-94	LLS9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LLS9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LLS9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LN 9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LN 9000 OPT, LN9000	31T	655	181	3T-5760	8C-3628
1996-94	LN9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LNT9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LNT9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LNT9000, LNT9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LS9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LS9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LS9000, LS9000 OPT	31T	625	181	175-4370	8C-3628
1996-94	LT9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LT9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LT9000, LT9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTA9000	31T	655	181	3T-5760	8C-3628
1996-94	LTA9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LTA9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTA9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LTL9000	31T	655	181	3T-5760	8C-3628
1996-94	LTL9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTL9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LTLA9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTLA9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LTL9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LTL9000, LTL9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTLA9000	31T	655	181	3T-5760	8C-3628
1996-94	LTLA9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LTLA9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTLA9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996-94	LTL9000	31T	655	181	3T-5760	8C-3628
1996-94	LTL9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LTL9000 OPT	31T	655	181	3T-5760	8C-3628
1996-94	LTL9000 OPT- Opt	31T	900	15	354-3613	100-4081
1996	LNT 9000 OPT	31T	655	181	3T-5760	8C-3628
1994	LN 9000	31T	655	181	3T-5760	8C-3628
1994	LN 9000- Opt	31T	900	15	354-3613	100-4081
1994	Louisville	31T	625	177	175-4370	8C-3628

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26 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(27)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (28)	Replacement		
				Option 1	Option 2	
		31T	655	15	3T-5760	8C-3628
1994	Louisville- Opt	31T	900	15	354-3613	100-4081
		31T	900	177	354-3613	100-4081
1993-91	LL9000, LL9000 OPT	31T	655	15	3T-5760	8C-3628
1993-91	LNT9000, LNT9000 OPT	31T	655	15	3T-5760	8C-3628
1993-89	LLA9000	31T	655	15	3T-5760	8C-3628
1993-89	LLA9000 OPT	31T	655	15	3T-5760	8C-3628
1993-89	LLS9000	31T	655	15	3T-5760	8C-3628
1993-89	LLS9000 OPT	31T	655	15	3T-5760	8C-3628
1993-89	LS9000- Opt	31T	625	181	175-4370	8C-3628
1993-89	LS9000 OPT - Opt	31T	625	181	175-4370	8C-3628
1993-89	LS9000, LS9000 OPT	31T	550	181	175-4370	8C-3628
1993-87	LT9000 OPT, LTA9000	31T	655	15	3T-5760	8C-3628
1993-87	LTA9000 OPT	31T	655	15	3T-5760	8C-3628
1993-87	LTL9000 OPT	31T	655	15	3T-5760	8C-3628
1993-87	LTLA9000	31T	655	15	3T-5760	8C-3628
1993-87	LTLA9000 OPT	31T	655	15	3T-5760	8C-3628
1993-87	LTLS9000	31T	655	15	3T-5760	8C-3628
1993-87	LTLS9000 OPT	31T	655	15	3T-5760	8C-3628
1993-87	LTS9000 OPT	31T	655	15	3T-5760	8C-3628
1993-82	LTS9000	31T	655	15	3T-5760	8C-3628
1993-81	LT9000, LTL9000	31T	655	15	3T-5760	8C-3628
1992	LLA9000	31T	655	15	3T-5760	8C-3628
1990-89	CL9000- Opt	31T	625	181	175-4370	8C-3628
1990-89	CL9000 OPT - Opt	31T	625	181	175-4370	8C-3628
1990-89	CL9000, CL9000 OPT	31T	550	181	175-4370	8C-3628
1990-89	CLT9000	31T	550	181	175-4370	8C-3628
1990-89	CLT9000- Opt	31T	625	181	175-4370	8C-3628
1988-87	LS9000 OPT	31T	655	15	3T-5760	8C-3628
1988-83	CL9000 OPT, CLT9000	31T	655	15	3T-5760	8C-3628
1988-83	LS9000	31T	655	15	3T-5760	8C-3628
1988-81	CL9000	31T	655	15	3T-5760	8C-3628
1979-78	LNT800- Opt	30H	655		8C-3627	430-5996
1979-78	LNT800, LT800	27F	530		8C-3602	3T-5858
1979-78	LNT8000- Diesel	31T	655	179	175-4370	8C-3628
1977-69	LNT8000- Diesel, Opt	4	775	179	8C-3633	—
1979-78	LNT900- Opt	30H	655		8C-3627	430-5996
1975-69	LNT9000- Diesel, Opt	4D	855	179	9X-9721	
1977-69	LNT9000, LTS-Diesel	31T	655	179	175-4370	8C-3628
1979-78	LT- Diesel, Opt	4	775	179	8C-3633	—
		4D	855	179	9X-9721	
1979-78	LT800- Opt	30H	655		8C-3627	430-5996

MAKE <sup>(27)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (28)	Replacement		
				Option 1	Option 2	
1979-78	LTS- Diesel, Opt	4	775	179	8C-3633	—
		4D	855	179	9X-9721	
1979-78	LTS800	27F	530		8C-3602	3T-5858
1979-78	LTS800- Opt	30H	655		8C-3627	430-5996
1979-75	LT- Diesel	31T	655	179	175-4370	8C-3628
1979-65	LNT900	27F	530		8C-3602	3T-5858
1977-75	LNT- Diesel, Cummins Diesel	4	775	173	8C-3633	—
1977-75	LNT- Diesel, Opt	4	775	173	8C-3633	—
1977-75	LNT- Diesel, Opt, Cat. Eng	8D	1135		153-5720	628-8824
1977-75	LNT, LST-9000-Diesel	31T	655	179	175-4370	8C-3628
1977-75	LST-9000- Diesel, Opt	4	775	173	8C-3633	—
1977-75	LT- Diesel, Cummins Diesel	4	775	173	8C-3633	—
1977-75	LT- Diesel, Opt	4	775	173	8C-3633	—
1977-75	LT- Diesel, Opt, Cat. Eng	8D	1135		153-5720	628-8824
1977-75	LTS8000- Diesel	31T	655	179	175-4370	8C-3628
1977-75	LTS8000- Diesel, Cummins Diesel	4	775	173	8C-3633	—
1977-75	LTS8000- Diesel, Opt, Cat. Eng	8D	1135		153-5720	628-8824
1977-65	LT900, LTS900	27F	530		8C-3602	3T-5858
<b>9000 Series</b>						
1996-94	L9000- Opt	31T	900	15	354-3613	100-4081
1996-94	L9000 OPT - Opt	31T	900	15	354-3613	100-4081
1996-94	L9000, L9000 OPT	31T	625	181	175-4370	8C-3628
1996-94	LA9000- Opt	31T	900	15	354-3613	100-4081
1996-94	LA9000 OPT - Opt	31T	900	15	354-3613	100-4081
1996-94	LA9000, LA9000 OPT	31T	655	181	3T-5760	8C-3628
1993-89	L9000- Opt	31T	625	181	175-4370	8C-3628
1993-89	L9000 OPT - Opt	31T	625	181	175-4370	8C-3628
1993-89	L9000, L9000 OPT	31T	550	181	175-4370	8C-3628
1993-89	LA9000, LA9000 OPT	31T	655	15	3T-5760	8C-3628
1988-87	L9000 OPT	31T	655	15	3T-5760	8C-3628
1988-81	L9000	31T	655	15	3T-5760	8C-3628
<b>Early Models</b>						
1964-58	L-7000, L-8000	22F	290		3T-5859	369-9958
		24F	350		3T-5858	250-0487
		27F	435		8C-3602	3T-5858
<b>Medium Trucks</b>						
1958-57	AT9522- Opt	31T	900	24, 179	354-3613	100-4081
1956-52	AT9522, L8501, L9501	31T	655	24, 179	3T-5760	8C-3628

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28 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(29)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (30)	Replacement		
				Option 1	Option 2	
1998-97	L8501, L9501 - Opt	31T	900	24, 179	354-3613	100-4081
1998-97	LT8501 - Opt	31T	900	24, 179	354-3613	100-4081
1998-97	LT8501, LT9501	31T	655	24, 179	3T-5760	8C-3628
1998-97	LT9501 - Opt	31T	900	24, 179	354-3613	100-4081
1998-97	LT9522	31T	655	24, 179	3T-5760	8C-3628
1998-97	LT9522 - Opt	31T	900	24, 179	354-3613	100-4081
1998-96	A9513 - Opt	4D	900	24, 179	354-3613	100-4081
1998-96	A9513, AT9513, L8513	8D	655	24, 179	3T-5760	8C-3628
1998-96	AT9513 - Opt	4D	900	24, 179	354-3613	100-4081
1998-96	L8513, L9513 - Opt	24	900	24, 179	354-3613	100-4081
1998-96	L9513, LT8513	31T	655	24, 179	3T-5760	8C-3628
1998-96	LT8513 - Opt	31T	900	24, 179	354-3613	100-4081
1998-96	LT9513	24	655	24, 179	3T-5760	8C-3628
1998-96	LT9513 - Opt	62	900	24, 179	354-3613	100-4081
1998	L8511, L9511 - Opt	62	900	24, 179	354-3613	100-4081
1998	L8511, L9511, L9522	63	655	24, 179	3T-5760	8C-3628
1998	L9522 - Opt	31T	900	24, 179	354-3613	100-4081
1998	LT8511 - Opt	62	900	24, 179	354-3613	100-4081
1998	LT8511, LT9511	27F	655	24, 179	3T-5760	8C-3628
1998	LT9511 - Opt	8D	900	24, 179	354-3613	100-4081
1997-93	L8000F - Opt	31T	900	24, 179	354-3613	100-4081
1997-93	L8000F, LA8000F	8D	655	24, 179	3T-5760	8C-3628
1997-93	LA8000F - Opt	31T	900	24, 179	354-3613	100-4081
1997-93	LS8000F - Opt	8D	900	24, 179	354-3613	100-4081
1997-93	LS8000F, LT8000F	27F	655	24, 179	3T-5760	8C-3628
1997-93	LT8000F - Opt	27F	900	24, 179	354-3613	100-4081
1997-93	LTS8000F	2F	655	24, 179	3T-5760	8C-3628
1997-93	LTS8000F - Opt	31T	900	24, 179	354-3613	100-4081

MAKE <sup>(29)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (30)	Replacement		
				Option 1	Option 2	
1997-92	LLA9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-92	LLA9000, LTLA9000	31T	655	24, 179	3T-5760	8C-3628
1997-92	LTLA9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-92	LTLS9000	31T	655	24, 179	3T-5760	8C-3628
1997-92	LTLS9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-88	LA9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-88	LA9000, LTA9000	31T	655	24, 179	3T-5760	8C-3628
1997-88	LTA9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-87	LS9000	31T	900	24, 179	3T-5760	8C-3628
1997-87	LS9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-82	LTL9000	31T	655	24, 179	3T-5760	8C-3628
1997-82	LTL9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-81	L9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997-81	L9000, LT9000	31T	900	24, 179	3T-5760	100-4081
1997-81	LT9000 - Opt	31T	655	24, 179	354-3613	8C-3628
1997-81	LTS9000	31T	900	24, 179	3T-5760	100-4081
1997-81	LTS9000 - Opt	31T	900	24, 179	354-3613	100-4081
1997	A9522	31T	625	24, 179	3T-5760	8C-3628
1997	A9522 - Opt	31T	900	24, 179	354-3613	100-4081
1997	CFT8000	31T	900		8C-3611	—
1996	A9513	31T	655	24, 179	175-4370	8C-3628
1991-89	CL9000	31T	655	24, 179	175-4370	8C-3628
1991-89	CL9000 - Opt	31T	900	24, 179	175-4370	8C-3628
1988-81	CL9000	31T	655	24, 179	3T-5760	8C-3628
<b>Medium/Heavy Truck</b>						
2015-99	F-450 Super Duty-Diesel	65	750	15	230-6368	9X-5408
2015-99	F-550 Super Duty	65	650		230-6368	250-0484
2015-99	F-550 Super Duty-Opt	65	750		230-6368	9X-5408
2015-99	F-550 Super Duty-Diesel	65	750	15	230-6368	9X-5408

29 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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30 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(31)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (32)	Replacement	
				Option 1	Option 2
2015-10	F-450 Super Duty	65	650		230-6368 250-0484
2015-10	F-450 Super Duty - Opt	65	750		230-6368 9X-5408
2015-03	E-450 Super Duty - Primary Battery	65	650		230-6368 250-0484
2014-11	F53	65	750		230-6368 9X-5408
2013-12	F650 - Opt	31T	900	24, 179	354-3613 100-4081
		65	650	24, 179	230-6368 250-0484
		65	750	24, 179	230-6368 9X-5408
2013-11	F750	31T	625	24, 179	175-4370 8C-3628
2013-00	F650	31T	625	24, 179	175-4370 8C-3628
2010-06	LCF	31T	900	24, 179	354-3613 100-4081
2010-06	LCF - Opt	31T	925	24, 179	354-3613 100-4081
2010-03	E-450 Super Duty - Diesel	65	750	24, 179	175-4370 8C-3628
2010-00	F650, F750 - Opt	31T	9000	15	175-4370 8C-3628
2010	F-450 Super Duty	65	650	24, 179	3T-5760 8C-3628
2010	F750 - Opt	31T	625	15	3T-5760 8C-3628
2009-06	F53	65	750	24, 179	3T-5760 8C-3628
2009-06	LCF	31T	925		3T-5760 8C-3628
2009-00	F750	31T	625	24, 179	3T-5760 8C-3628
2008-07	F650 - Opt	31T	625	24, 179	3T-5760 8C-3628
2008-06	F-450 Super Duty - Opt	65	650	24, 179	3T-5760 8C-3628
2008-00	F-450 Super Duty	65	650		230-6368 250-0484
2005-99	F-450 Super Duty	65	750		230-6368 9X-5408
2004-00	F53	65	650		230-6368 9X-5408
2003	E-550 Super Duty - Primary Battery	65	650		3T-5760 8C-3628
2003	E-550 Super Duty - Diesel	65	750		175-4370 8C-3628
2002-01	E-450 Econoline Super Duty - Primary Battery	65	750	15	175-4370 8C-3628
2002-00	E-450 Econoline Super Duty - Primary Battery	65	650		175-4370 8C-3628
2002-00	E-450 Econoline Super Duty - Opt	65	750		175-4370 8C-3628
2002-00	E-450 Econoline Super Duty - Diesel	65	750		175-4370 8C-3628

MAKE <sup>(31)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (32)	Replacement	
				Option 1	Option 2
2002	E-550 Econoline Super Duty - Primary Battery	65	650		230-6368 250-0484
		65	750		230-6368 9X-5408
2002	E-550 Econoline Super Duty - Diesel	65	750	15	230-6368 9X-5408
2000	E-450 Econoline Super Duty	65	750		230-6368 9X-5408
1999-97	Econoline Super Duty - Opt	65	750		230-6368 9X-5408
1999-97	Econoline Super Duty - Diesel	65	750	15	230-6368 9X-5408
1999-96	Econoline Super Duty - Primary Battery	65	650		230-6368 250-0484
1998-97	F800	62	380	24, 179	8C-3611 -
1998-88	F700	62	380	24, 179	8C-3611 -
1997-95	F Super Duty - Diesel	65	750	15	230-6368 9X-5408
1997-86	CF	31T	625		175-4370 8C-3628
1997	F Super Duty - Opt	65	750		230-6368 9X-5408
1997	F Super Duty, F53	59	540		8C-3612 -
1996-95	F59 - Diesel	56	450		8C-3611 -
1996-90	F Super Duty - Diesel	65	850	15	230-6368 9X-5408
1996-89	F53	65	650		230-6368 250-0484
1996-88	F Super Duty	65	650		230-6368 250-0484
1996-80	LN - Diesel	31T	625	179	175-4370 8C-3628
1996	Econoline Super Duty - Diesel, Left Side	65	850		230-6368 9X-5408
1994-93	F600	62	380	24, 179	8C-3612 -
1994-89	F59	65	750		230-6368 9X-5408
1993-80	LN	63	450		8C-3611 -
1991-80	F600, F800	62	380	24, 179	8C-3611 -
1989-88	FT800	62	380	24, 179	8C-3611 -
1989-88	F700	31T	655	24, 179	3T-5760 8C-3628
1989-80	B600, B700	63	450	24, 179	8C-3611 -
1989	F Super Duty - Diesel	65	850		230-6368 9X-5408
1988	F Super Duty - Diesel	65	750	15	230-6368 9X-5408
1986-83	C7000 - Diesel, Cat. Eng	31T	655	24, 179	175-4370 8C-3628
1986-81	LN-7000, LN-8000	31T	655	15	3T-5760 8C-3628
1964-58	L-7000, L-8000	22F	290	24, 179	3T-5760 8C-3628

**31 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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32 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(33)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (34)	Replacement		
				Option 1	Option 2	
1986-80	C600, C800, F700	62	380	24, 179	8C-3611	—
1986-80	FT800	62	380	24, 179	8C-3611	—
1998-97	B7000 - Diesel, Cat Eng	31T	655	24, 179	175-4370	8C-3628
1985-80	L800, LN600, LN700	31T	450	24, 179	8C-3611	—
1985-80	LN-600, LN-700	63	450		8C-3611	—
1985-80	LN-800	63	450		8C-3611	—
1985-80	LN800	63	450	24, 179	8C-3611	—
1983	B7000- Diesel, Cat. Eng	31T	655	24, 179	3T-5760	8C-3628
1983	F700- Opt	31T	655	24, 179	3T-5760	8C-3628
1980-78	LN-7000- Diesel	31T	655	179	175-4370	8C-3628
1980-78	LN-7000- Diesel, Opt	4D	855	179	9X-9721	
1980-78	LN-8000- Diesel	31T	655	179	175-4370	8C-3628
1980-78	LN-8000- Diesel, Opt	4D	855	179	9X-9721	
1979-78	LN - Diesel	31T	655	179	175-4370	8C-3628
1979-78	LN - Diesel, Opt	4D	855	179	9X-9721	
1979-78	LN-600	24F	525		3T-5858	250-0487
1979-78	LN-700	27F	530		8C-3602	3T-5858
1979-78	LN-800- Opt	30H	655		8C-3627	430-5996
1979-65	LN-800	27F	530		8C-3602	3T-5858
1977-65	LN-500, LN-600	24F	350		3T-5858	250-0487
1977-65	LN-600 w/ 300 330 Eng	24F	525		3T-5858	250-0487
1977-65	LN-700	24F	350		3T-5858	250-0487
1977-65	LN-750	27F	530		8C-3602	3T-5858
<b>F, FT Series</b>						
2013-12	F650	65	650	177	230-6368	250-0484
2013-12	F650- Opt	65	750	177	230-6368	9X-5408
2013-00	F650	31T	625	177	175-4370	8C-3628
2013-00	F650- Opt	31T	900	177	354-3613	100-4081
2013	F750	31T	625	181	175-4370	8C-3628
2013	F750- Opt	31T	900	181	354-3613	100-4081
<b>Trucks</b>						
2010-06	LCF	31T	900	15	354-3613	100-4081
2010-06	LCF- Opt	31T	925	173	354-3613	100-4081
2005-04	LCF	31T	925	173	354-3613	100-4081
1985-80	L-600, L-700	63	450		8C-3611	—
1979-78	L - Diesel, Opt	4	775	179	8C-3633	—
		4D	855	179	9X-9721	
1979-78	L-900	27F	540		8C-3602	3T-5858
1979-78	L-900- Opt	29H	655		8C-3627	430-5996
1979-75	L - Diesel	31T	655	179	175-4370	8C-3628

MAKE <sup>(33)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (34)	Replacement		
				Option 1	Option 2	
1977-75	L- Diesel, Cummins Diesel	4	775	173	8C-3633	—
1977-75	L- Diesel, Opt	4	775	173	8C-3633	—
1977-75	L- Diesel, Opt, Cat. Eng	8D	1135		153-5720	628-8824
<b>7000, 8000 Series</b>						
1998-94	All- Diesel, Ford engine	24	600	177	153-5656	3T-5857
<b>9000 Series</b>						
1998-94	Cat 3176 Eng- Diesel, Opt	31T	900	15	354-3613	100-4081
1998-94	Cat 3306 Eng- Diesel, Opt	31T	900	177	354-3613	100-4081
1998-94	Cat 3406 Eng- Diesel	31T	625	177	175-4370	8C-3628
1998-94	Cat 3406 Eng- Diesel, Opt	31T	900	177	354-3613	100-4081
1998-94	Cummins L-10 Eng- Diesel, Opt	31T	625	177	175-4370	8C-3628
		31T	900	15	354-3613	100-4081
1998-94	Cummins M-11 Eng- Diesel	31T	625	179	175-4370	8C-3628
		31T	900	15	354-3613	100-4081
1998-94	Cummins N-14 Eng- Diesel	31T	900	15	354-3613	100-4081
1998-94	DDC Series 60- Diesel, Opt	31T	900	15	354-3613	100-4081
1998-92	Cummins N-14 Eng- Diesel	31T	625	179	175-4370	8C-3628
1998-90	Cat 3176 Eng- Diesel	31T	625	179	175-4370	8C-3628
1998-89	Cat 3306 Eng- Diesel	31T	625	179	175-4370	8C-3628
1998-89	Cummins L-10 Eng- Diesel	31T	625	179	175-4370	8C-3628
1993-92	Cummins N-14 Eng- Diesel	65	550	15	230-6368	9X-5408
1993-90	Cat 3176 Eng- Diesel, Opt	31T	950	179	354-3613	100-4081
1993-89	Cat 3406 Eng- Diesel	31T	550	179	175-4370	8C-3628
1993-89	Cummins L-10 Eng- Diesel	31T	550	179	175-4370	8C-3628
1991-89	Cummins Formula Eng- Diesel	31T	550	179	175-4370	8C-3628
1991-89	Cummins Formula Eng- Diesel, Opt	31T	625	179	175-4370	8C-3628
1991-89	Cummins NTC Eng- Diesel	31T	550	179	175-4370	8C-3628
1991-89	Cummins NTC Eng- Diesel, Opt	31T	625	179	175-4370	8C-3628
1988-87	Cat 3406 Eng- Diesel	31T	655	179	175-4370	8C-3628
1988-87	Cummins Formula Eng- Diesel	31T	655	179	175-4370	8C-3628

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34 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(35)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (36)	Replacement Option 1    Option 2	
1988-87	Cummins L-10 Eng - Diesel	31T	655	179	175-4370	8C-3628
1987	L9000 OPT	62	380	15	3T-5760	8C-3628
<b>Aeromax, Louisville</b>						
1998-96	8500 W/FD-1460 Eng - Diesel	31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
		31T	900	181	354-3613	100-4081
1998-96	Cat 3306 Eng - Diesel	31T	625	15	175-4370	8C-3628
		31T	900	15	354-3613	100-4081
1998-94	DDC Series 60- Diesel	31T	625	179	175-4370	8C-3628
		31T	900	181	354-3613	100-4081
<b>C, CT Series</b>						
1997-94	C Series- Diesel	24	600	15	153-5656	3T-5857
		31T	625	15	175-4370	8C-3628
1998-94	C Series- Diesel, Opt	31T	900	15	354-3613	100-4081
1990-88	All W/Cat 3208 & 3406- Diesel	31T	655	177	175-4370	8C-3628
1986-83	C-7000- Diesel, Cat. Eng	31T	655	177	175-4370	8C-3628
1986-80	C-600, C-700, C-750	62	380		8C-3611	—
1986-80	C-800	62	380		8C-3611	—
1979-78	C-600, C-700- Opt	30H	655		8C-3627	430-5996
1979-78	C-7000- Diesel, Opt	4D	855	147	9X-9721	
1979-78	C-800- Opt	30H	655		8C-3627	430-5996
1979-78	CT-800- Opt	30H	655		8C-3627	430-5996
1979-78	CT-800, CT-900	27F	530		8C-3602	3T-5858
1979-78	CT-8000- Diesel	31T	655	147	175-4370	8C-3628
1979-78	CT-8000- Diesel, Opt	4D	855	147	9X-9721	
1979-78	CT-900- Opt	30H	655		8C-3627	430-5996
1979-75	C-600, C-700	27F	530		8C-3602	3T-5858
1979-75	C-7000- Diesel	31T	655	147	175-4370	8C-3628
1979-72	C-800	27F	530		8C-3602	3T-5858
1978-72	C-7000- Diesel, Opt	4D	700	15	9X-9721	
1978-72	C-7000, C-8000- Diesel	8D	900	147	153-5720	628-8824
1978-72	C-8000- Diesel, Opt	4D	700	15	9X-9721	
1977-75	C-6000- Diesel	31T	655	147	175-4370	8C-3628
1977-75	C-6000- Diesel, Opt	8D	1135	147	153-5720	628-8824
1977-75	C-7000- Diesel, Opt	8D	1135	147	153-5720	628-8824
1977-72	C-750, C-900	27F	530		8C-3602	3T-5858
1977-64	C-800, C-900, CT-800	27F	415		8C-3602	3T-5858
1977-64	CT-900	27F	415		8C-3602	3T-5858
1975-65	C-700, C-500, C-600	24F	350		3T-5858	250-0487
1975-65	C-750	24F	350		3T-5858	250-0487

MAKE <sup>(35)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (36)	Replacement Option 1    Option 2	
1971-68	C-6000- Diesel, Opt	8D	900		153-5720	628-8824
1971-68	C-6000, C-7000- Diesel	30H	545	15	8C-3627	430-5996
1971-68	C-7000- Diesel, Opt	8D	900		153-5720	628-8824
1968-65	All- Diesel	27F	500		8C-3602	3T-5858
1964-62	C-550, C-600, C-700	30H	655		8C-3627	430-5996
<b>CF, CFT, CL, CLT, Cargo Series</b>						
1997-94	All- Diesel	24	600	177, 182	153-5656	3T-5857
1997-94	All- Diesel, Opt	31T	900	179	354-3613	100-4081
1995-94	All- Diesel, Opt	31T	625	179	175-4370	8C-3628
1993-87	All CL9000- Diesel	31T	625	179	175-4370	8C-3628
<b>F, FT Series</b>						
2012-11	F750	31T	625	181	175-4370	8C-3628
2012-10	F750- Opt	31T	625	181	175-4370	8C-3628
2012-00	F750- Opt	31T	900	181	354-3613	100-4081
2011	F650	31T	625	177	175-4370	8C-3628
2011	F650- Opt	31T	900	177	354-3613	100-4081
2009-00	F750	31T	625	181	175-4370	8C-3628
2008	All- Diesel	65	650		230-6368	250-0484
2008	All- Opt	65	650		230-6368	250-0484
		65	750		230-6368	9X-5408
2006	F-550	31T	650	173	175-4370	8C-3628
1998-97	F-800	62	380		8C-3611	—
1998-80	F700	62	380		8C-3611	—
1997-95	All	62	380		8C-3611	—
1997-94	All- Diesel	31T	625	3, 177	175-4370	8C-3628
1997-94	All- Diesel, Opt	31T	900	15	354-3613	100-4081
1994-80	F-600	62	380		8C-3611	—
1994	All	31T	900	179	354-3613	100-4081
1993-92	All	31T	650	179	175-4370	8C-3628
1991-80	F-800	62	380		8C-3611	—
1990-88	FT800	62	380		8C-3611	—
1989-87	F700	31T	655	15	3T-5760	8C-3628
1987-83	All W/Cat 3208 & 3406- Diesel	31T	655	177	175-4370	8C-3628
1986-80	FT800	62	380		8C-3611	—
1983	F700- Opt	31T	655	15	3T-5760	8C-3628
1979-78	F-7000- Diesel, Opt	4D	855	179	9X-9721	
1979-78	F-8000- Diesel	31T	655	179	175-4370	8C-3628
1979-78	F-8000- Diesel, Opt	4D	855	179	9X-9721	
1979-75	F-7000- Diesel	31T	655	179	175-4370	8C-3628
1979-65	F-500- 6 Cylinder	24F	525		3T-5858	250-0487
1979-65	F-600- 6 Cylinder	24F	525		3T-5858	250-0487
1979-65	F-600, F-800, F-880	27F	530		8C-3602	3T-5858
1979-65	F700, F750	27F	530		8C-3602	3T-5858

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36 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(37)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (38)	Replacement		
				Option 1	Option 2	
1977-75	F-7000 - Diesel, Opt	8D	1135	147	153-5720	628-8824
1973-68	F-6000 - Diesel, Opt	8D	900	15	153-5720	628-8824
1973-68	F-6000, F-7000-Diesel	30H	545	15	8C-3602	3T-5858
1973-68	F-7000 - Diesel, Opt	8D	900	15	153-5720	628-8824
1964-62	All	27F	530		8C-3602	3T-5858
<b>L, LA, LL, LLA, LLS, LN, LS, LT, LTA, LTS, LNT, LT</b>						
1998-94	All - Diesel, Opt, Ford engine	31T	625		175-4370	8C-3628
		31T	900	15	354-3613	100-4081
1990-89	Cat 3208 Eng - Diesel	31T	625	177	175-4370	8C-3628
<b>L, LN, LNT, LTS Series</b>						
1985-80	L-800	63	450		8C-3611	—
1979-78	L-800 - Opt	30H	655		8C-3627	430-5996
1979-65	L-800	27F	530		8C-3602	3T-5858
<b>P Series</b>						
1997-94	P600G	31T	625	181	175-4370	8C-3628
1974-64	All	22F	290		3T-5859	369-9958
<b>FORETRAVEL</b>						
<b>Motor Home Chassis</b>						
2014-13	IH, NIMBUS, PHENIX	31T	925		354-3613	100-4081
<b>FREIGHTLINER</b>						
<b>Class 8 Dump</b>						
1996-95	FLD-112 REV	31T	750	173	3T-5760	8C-3628
1993	132	31T	750	173	3T-5760	8C-3628
<b>Class 8 Fire/Crash</b>						
2012-99	Fire Truck	31T	750	173	3T-5760	8C-3628
<b>Class 8 Truck</b>						
2014-13	Evolution	31T	750	173	3T-5760	8C-3628
2014-13	Fire Truck	31T	750	173	3T-5760	8C-3628
2014-09	Coronado SD	31T	750	173	3T-5760	8C-3628
2014-07	Cascadia	31T	750	173	3T-5760	8C-3628
1977-65	Cargo, Coronado, M2	31T	750	173	3T-5760	8C-3628
2014	Argosy	31T	750	173	3T-5760	8C-3628
2010-03	Century Class S/T	31T	750	148	3T-5760	8C-3628
2010-03	Century, Columbia	31T	750	173	3T-5760	8C-3628
2009-07	FLD SD	31T	750	173	3T-5760	8C-3628
2009-03	Classic	31T	750	173	3T-5760	8C-3628
2009-03	Severe-Duty FLD	31T	750	173	3T-5760	8C-3628
2008-92	FL-106, FL-112	31T	750	181	3T-5760	8C-3628
2006-98	FL70	31T	750	181	3T-5760	8C-3628
2006-97	Argosy	31T	750	173	3T-5760	8C-3628
2005-03	Condor	31T	750	173	3T-5760	8C-3628
2003-91	FL80	31T	750	181	3T-5760	8C-3628

MAKE <sup>(37)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (38)	Replacement		
				Option 1	Option 2	
2000-80	FLD - Cummins Diesel	31T	750	181	3T-5760	8C-3628
1996-95	FL90	31T	750	181	3T-5760	8C-3628
1996-93	132	31T	750	181	3T-5760	8C-3628
1996-91	112SD, 120SD	31T	750	179	3T-5760	8C-3628
1996-91	MB-80	31T	750	181	3T-5760	8C-3628
1996-90	COE	31T	750	181	3T-5760	8C-3628
1996-89	FLC Series	31T	750	181	3T-5760	8C-3628
1996-81	112, 120	31T	750	179	3T-5760	8C-3628
1996	Century 112	31T	750	181	3T-5760	8C-3628
1996	Century 120, FLD 120	31T	750	181	3T-5760	8C-3628
1996	FLD 120SD	31T	750	181	3T-5760	8C-3628
1995-90	FLD-120	31T	750	181	3T-5760	8C-3628
1994-92	MB-Series Business Class	31T	900	15	354-3613	100-4081
1992-80	FL-112 - Cummins Diesel	31T	900	15	354-3613	100-4081
1991-80	FL-106 - Cummins Diesel	31T	625	179	175-4370	8C-3628
1991-80	FL80 - Cummins Diesel	31T	625	179	175-4370	8C-3628
1990-89	FLC-11242	31T	750	181	3T-5760	8C-3628
1988-81	FLC-11242	31T	625	181	175-4370	8C-3628
1988-80	FLC Series	31T	625	181	175-4370	8C-3628
<b>Medium Duty</b>						
2016-15	MT45 - Gas	31T	750	24, 148	3T-5760	8C-3628
2016-14	M2 112 - Diesel	31T	750	24, 148	3T-5760	8C-3628
2016-13	M2 112	31T	750	24, 148	3T-5760	8C-3628
2016-08	Cascadia	31T	750	24, 148	3T-5760	8C-3628
2016-08	XC Modular Rail	31T	750	24, 148	3T-5760	8C-3628
2016-07	XC Lowered Rail	31T	750	24, 148	3T-5760	8C-3628
2016-05	B2, XB Straight Rail	31T	750	24, 148	3T-5760	8C-3628
2016-05	XC Raised Rail	31T	750	24, 148	3T-5760	8C-3628
2016-05	XC Straight Rail	31T	750	24, 148	3T-5760	8C-3628
2016-04	MT55	31T	750	24, 148	3T-5760	8C-3628
2016-03	Coronado	31T	750	24, 148	3T-5760	8C-3628
2016-01	MT45	31T	750	24, 148	3T-5760	8C-3628
2016	Cascadia - Natural Gas	31T	750	24, 148	3T-5760	8C-3628

37 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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38 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(39)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (40)	Replacement Option 1    Option 2	
2015-14	Argosy	31T	750	24, 148	3T-5760	8C-3628
2015-13	108SD	31T	750	24, 148	3T-5760	8C-3628
2015-13	114SD- Diesel	31T	750	24, 148	3T-5760	8C-3628
2015-09	XB Line	31T	750	24, 148	3T-5760	8C-3628
2015-00	Columbia	31T	750	24, 148	3T-5760	8C-3628
2015	MT55- Gas	31T	750	24, 148	3T-5760	8C-3628
2014-13	114SD	31T	750	24, 148	3T-5760	8C-3628
2014	Cascadia- Natural Gas	31T	750	24, 148	3T-5760	8C-3628
2013	Cascadia- Diesel	31T	750	24, 148	3T-5760	8C-3628
2012	Argosy	31T	750	24, 148	3T-5760	8C-3628
2012	M2 112- Diesel	31T	750	24, 148	3T-5760	8C-3628
2011-97	Century Class	31T	750	24, 148	3T-5760	8C-3628
2011-03	Classic, M2 112	31T	750	24, 148	3T-5760	8C-3628
2009-99	Argosy	31T	750	24, 148	3T-5760	8C-3628
2008-05	XB Raised Rail	31T	750	24, 148	3T-5760	8C-3628
2007-05	XC Formed Rail	31T	750	24, 148	3T-5760	8C-3628
2007-01	Condor	31T	750	24, 148	3T-5760	8C-3628
2006-01	FB65	31T	750	24, 148	3T-5760	8C-3628
2005-95	XB Line	31T	750	24, 148	3T-5760	8C-3628
2005-02	M2 100	31T	750	24, 148	3T-5760	8C-3628
2005-01	XC	31T	750	24, 148	3T-5760	8C-3628
2005	FLD120	31T	750	24, 148	3T-5760	8C-3628
2003-01	XC Straight Rail	31T	750	24, 148	3T-5760	8C-3628
2002-01	FC80	31T	750	24, 148	3T-5760	8C-3628
2001-89	FLC112	31T	750	24, 148	3T-5760	8C-3628
2001-88	FLD120	31T	750	24, 148	3T-5760	8C-3628
2001	Coronado	31T	750	24, 148	3T-5760	8C-3628
2000-91	FLD112	31T	750	24, 148	3T-5760	8C-3628

MAKE <sup>(39)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (40)	Replacement Option 1    Option 2	
1998	FLC120	31T	750	24, 148	3T-5760	8C-3628
1988-86	FLC112	31T	625	24, 148	175-4370	8C-3628
1988-81	FLC120	31T	750	24, 148	3T-5760	8C-3628
<b>Medium/Heavy Truck</b>						
2014-99	MT55	31T	750	181	3T-5760	8C-3628
2014-98	MT45	31T	750	181	3T-5760	8C-3628
2014-97	MT35	31T	750	181	3T-5760	8C-3628
2014-13	122SD	31T	750	179	3T-5760	8C-3628
2014-12	108SD, 114SD	31T	750	179	3T-5760	8C-3628
2014-09	M2 112, M2 Hybrid	31T	750	173	3T-5760	8C-3628
2014-08	M2e Hybrid	31T	750	173	3T-5760	8C-3628
2014-07	Argosy	31T	750	173	3T-5760	8C-3628
2014-04	Business Class M2	31T	750	173	3T-5760	8C-3628
2014-03	M2 106	31T	750	173	3T-5760	8C-3628
2013-09	M2 112	31T	750	24, 148	3T-5760	8C-3628
2013-03	M2 106	31T	750	24, 148	3T-5760	8C-3628
2012-11	Coronado	31T	750	24, 148	3T-5760	8C-3628
2012-08	Cascadia	31T	750	24, 148	3T-5760	8C-3628
2012-04	Business Class M2	31T	750	24, 148	3T-5760	8C-3628
2012	108SD, 114SD	31T	750	24, 148	3T-5760	8C-3628
2011-99	Argosy, MT55	31T	750	24, 148	3T-5760	8C-3628
2011-98	MT45	31T	750	24, 148	3T-5760	8C-3628
2011-96	Century Class	31T	750	173	3T-5760	8C-3628
		31T	750	24, 148	3T-5760	8C-3628
2011-00	Columbia	31T	750	24, 148	3T-5760	8C-3628
2009-97	MT35	31T	750	24, 148	3T-5760	8C-3628
2009-02	Coronado	31T	750	24, 148	3T-5760	8C-3628
2009-01	Classic XL	31T	750	173	3T-5760	8C-3628
2009-01	Classic, Classic XL	31T	750	24, 148	3T-5760	8C-3628
2007-99	FC80	31T	750	181	3T-5760	8C-3628
		31T	750	24, 148	3T-5760	8C-3628
2007-06	Condor	31T	750	173	3T-5760	8C-3628
2007-01	Condor	31T	750	24, 148	3T-5760	8C-3628
2006-96	FS65	31T	750	181	3T-5760	8C-3628

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40 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(41)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (42)	Replacement	
				Option 1	Option 2
		31T 750	24, 148	3T-5760	8C-3628
2006-03	M2-Series Business Class	31T 750	148	3T-5760	8C-3628
2005-95	FL50	31T 750	181	3T-5760	8C-3628
		31T 750	24, 148	3T-5760	8C-3628
2005-92	FL70	31T 750	24, 148	3T-5760	8C-3628
2005-91	FL80	31T 750	24, 148	3T-5760	8C-3628
2005-04	FL80	31T 750	181	3T-5760	8C-3628
2005-02	XC	31T 750	173	3T-5760	8C-3628
		31T 750	24, 148	3T-5760	8C-3628
2004-99	FC70	31T 750	181	3T-5760	8C-3628
		31T 750	24, 148	3T-5760	8C-3628
2004-91	FL60	31T 750	181	3T-5760	8C-3628
		31T 750	24, 148	3T-5760	8C-3628
2003-99	Cargo	31T 750	173	3T-5760	8C-3628
2003-99	FC80 Cargo	31T 750	181	3T-5760	8C-3628
2003-96	FL112	31T 750	24, 148	3T-5760	8C-3628
2003-94	FL106	31T 750	24, 148	3T-5760	8C-3628
2003-92	FL70	31T 750	181	3T-5760	8C-3628
2002-01	Classic, Condor	31T 750	173	3T-5760	8C-3628
2002-00	Columbia	31T 750	173	3T-5760	8C-3628
2002	Coronado	31T 750	173	3T-5760	8C-3628
1995-80	FL50- Cummins Diesel	31T 750	179	3T-5760	8C-3628
1994-92	MB60, MB70	31T 750	181	3T-5760	8C-3628
		31T 750	24, 148	3T-5760	8C-3628
1992-91	FL70- Cummins Diesel	31T 750	24, 148	3T-5760	8C-3628
1992-80	FL70- Cummins Diesel	31T 750	179	3T-5760	8C-3628
1992	FL60- Cummins Diesel	31T 750	24, 148	3T-5760	8C-3628
<b>Motor Home Chassis</b>					
2014-13	Fred, SL Chassis	31T 750	181	3T-5760	8C-3628
2014-06	MC Chassis	31T 750	181	3T-5760	8C-3628
2014-00	XC Chassis	31T 750	173	3T-5760	8C-3628
<b>School Bus Chassis</b>					
2014-04	C2	31T 750	181	3T-5760	8C-3628
<b>Class 8 Truck</b>					
2014-10	MB65	31T 750	181	3T-5760	8C-3628

MAKE <sup>(41)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (42)	Replacement	
				Option 1	Option 2
2014-00	XB Chassis	31T 750	173	3T-5760	8C-3628
<b>Medium Duty</b>					
2006	All Business Class M- Cummins Diesel	31T 750	173	3T-5760	8C-3628
2004-92	FL-Series Business Class	31T 750	148	3T-5760	8C-3628
2000-80	C112- Cummins Diesel	31T 750	181	3T-5760	8C-3628
2000-80	C120- Cummins Diesel	31T 750	181	3T-5760	8C-3628
2000-80	FLA- Cummins Diesel	31T 750	181	3T-5760	8C-3628
2000-80	FLB- Cummins Diesel	31T 750	181	3T-5760	8C-3628
2000-80	FLS- Cummins Diesel	31T 750	181	3T-5760	8C-3628
1992-80	FL60- Cummins Diesel	31T 750	179	3T-5760	8C-3628
<b>FREIGHTLINER</b>					
1967-63	W/Cummins C Eng	8D 935		153-5720	628-8824
1967-63	W/Cummins J Eng	4D 800		9X-9721	
1967-58	W/All other IHC Eng	30H 525		8C-3627	430-5996
1967-56	IHC BD-220Thru BG-265 Eng	27 525		153-5656	8C-3601
1966-65	554G- Waukeska Eng.	31T 750	15	9X-9721	
1966-65	817G- Waukeska Eng.	31T 750	15	9X-9721	
1966-65	F817F- Waukeska Eng.	31T 750	15	9X-9721	
1966	All GM Eng	8D 935	147	153-5720	628-8824
1965-54	140GK- Waukeska Eng.	31T 750	15	9X-9721	
2016-07	140GKB- Waukeska Eng.	31T 750	15	9X-9721	
2016-05	140GZ- Waukeska Eng.	31T 750	15	9X-9721	
2016-05	145GK- Waukeska Eng.	31T 750	15	9X-9721	
2016-05	GM Eng Exc (3-71, 6-71, 4-71, 6V-71)	31T 750	147	9X-9721	
1965	GM 6V-71	8D 935		153-5720	628-8824
1962-55	W/Cummins Eng	4D 800	15	9X-9721	
1962-52	140GK- Waukeska Eng.	4 800	15	8C-3633	—
1962-52	140GKB- Waukeska Eng.	4 800	15	3T-5760	—
1962-52	140GZ- Waukeska Eng.	4 800	15	3T-5760	—
1962-52	145GK- Waukeska Eng.	4 800	15	3T-5760	—

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42 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(43)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (44)	Replacement Option 1    Option 2	
1957-55	135GKB - Waukeska Eng.	4	800	15	8C-3633	—
1957-55	135GZB - Waukeska Eng.	4	800	15	8C-3633	—
1957-55	All IHC Eng Exc BD-220 Thru BG-265	4	800	15	8C-3633	—
1955-52	W/BUDA DC-844 Eng	8D	935		153-5720	628-8824
1955-52	W/Hercules 6BC-QXLD Eng	2E	550		8C-3632 {30}	—
1955-52	MT55 - Gas	31T	750		8C-3633	—
2014-13	114SD	31T	750		153-5720	628-8824
2014	Cascadia - Natural Gas	31T	750		153-5720	628-8824
2013	Cascadia - Diesel	31T	750		8C-3633	—
<b>GILLIG CORP.</b>						
<b>Coaches</b>						
2000-95	Lowfloor 35/40	8D	1300	15	153-5720	628-8824
2000-95	MIDI 29	8D	1300	15	153-5720	628-8824
1995-85	30TB - Opt	8D	1200	15	153-5720	628-8824
1995-84	30TB, 35TB, 40TB	31T	475	173	175-4370	8C-3628
1995-84	35TB, 40TB - Opt	8D	1200	15	153-5720	628-8824
1992-89	Spirit	31T	475	173	175-4370	8C-3628
1992-89	Spirit - Opt	8D	1200	15	153-5720	628-8824
1984-81	30TA	31T	475	173	175-4370	8C-3628
1984-81	30TA, 35TA - Opt	8D	1000	15	153-5720	628-8824
1984-81	40TA - Opt	8D	1000	15	153-5720	628-8824
1984-80	30T, 35TA, 40T, 40TA	31T	475	173	175-4370	8C-3628
1984-80	555VT	31T	475	173	175-4370	8C-3628
1982-79	426D, 636D, 855D	31T	475	173	175-4370	8C-3628
1979-76	555VT	8D	830	15	153-5720	628-8824
1979-68	586, 636D, 743D	8D	830	15	153-5720	628-8824
1979-68	855D	8D	830	15	153-5720	628-8824
1978-68	210, 318D, 426D	8D	830	147	153-5720	628-8824
1978-68	426V, C-190	8D	830	147	153-5720	628-8824
1974-68	501, 534, 590	4	630	15	8C-3633	—
1967-60	318D, 490A, C-180	6D	850	15	153-5700	
1967-58	672D, 743D, JNS	6D	850	15	153-5700	
1964-51	190, 332, 490A, 501	2	550	15	8C-3629	8C-3617
1964-51	534, 590	2	550	15	8C-3629	8C-3617
1963-50	317, 450, 501, 504	2L	550	15	8C-3629 {25}	8C-3617 {25}
1963-50	590	2L	550	15	8C-3629 {25}	8C-3617 {25}
<b>GMC DIVISION</b>						
<b>Volvo GM Heavy Truck Corp.</b>						
<b>Buses</b>						
1983-80	5000-9500 - Diesel	31T	580	173	175-4370	8C-3628

MAKE <sup>(43)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (44)	Replacement Option 1    Option 2	
1979-76	P8M-4108A, SA-4905	31T	475		175-4370	8C-3628
1979-76	SAI-4905, TH-8201	31T	475		175-4370	8C-3628
1970-64	HM-8500, JM-8500	27	350		153-5656	8C-3601
1970-64	TDH-3301, TDH-3501	8D	880		153-5720	628-8824
1970-64	TGH-3301, TGH-3501	8D	880		153-5720	628-8824
1970-64	TM-8500, WM-8500	27	350		153-5656	8C-3601
1970	PD-4108, PD-4905	8D	880	15	153-5720	628-8824
1970	S6H/S6M-4503	8D	880	15	153-5720	628-8824
1970	S8H/S8M-4503	8D	880	15	153-5720	628-8824
1970	T6H-4520, T6H-4521	8D	880	15	153-5720	628-8824
1970	T8H-4520, T8H-4521	8D	880	15	153-5720	628-8824
1970	T8H-5306	8D	880	15	153-5720	628-8824
<b>Class 8 Truck</b>						
1991-90	8000	31T	625		175-4370	8C-3628
1991-90	8000 - Opt	4D	800		9X-9721	
		8D	800		153-5720	628-8824
1991	8000 - Opt	74	550		369-9957	7X-6100
1989-84	GM 8000 - Opt	31T	580		175-4370	8C-3628
		31T	625		175-4370	8C-3628
					7X-6100 {32}	250-0489 {32}
		74	550		369-9957	7X-6100
		78	515		369-9957	7X-6100
		78	540		369-9957	7X-6100
<b>Brigadier</b>						
1990-81	8000	31T	580		175-4370	8C-3628
1990-81	8000 - Opt	31T	625		175-4370	8C-3628
		31T	630		175-4370	8C-3628
		74	550		369-9957	7X-6100
		78	515		369-9957	7X-6100
		78	540		369-9957	7X-6100
1989-83	8000	31T	625		175-4370	8C-3628
1989-83	8000 - Opt	4D	800		9X-9721	
		8D	800		153-5720	628-8824
1987-84	8000 - Opt	31T	580		175-4370	8C-3628
2006-96	FS65	71	390		7X-6100 {32}	250-0489 {32}
<b>Topkick</b>						
2009-03	C8500	31T	700	177	3T-5760	8C-3628
2009-03	C8500 - Opt	31T	750	177	3T-5760	8C-3628
<b>Medium Duty</b>						
1994	C3500HD	78	600	24, 179	369-9957	7X-6100
<b>Medium/Heavy Truck</b>						
2015-10	Savana 4500 - Opt	78	770	24, 179	127-0826	430-5997

43 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

44 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(45)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (46)	Replacement	
					Option 1	Option 2
2015-09	Savana 4500	78	600	24, 179	369-9957	7X-6100
2015-09	Savana 4500- Diesel	78	770	24, 179	127-0826	430-5997
2010-98	W4500 Forward - Opt	31T	700	177	3T-5760	8C-3628
2010-09	W4500 Forward - Opt	31T	700		3T-5760	8C-3628
2010-05	W4500 Forward	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2010-05	W4500 Forward-Opt	31T	750	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2010-00	W4500 Forward - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
		78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2009-97	C6500 Topkick - Opt	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
2009-97	C7500 Topkick - Opt	31T	750	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
2009-05	W5500 Forward	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2009-05	W5500 Forward - Opt	31T	700	177	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2009-05	W5500HD Forward	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2009-05	W5500HD Forward - Opt	31T	750	177	3T-5760	8C-3628
2009-04	T6500	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2009-04	T6500 - Opt	31T	750	24, 179	3T-5760	8C-3628
2009-04	T6500, T7500	31T	700	177	3T-5760	8C-3628
2009-04	T6500, T7500 - Opt	31T	750	177	3T-5760	8C-3628
2009-04	T7500 - Opt	31T	700	24, 179	3T-5760	8C-3628

MAKE <sup>(45)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (46)	Replacement	
					Option 1	Option 2
		31T	750	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
2009-04	W5500HD Forward - Opt	31T	750	24, 179	3T-5760	8C-3628
2009-03	C4500 Topkick - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2009-03	C5500 Topkick - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2009-03	C6500 Topkick	31T	700	24, 179	3T-5760	8C-3628
2009-03	C6500 Topkick - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	750	24, 179	127-0826	430-5997
2009-03	C7500 Topkick	31T	700	24, 179	3T-5760	8C-3628
2009-03	C7500 Topkick - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	750	24, 179	127-0826	430-5997
2009	C4500 Topkick - Diesel	31T	750	24, 179	3T-5760	8C-3628
2009	C4500 Topkick - Opt	48	615	24, 179	430-5993	430-6001
2009	C5500 Topkick - Diesel	31T	700	24, 179	3T-5760	8C-3628
2009	C5500 Topkick - Opt	48	615	24, 179	430-5993	430-6001
2009	C6500 Topkick - Opt	48	615	24, 179	430-5993	430-6001
2009	C7500 Topkick - Opt	48	615	24, 179	430-5993	430-6001
2008-05	W3500 Forward - Opt	31T	700	15	3T-5760	8C-3628
		78	600		369-9957	7X-6100
2008-05	W3500 Forward	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
2008-05	W3500 Forward - Opt	31T	750	177	3T-5760	8C-3628
		48	700	15	430-5996	430-6001
		48	700	24, 179	430-5996	430-6001
2008-05	W4500 Forward - Diesel	31T	700	24, 179	3T-5760	8C-3628

45 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

46 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(47)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (48)	Replacement Option 1    Option 2	
1957-55	W3500 Forward - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2004-99	W4500 Forward - Diesel	31T	625	24, 179	175-4370	8C-3628
2004-03	W3500 Forward	31T	625	24, 179	175-4370	8C-3628
2004-03	W4500 Forward - Diesel, Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600	24, 179	369-9957	7X-6100
		78	750	24, 179	127-0826	430-5997
2004-00	W5500 Forward - Opt	31T	700	177	3T-5760	8C-3628
2004-00	W5500 Forward - Diesel	31T	700	24, 179	3T-5760	8C-3628
2004-00	W5500 Forward - Opt	31T	700	24, 179	3T-5760	8C-3628
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
2004-00	W5500 Forward - Diesel	78	600	24, 179	369-9957	7X-6100
2004-00	W5500 Forward - Opt	78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2004	W5500HD Forward - Opt	31T	700	177	3T-5760	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
		78	600		369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
		78	750		127-0826	430-5997
		78	750	24, 179	127-0826	430-5997
2003-95	W3500 Forward - Opt	31T	630	24, 179	153-5720	628-8824
		71	390	24, 179	7X-6100 {32}	250-0489 {32}
		78	540	24, 179	369-9957	7X-6100
2002-99	C3500HD - Opt	78	690		369-9957	7X-6100
2002-99	C3500HD - Diesel, Opt	78	690	15	369-9957	7X-6100
		78	690	24, 179	369-9957	7X-6100

MAKE <sup>(47)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (48)	Replacement Option 1    Option 2	
<b>Brigadier</b>						
2002-99	C3500HD - Opt	78	690	24, 179	369-9957	7X-6100
2002-98	B7	31T	625	24, 179	175-4370	8C-3628
2002-98	B7 - Opt	31T	750	24, 179	3T-5760	8C-3628
2002-97	C3500HD - Diesel	78	600	15	369-9957	7X-6100
		78	600	24, 179	369-9957	7X-6100
2002-97	C6500 Topkick	31T	625	24, 179	175-4370	8C-3628
2002-97	C6500 Topkick - Opt	31T	625	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		78	770	24, 179	127-0826	430-5997
2002-97	C7500 Topkick	31T	625	24, 179	175-4370	8C-3628
2002-97	C7500 Topkick - Opt	31T	625	24, 179	175-4370	8C-3628
		31T	900	24, 179	354-3613	100-4801
		78	770	24, 179	127-0826	430-5997
2002-97	T6500, T7500	31T	625		175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
2002-97	T6500, T7500 - Opt	31T	750		3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900		354-3613	100-4801
		31T	900	24, 179	175-4370	8C-3628
2002-93	B7 - Opt	31T	625	24, 179	175-4370	8C-3628
		78	600	24, 179	369-9957	7X-6100
2002-01	B7 - Opt	78	770	24, 179	127-0826	430-5997
2002-01	C3500HD	78	600		369-9957	7X-6100
2002-00	W4500 Forward	78	750	24, 179	127-0826	430-5997
2002	C3500HD	78	600	24, 179	369-9957	7X-6100
2001-99	C3500HD - Primary Battery	78	600	24, 179	369-9957	7X-6100
2000-99	C3500HD - Primary Battery	78	600		369-9957	7X-6100
2000-99	W4500 Forward - Opt	31T	700		3T-5760	8C-3628
1999-98	W4500 Forward - Opt	31T	630	24, 179	175-4370	8C-3628

**47 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

48 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(49)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (50)	Replacement	
				Option 1	Option 2
		71 390	24, 179	7X-6100 {32}	250-0489 {32}
		71 390	24, 179	7X-6100 {32}	250-0489 {32}
		74 550		369-9957	7X-6100
		74 50	24, 179	369-9957	7X-6100
		78 540		369-9957	7X-6100
		78 540	24, 179	369-9957	7X-6100
1999-95	T6500	31T 630		175-4370	8C-3628
		71 390		7X-6100 {32}	250-0489 {32}
		74 550		369-9957	7X-6100
		74 550	24, 179	369-9957	7X-6100
		78 540		369-9957	7X-6100
1999	W3500 Forward - Opt	71 390		7X-6100 {32}	250-0489 {32}
1998-97	T6500, T7500 - Opt	31T 625		175-4370	8C-3628
		31T 625	24, 179	175-4370	8C-3628
		78 600		369-9957	7X-6100
		78 600	24, 179	369-9957	7X-6100
		78 770		127-0826	430-5997
		78 700	24, 179	127-0826	430-5997
1998-95	W3500 Forward	31T 750	15	3T-5760	8C-3628
		31T 750	24, 179	3T-5760	8C-3628
1998-94	C3500HD	78 600		369-9957	7X-6100
		78 600	24, 179	369-9957	7X-6100
2009	B7 - Opt	31T 770	24, 179	127-0826	430-5997
1998	W4500 Forward	31T 750	15	3T-5760	8C-3628
		31T 750	24, 179	3T-5760	8C-3628
1997-93	B7	31T 750	24, 179	3T-5760	8C-3628
1996-95	C6000 Topkick - Opt	78 770	24, 179	127-0826	430-5997
1996-95	C7000 Topkick - Opt	31T 900	24, 179	354-3613	100-4081
		78 770	24, 179	127-0826	430-5997
1996-94	C3500HD - Diesel	78 770	15	127-0826	430-5997
		78 770	24, 179	127-0826	430-5997
1996-90	C6000 Topkick - Opt	31T 625	24, 179	175-4370	8C-3628

MAKE <sup>(49)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (50)	Replacement	
				Option 1	Option 2
		31T 750	24, 179	3T-5760	8C-3628
		78 600	24, 179	369-9957	7X-6100
1996-90	C7000 Topkick - Opt	31T 625	24, 179	175-4370	8C-3628
		31T 750	24, 179	3T-5760	8C-3628
		78 600	24, 179	369-9957	7X-6100
1996	C6000 Topkick	31T 625	24, 179	175-4370	8C-3628
1996	C6000 Topkick - Opt	31T 750	24, 179	3T-5760	8C-3628
		31T 900	24, 179	354-3613	100-4081
1996	C7000 Topkick - Opt	31T 750	24, 179	3T-5760	8C-3628
1994-90	C6000 Topkick - Opt	78 750	24, 179	127-0826	430-5997
1994-90	C7000 Topkick - Opt	78 750	24, 179	127-0826	430-5997
1993-91	C3500HD - Auxiliary Battery	78 540		369-9957	7X-6100
		78 540	24, 179	369-9957	7X-6100
1993-91	C3500HD - Primary Battery	78 600		369-9957	7X-6100
		78 600	24, 179	369-9957	7X-6100
		78 630		369-9957	7X-6100
		78 630	24, 179	369-9957	7X-6100
1991-90	C5000 Topkick - Opt	31T 630	24, 179	175-4370	8C-3628
		71 390	24, 179	7X-6100 {32}	250-0489 {32}
		74 550	24, 179	369-9957	7X-6100
		78 540	24, 179	369-9957	7X-6100
1991-81	B6000	31T 625		175-4370	8C-3628
1991-81	B6000 - Opt	4D 800		9X-9721	
		8D 800		153-5720	628-8824
1991-80	B6000 - Opt	31T 580		175-4370	8C-3628
		31T 625		175-4370	8C-3628
		71 390		7X-6100 {32}	250-0489 {32}
		74 550		369-9957	7X-6100
		78 515		369-9957	7X-6100
		78 540		369-9957	7X-6100
1990-87	C7000	31T 580	24, 179	175-4370	8C-3628

<sup>49</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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<sup>50</sup> See page 413 for further description.

# Trucks & Buses

MAKE <sup>(51)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (52)	Replacement Option 1    Option 2	
		71	630	24, 179	7X-6100 {32}	250-0489 {32}
1990-87	C7000 - Opt	74	540	24, 179	369-9957	7X-6100
1990-81	C5000 - Opt	78	540		369-9957	7X-6100
1990-81	C5000, C6000 - Opt	78	540	24, 179	369-9957	7X-6100
1990-81	C6000	31T	580	15	175-4370	8C-3628
		31T	580	24, 179	175-4370	8C-3628
1990-81	C6000 - Opt	31T	630	15	175-4370	8C-3628
		31T	630	24, 179	175-4370	8C-3628
		71	390	24, 179	7X-6100 {32}	250-0489 {32}
		74	550	15	369-9957	7X-6100
		74	550	24, 179	369-9957	7X-6100
1990-81	C6000, C7000	71	390		7X-6100 {32}	250-0489 {32}
1990-80	C5000 - Opt	31T	630	24, 179	175-4370	8C-3628
		71	390		7X-6100 {32}	250-0489 {32}
		71	390	24, 179	7X-6100 {32}	250-0489 {32}
		74	550	24, 179	369-9957	7X-6100
1990-80	C5000, C6000 - Opt	31T	630		175-4370	8C-3628
		74	550		369-9957	7X-6100
1990-80	C6000, C7000 - Opt	78	540		369-9957	7X-6100
1990-80	C7000	31T	580	15	175-4370	8C-3628
1990-80	C7000 - Opt	31T	630		175-4370	8C-3628
		31T	630	15	175-4370	8C-3628
		74	550		369-9957	7X-6100
		74	550	15	369-9957	7X-6100
1980	B6000 - Opt	31T	580	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		71	390	24, 179	7X-6100 {32}	250-0489 {32}
		74	550	24, 179	369-9957	7X-6100
		78	515	24, 179	369-9957	7X-6100
		78	540	24, 179	369-9957	7X-6100
1980	C5000, C6000 - Opt	71	390		7X-6100 {32}	250-0489 {32}
		71	390	24, 179	7X-6100 {32}	250-0489 {32}

MAKE <sup>(51)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (52)	Replacement Option 1    Option 2	
<b>Brigadier</b>						
1980	C7000 - Opt	71	350		7X-6100 {32}	250-0489 {32}
		71	390		7X-6100 {32}	250-0489 {32}
<b>Tipkick</b>						
2009-03	C4500, C5500 - Opt	31T	750	177	3T-5760	8C-3628
2009-03	C4500, C5500, C6500	31T	700	177	3T-5760	8C-3628
2009-03	C6500, C7500 - Opt	31T	750	177	3T-5760	8C-3628
2009-03	C7500	31T	700	177	3T-5760	8C-3628
2009	C4500 - Opt	48	615		430-5993	430-6001
<b>Motor Homes</b>						
2010-02	C5U042	78	770		127-0826	430-5997
2008-02	C4U042	78	770		127-0826	430-5997
2000-94	P-Series	78	600		369-9957	7X-6100
2000-93	P-Series - Opt	31T	550		175-4370	8C-3628
		31T	750		3T-5760	8C-3628
1993-87	P-Series	31T	550		175-4370	8C-3628
1988-87	BP042 - Opt	31T	550	147	175-4370	8C-3628
1988-87	BP042, C5, C6	78	515		369-9957	7X-6100
1988-87	C5, C6 - Opt	31T	625	177	175-4370	8C-3628
		71	430		7X-6100 {32}	250-0489 {32}
		78	540	15	369-9957	7X-6100
1988-87	N9	31T	625	179	175-4370	8C-3628
<b>School Bus</b>						
2002-98	B7	31T	625		175-4370	8C-3628
2002-98	B7 - Opt	31T	750		3T-5760	8C-3628
2002-93	B7 - Opt	31T	625		175-4370	8C-3628
		78	600		369-9957	7X-6100
2002-01	B7 - Opt	78	770		127-0826	430-5997
2000-99	BS	31T	750		3T-5760	8C-3628
2000-99	BS - Opt	78	600		369-9957	7X-6100
2000-99	Isuzu 6HE1 - Diesel	31T	625		175-4370	8C-3628
2000-98	Cat 3116T	31T	625		175-4370	8C-3628
2000-98	GM - Diesel	78	600		369-9957	7X-6100
2000-96	BS (Cat.3116T)- Diesel	31T	750		3T-5760	8C-3628
1998-96	BS	78	600		369-9957	7X-6100
		78	770		127-0826	430-5997
1998-93	B7 - Opt	78	770		127-0826	430-5997
1998-92	BS	31T	625		175-4370	8C-3628
1997-93	B7	31T	750		3T-5760	8C-3628
1995-92	BS - Opt	78	600		369-9957	7X-6100
1988-80	5000 to 9500 - Diesel, Opt	31T	625		175-4370	8C-3628
		4D	800		9X-9721	

**51 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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52 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(53)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (54)	Replacement		
				Option 1	Option 2	
	74	525	15	369-9957	7X-6100	
	8D	880		153-5720	628-8824	
1988-80	B6P - Diesel	74	525	15	369-9957	7X-6100
1986-80	5000 to 9500 - Opt	31T	625	147	175-4370	8C-3628
		74	525	15	369-9957	7X-6100
1986-80	5000 to 9500, B6P	78	540		369-9957	7X-6100
1986-80	B6P - Opt	31T	625	147	175-4370	8C-3628
		74	525	15	369-9957	7X-6100
1976-75	All	74	450		369-9957	7X-6100
<b>Motor Homes</b>						
2000-98	F7 Cab	31T	750		3T-5760	8C-3628
2000-98	F7 Cab - Opt	78	600		369-9957	7X-6100
2000-98	F7 Cab Forward	78	600		369-9957	7X-6100
		78	770		127-0826	430-5997
2000-87	P-Series	31T	550		175-4370	8C-3628
2000	P-Series - Opt	78	600		369-9957	7X-6100
1999	P-Series	78	600		369-9957	7X-6100
1998-94	P-Series - Opt	78	600		369-9957	7X-6100
1996-92	P-Series - Opt	75	525		7X-6100	250-0489
1996-89	P-Series Exc LPG	75	430		7X-6100	250-0489
1993-92	P-Series - Opt	78	630		369-9957	7X-6100
1991-89	P-Series - Opt	31T	720		3T-5760	8C-3628
1988-87	C7D042/64 - Opt	31T	625	177	175-4370	8C-3628
		71	430		7X-6100 {32}	250-0489 {32}
		78	515		369-9957	7X-6100
		78	540	15	369-9957	7X-6100
1988-87	P-Series - Opt	31T	625		175-4370	8C-3628
1983-80	RTS - Diesel	31T	475	173	175-4370	8C-3628
		31T	580	173	175-4370	8C-3628
1980	C7000	71	350		7X-6100 {32}	250-0489 {32}
1979-77	DB-9500, DC-9500	31T	475		175-4370	8C-3628
1979-77	DH-9500, DI-9500	31T	475		175-4370	8C-3628
1979-77	DJ-9500, DK-9500	31T	475		175-4370	8C-3628
1979-77	DL-9500, DP-9500	31T	475		175-4370	8C-3628
1979-77	DR-9500, F, FC-9500	31T	475		175-4370	8C-3628
1979-77	FH-9500, HV-7600	31T	475		175-4370	8C-3628
1979-77	HY7600, JH-9500	31T	475		175-4370	8C-3628
1979-77	JI-9500, JJ-9500	31T	475		175-4370	8C-3628
1979-77	JV-7600, JY-7600	31T	475		175-4370	8C-3628
1979-77	MC-9500, MC-9502	31T	475		175-4370	8C-3628
1979-77	MH-9500, MH-9502	31T	475		175-4370	8C-3628
1979-77	MK-9502, NC-9502	31T	475		175-4370	8C-3628
1979-77	NH-9502, NI-9502	31T	475		175-4370	8C-3628
1979-77	NJ-9502	31T	475		175-4370	8C-3628

MAKE <sup>(53)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (54)	Replacement		
				Option 1	Option 2	
1979-76	CD-6000, HV-7000	31T	475		175-4370	8C-3628
1979-76	HV-7500, HY-7000	31T	475		175-4370	8C-3628
1979-76	HY-7500, JV-7000	31T	475		175-4370	8C-3628
1979-76	JV-7500, JY-7000	31T	475		175-4370	8C-3628
1979-76	JY-7500, SV-4905	31T	475		175-4370	8C-3628
1978-77	SE-6000 - Opt	31T	475		175-4370	8C-3628
		74	450		369-9957	7X-6100
1978-75	CE-5000, CS-5000	71	275		7X-6100 {32}	250-0489 {32}
1977	HE-7500, JE-7500	74	340		369-9957	7X-6100
1977	JE-7600	74	350		369-9957	7X-6100
1977	PS-4500	31T	475		175-4370	8C-3628
1976-75	CE-5500, CE-6500	71	275		7X-6100 {32}	250-0489 {32}
1976-75	CS-5500, ME-6500	71	275		7X-6100 {32}	250-0489 {32}
1976-75	SE-6000, TE-6000	71	275		7X-6100 {32}	250-0489 {32}
1976-75	TE-6500	71	275		7X-6100 {32}	250-0489 {32}
1976	HE-8000, JE-8000	71	275		7X-6100 {32}	250-0489 {32}
1976	JI-9000, JJ-9000	31T	475		175-4370	8C-3628
1976	MC-9000, MH-9000	31T	475		175-4370	8C-3628
1974-73	CM-6000, SM-6000	74	465		369-9957	7X-6100
1974-73	HM-7500, TM-6500	27	350		153-5656	8C-3601
1974-73	SS-6000, TE-6000	74	465		369-9957	7X-6100
1974-73	TM-6000	74	465		369-9957	7X-6100
1974-72	JM-7500, RM-7500	27	350		153-5656	8C-3601
1974-72	TM-7500, WM-7500	27	350		153-5656	8C-3601
1974-70	CE-5000, CE-5500	74	350		369-9957	7X-6100
1974-70	CE-6500, CM-6500	74	350		369-9957	7X-6100
1974-70	CS-5000, CS-5500	74	350		369-9957	7X-6100
1974-70	ME-6500, TE-6500	74	350		369-9957	7X-6100
1974-70	TM-6500	74	350		369-9957	7X-6100
1973-72	HC-9500, HH-9500	7D	860	173	8C-3633	—
1973-72	JN-9500	4	690	173	8C-3633	—
1973-70	DI-9500, JI-9500	8D	880	147	153-5720	628-8824
1973-70	MH-9500	8D	880	147	153-5720	628-8824
1973-68	JC-9500, JH-9500	7D	860	173	8C-3633	—
1973-68	MB-9500, MC-9500	7D	860	173	8C-3633	—
1973-68	MI-9500	7D	860	173	8C-3633	—
1973-66	DJ-9500, FI-9500	8D	880	15	153-5720	628-8824
1973-66	FJ-9500, FW-9500	8D	880	15	153-5720	628-8824
1973-66	HI-9500, JJ-9500	8D	880	15	153-5720	628-8824
1973-66	HJ-7500, HJ-8500	8D	880	147	153-5720	628-8824
1973-66	HJ-9500, HV-7500	8D	880	147	153-5720	628-8824

53 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

54 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(55)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (56)	Replacement	
					Option 1	Option 2
1973-66	HV-8500, JJ-7500	8D	880	147	153-5720	628-8824
1973-66	JJ-8500, JV-7500	8D	880	147	153-5720	628-8824
1973-66	JV-8500, TJ-7500	8D	880	147	153-5720	628-8824
1973-66	MJ-9500, TJ-9500	8D	880	15	153-5720	628-8824
1973-66	TJ-8500, TV-7500	8D	880	147	153-5720	628-8824
1973-66	TV-8500, WV-7500	8D	880	147	153-5720	628-8824
1973-66	TW-9500, WJ-9500	8D	880	15	153-5720	628-8824
1973-66	WV-8500	8D	880	147	153-5720	628-8824
1973	DC-9500, DH-9500	7D	860	173	8C-3633	—
1973	DN-9500, FN-9500	4	690	173	8C-3633	—
1973	DP-9500, FC-9500	7D	860	173	8C-3633	—
1973	FH-9500	7D	860	173	8C-3633	—
1973	HN-9500	4	690	173	8C-3633	—
1973	VW-9500	8D	880	147	153-5720	628-8824
1972-70	CG-5500, OG-5500	4D	635		9X-9721	
1972-70	TG-5500	4D	635		9X-9721	
1972-69	DC-9502, DH-9502	7D	860	173	8C-3633	—
1972-69	DP-9502, FB-9502	7D	860	173	8C-3633	—
1972-69	FC-9502, FH-9502	7D	860	173	8C-3633	—
1972-64	ES-5500, TE-5500	24	350		153-5656	3T-5857
1972-64	SG-5500	4D	635		9X-9721	
1972	DI-9502	8D	880	147	153-5720	628-8824
1972	EM-7500	27	350		153-5656	8C-3601
1972	FI-9502	8D	880	15	153-5720	628-8824
1972	FN-9502, RN-9500	4	690	173	8C-3633	—
1972	HE-9500, JE-9500	2	560	15	8C-3629	8C-3617
1972	SE-5500, SS-5500	74	465		369-9957	7X-6100
1972	TE-9500	2	560	15	8C-3629	8C-3617
1970-69	DN-9500, FN-9500	8D	880	15	153-5720	628-8824
1970-69	HN-9500	8D	880	147	153-5720	628-8824
1970-69	JN-9500	8D	880	15	153-5720	628-8824
1970-66	MH-9501A	4	690	173	8C-3633	—
1970-64	CE-9500, DE-9500	2	560	15	8C-3629	8C-3617
1970-64	DLV-4000, EG-5500	4D	635		9X-9721	
1970-64	EM-4000, ES-4000	24	350		153-5656	3T-5857
1970-64	ES-6500, LA-4000	24	350		153-5656	3T-5857
1970-64	FE-9500, HE-9500	2	560	15	8C-3629	8C-3617
1970-64	HG-5500, JG-7500	4D	635		9X-9721	
1970-64	JE-9500, ME-9500	2	560	15	8C-3629	8C-3617
1970-64	LV-4000, PS-2500	24	350		153-5656	3T-5857
1970-64	PS-3500, PS-4500	24	350		153-5656	3T-5857
1970-64	RG-7500, TG-7500	4D	635		9X-9721	
1970-64	RM-7500, SM-5500	27	350		153-5656	8C-3601
1970-64	SM-6500, SS-5500	27	350		153-5656	8C-3601
1970-64	TE-9500, WE-9500	2	560	15	8C-3629	8C-3617

MAKE <sup>(55)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (56)	Replacement	
					Option 1	Option 2
1970-64	TM-7500	24	350		153-5656	3T-5857
1970	DC-9500, DH-9500	7D	860	173	8C-3633	—
1970	FC-9500, FH-9500	7D	860	173	8C-3633	—
1970	SM-5500, TM-5500	24	350		153-5656	3T-5857
1969	DN-9502, FN-9502	4	690	173	8C-3633	—
<b>5000-9000</b>						
2000-96	C5H, C6H - Cat 3116T	31T	625		175-4370	8C-3628
2000-96	C7H - Cat 3116T	31T	625		175-4370	8C-3628
2000-95	C5H, C6H - Cat 3116T	31T	900		354-3613	100-4081
2000-95	C5H, C6H, C7H	78	770		127-0826	430-5997
2000-95	C7H - Cat 3116T	31T	900		354-3613	100-4081
2000-91	C5H, C6H - Cat 3116T	31T	750		3T-5760	8C-3628
2000-91	C5H, C6H, C7H	31T	625		175-4370	8C-3628
		78	600		369-9957	7X-6100
2000-91	C7H - Cat 3116T	31T	750		3T-5760	8C-3628
1994-91	C5H, C6H, C7H	78	750		127-0826	430-5997
1988-87	D9, J8, J9	31T	625	179	175-4370	8C-3628
1988-87	P6T042 - Opt	31T	625	15	175-4370	8C-3628
		78	540	147	369-9957	7X-6100
1986-80	C5D, C6D - Opt	31T	625		175-4370	8C-3628
		74	525		369-9957	7X-6100
		78	540		369-9957	7X-6100
1986-80	C5D, C6D, C7D, P6T	71	390		7X-6100 {32}	250-0489 {32}
1986-80	C6D - Diesel, Opt	31T	625	177	175-4370	8C-3628
1986-80	C6D, C7D - Diesel	74	540	15	369-9957	7X-6100
1986-80	C7D - Diesel, Opt	31T	625	177	175-4370	8C-3628
1986-80	C7D, JBC - Opt	31T	625		175-4370	8C-3628
1986-80	C7D, P6T - Opt	74	525		369-9957	7X-6100
		78	540		369-9957	7X-6100
1986-80	D9K, D9L, J8C, J9C	31T	625	179	175-4370	8C-3628
1986-80	JBC	73	460		7X-6100 {32}	250-0489 {32}
1986-80	JBC - Opt	74	540		369-9957	7X-6100
1986-80	N9E, N9F, W4S, W7R	31T	625	179	175-4370	8C-3628
1986-80	P4T, P6T	31T	625		175-4370	8C-3628
1986-80	P6T - Opt	31T	625		175-4370	8C-3628
1973-68	JB-9500	7D	860	173	8C-3633	—
1973-66	J	8D	880	15	153-5720	628-8824
<b>Postal Truck</b>						
2000-93	S-Series	78	600		369-9957	7X-6100
2000-93	S-Series - Opt	78	690		369-9957	7X-6100
<b>Step Vans and Cutaways</b>						
2000-97	P-Series	78	600		369-9957	7X-6100
2000-97	P-Series - Opt	78	690		369-9957	7X-6100

**55 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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56 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(57)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (58)	Replacement	
				Option 1	Option 2
2000-97	P-Series w/Cat 3116T- Diesel	78	600	147	369-9957 7X-6100
2000-93	P-Series- Diesel	78	600	147	369-9957 7X-6100
1996-93	All P-Series- Opt	31T	750		3T-5760 8C-3628
1996-89	All P-Series- LPG	78	630		369-9957 7X-6100
1996-89	P-Series	75	525		7X-6100 250-0489
1996-87	All P-Series	31T	550		175-4370 8C-3628
1996	P-Series Exc LPG	75	430		7X-6100 250-0489
1995-89	P-Series	78	540	147	369-9957 7X-6100
1995-89	P-Series- Diesel	78	540	147	369-9957 7X-6100
1995-89	P-Series Exc LPG	75	430		7X-6100 250-0489
1993-89	P-Series	78	630		369-9957 7X-6100
<b>Topkick</b>					
2009-97	C6500, C7500	78	600		369-9957 7X-6100
2009-03	C4500, C5500- Opt	31T	700	177	3T-5760 8C-3628
		78	750		127-0826 430-5997
2009-03	C4500, C5500, C8500	78	600		369-9957 7X-6100
2009-03	C6500, C7500- Opt	31T	700	177	3T-5760 8C-3628
		78	750		127-0826 430-5997
2009-03	C8500- Opt	31T	700	177	3T-5760 8C-3628
		78	750		127-0826 430-5997
2009	C5500, C6500- Opt	48	615		430-5993 430-6001
2009	C7500- Opt	48	615		430-5993 430-6001
2002-97	C6500	31T	625		175-4370 8C-3628
2002-97	C6500- Opt	31T	625		175-4370 8C-3628
2002-97	C6500, C7500- Opt	31T	750		3T-5760 8C-3628
		31T	900		354-3613 100-4081
		78	770		127-0826 430-5997
2002-97	C7500	31T	625		175-4370 8C-3628
2002-97	C7500- Opt	31T	625		175-4370 8C-3628
2000-98	C5H, C6H, C7H Series	78	770		127-0826 430-5997
2000-96	C-Series- Opt, Cat 3116T	31T	625		175-4370 8C-3628
2000-95	C-Series- Opt, Cat 3116T	31T	900		354-3613 100-4081
2000-91	C-Series	31T	750		3T-5760 8C-3628
2000-91	C5H, C6H, C7H Series	31T	625		175-4370 8C-3628
		78	600		369-9957 7X-6100
1997-95	C5H, C6H, C7H Series- Opt	78	770		127-0826 430-5997
1996-95	C6000, C7000- Opt	31T	900		354-3613 100-4081
		78	770		127-0826 430-5997
1996-90	C6000, C7000- Opt	31T	625		175-4370 8C-3628
		78	600		369-9957 7X-6100
1996	C6000, C7000	31T	625		175-4370 8C-3628

MAKE <sup>(57)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (58)	Replacement	
				Option 1	Option 2
1996	C6000, C7000- Opt	31T	750		3T-5760 8C-3628
1995-90	C6000, C7000	31T	750		3T-5760 8C-3628
1994-91	C5H, C6H, C7H Series	78	750		127-0826 430-5997
1979-76	JV-7500, JY-7000	31T	475		127-0826 430-5997
1994-90	C6000, C7000- Opt	78	750		127-0826 430-5997
		71	390		7X-6100 {32} 250-0489 {32}
		74	550		369-9957 7X-6100
		78	540		369-9957 7X-6100
<b>Utility Vehicle</b>					
2000-95	S-Series	75	525		7X-6100 250-0489
2000-95	S-Series- Opt	75	690		7X-6100 —
<b>GRUMMAN</b>					
<b>Class 8 Fire/Crash</b>					
1989-85	Fire, Panther Fire	31T	475	173	175-4370 8C-3628
<b>GRUMMAN FLEXIBLE CORP.</b>					
<b>Formerly Flexible Co.</b>					
<b>Buses</b>					
1982-78	870	31T	475	173	175-4370 8C-3628
1978-75	45102-8-1, 53096-8-1	8D	935	15	153-5720 628-8824
1978-75	53096-6-1	4B	430	15	153-5710
1978-74	35096-6-1, 45096-8-1	8D	935	15	153-5720 628-8824
1978-74	45096-6-1, 53102-6-1	4B	430	15	153-5710
1978-74	45102-6-1, 53102-8-1	8D	935	15	153-5720 628-8824
1975-73	22-59-37, 22-59-38	4B	430	15	153-5710
1975-73	22-59-39, 22-59-40	4B	430	15	153-5710
1975-73	22-59-41, 22-59-42	8D	935	15	153-5720 628-8824
1975-73	22-59-43, 22-59-44	8D	935	15	153-5720 628-8824
1975-72	22-59-31, 22-59-32	8D	935	15	153-5720 628-8824
1975-72	22-59-34, 22-59-35	8D	935	15	153-5720 628-8824
1975-72	22-59-36	8D	935	15	153-5720 628-8824
1975-70	111C-C1, 111CC-C31	8D	935	15	153-5720 628-8824
1975-70	111CC-D5, 111CC-D51	4B	430	15	153-5710
1975-70	111CC-D61	8D	935	15	153-5720 628-8824
1975-70	111CD-D051	4B	430	15	153-5710
1975-70	111CD-D061	4B	430	15	153-5710
1975-68	111DD-D5, 22-59-30	4B	430	15	153-5710
1975-68	22-59-33	4B	430	15	153-5710
1975-66	111CC-D4, 111CC-D41	4B	430	147	153-5710
1975-66	111CC-DH	4B	430	147	153-5710
1975-66	222DD-D21, 323ED-D1	8D	935	15	153-5720 628-8824
1975-66	FD6V-401-1	4B	430	15	153-5710
1975-65	111DD-D051	8D	935	15	153-5720 628-8824

57 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

58 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(59)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (60)	Replacement Option 1    Option 2	
1975-65	112CC-D41, 411DD-D3	8D	935	15	153-5720	628-8824
1975-64	FD6V-401-7	8D	935	15	153-5720	628-8824
1975-64	FDV8C-401-7	8D	935	15	153-5720	628-8824
1974-61	F2D6V-401-1	8D	935	15	153-5720	628-8824
1974-61	F2DD-351, F2DD-401	8D	935	15	153-5720	628-8824
1968-52	All 200 & 300 Series	8D	935	147	153-5720	628-8824
<b>Early Models</b>						
1963-52	All Exc FT Models	8D	935		153-5720	628-8824
1963-52	FT Models	4B	900		153-5710	
<b>HILLMAN</b>						
1966-65	Husky, Super Minx	24	305		153-5656	3T-5857
<b>HINO</b>						
<b>Medium Duty</b>						
1992	FB15	31T	625	15, 24	175-4370	8C-3628
1991	FF19	31T	625	15, 24	175-4370	8C-3628
1989	FF19	31T	625	15, 24	175-4370	8C-3628
<b>Missing/Heavy Truck</b>						
2014-13	155, 195	31T	625	15	175-4370	8C-3628
2014-13	195	31T	625	15, 24	175-4370	8C-3628
2014-08	258ALP, 268A, 338CT	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2014-06	258LP	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2014-05	238, 268, 338	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2014	195DC, 195h DC	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2014	195h	31T	925	15	354-3613	100-4081
		31T	925	15, 24	354-3613	100-4081
2013	155	31T	625	15, 24	175-4370	8C-3628
2010-05	145, 165, 185	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2008-06	258LP	31T	650	15, 24	175-4370	8C-3628
2008-05	238, 268, 338	31T	650	15, 24	175-4370	8C-3628
2008	258ALP, 268A, 338CT	31T	650	15, 24	175-4370	8C-3628
2007	308	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
		31T	650	15, 24	175-4370	8C-3628
2004-98	FA1517, FB1817	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2004-98	FE2620, SG3325	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2004-03	FD2320	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628

MAKE <sup>(59)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (60)	Replacement Option 1    Option 2	
2004-01	FA, FB, FD, FE, SG	31T	325	15	175-4370	8C-3628
2004	FF	31T	325	15	175-4370	8C-3628
2004	FF3020, SG3320	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2002-98	FD2220	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2002-93	FF3020, SG3320	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
2002-01	FF	31T	325	15	175-4370	8C-3628
2000-89	FA	31T	625	15	175-4370	8C-3628
2000-87	FB	31T	625	15	175-4370	8C-3628
2000-86	FD, SG	31T	625	15	175-4370	8C-3628
2000-84	FE, FF	31T	625	15	175-4370	8C-3628
1997-93	FA1415, FB1715	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1997-93	FD2218, FD2218LP	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1997-93	FE2618, FF3018	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1997-93	SG3323	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1996-93	SG5523	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1992-90	GC	31T	625	15	175-4370	8C-3628
1992-89	SG231	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1992-86	SG23	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1992	FA15, FB15, FD20	31T	625	15	175-4370	8C-3628
1992	FA15, FD20, FE20	31T	625	15, 24	175-4370	8C-3628
1992	FE20, FF20, FF23	31T	625	15	175-4370	8C-3628
1992	FF20, FF23, GC20	31T	625	15, 24	175-4370	8C-3628
1992	GC20, SG20	31T	625	15	175-4370	8C-3628
1992	SG20	31T	625	15, 24	175-4370	8C-3628
1991-90	GC17	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1991-89	FA14	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1991-88	FD17, SF, SF17	31T	625	15	175-4370	8C-3628
1991-88	FD17, SF17	31T	625	15, 24	175-4370	8C-3628
1991-87	FB14	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1991-86	SG19	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1991-85	FE19	31T	625	15, 24	175-4370	8C-3628

**59 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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60 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(61)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (62)	Replacement Option 1    Option 2	
1991-85	FE19, FF19	31T	625	15	175-4370	8C-3628
1991-84	FE17, FF17	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1990-85	FF19	31T	625	15, 24	175-4370	8C-3628
1988-87	FFC1	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1987-86	FD16, FE16	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1986	SG22	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
1985-84	FG, FG22	31T	625	15	175-4370	8C-3628
1985-84	FG22	31T	625	15, 24	175-4370	8C-3628
1985	FG19	31T	625	15	175-4370	8C-3628
		31T	625	15, 24	175-4370	8C-3628
<b>GRUMMAN</b>						
2010-09	145, 155, 165, 185	31T	625	15	175-4370	8C-3628
2010-09	268A, 338CT	31T	625		175-4370	8C-3628
2010-08	145, 155, 165, 185	31T	700	15	3T-5760	8C-3628
2010-08	308, 338, 358	31T	625		175-4370	8C-3628
		31T	625	15	175-4370	8C-3628
2010-06	238, 258, 268	31T	625	15	175-4370	8C-3628
2010-04	238LP, 258LP	31T	625		175-4370	8C-3628
2008-06	238LP, 258LP	31T	650	15	175-4370	8C-3628
2008-05	145, 155, 165, 185	31T	650	15	175-4370	8C-3628
2008-05	238, 258, 268	31T	650	15	175-4370	8C-3628
2008-05	308, 338, 358	31T	650	15	175-4370	8C-3628
2008	268A, 338CT	31T	650		175-4370	8C-3628
2007-04	268A, 338CT	31T	625		175-4370	8C-3628
2006	308, 338, 358	31T	625	15	175-4370	8C-3628
2004-86	SF, SG Series	31T	650	15	175-4370	8C-3628
2008-06	FA, FB, FD, FE, FF, FG Series	31T	650	15	175-4370	8C-3628
2004	145, 155, 165, 185	31T	625	15	175-4370	8C-3628
2004	238, 258, 268	31T	625	15	175-4370	8C-3628
2004	308, 338, 358	31T	625	15	175-4370	8C-3628
1992-90	GC Series	31T	650	15	175-4370	8C-3628
<b>Commercial Truck</b>						
2006	All Models	31T	625	15	175-4370	8C-3628
<b>HIME</b>						
<b>Class 8 Dump</b>						
2002-83	VT-100	31T	925	173	354-3613	100-4081
<b>Class 8 Fire/Crash</b>						
2014-02	1871	31T	925	173	354-3613	100-4081
2004-90	Fire Truck, HT-700	31T	925	173	354-3613	100-4081
2004-90	MD-3060, MT-643	31T	925	173	354-3613	100-4081

MAKE <sup>(61)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (62)	Replacement Option 1    Option 2	
2004-90	MT-647	31T	925	173	354-3613	100-4081
1993-84	1871	31T	925	173	354-3613	100-4081
<b>HOLIDAY RAMBLER</b>						
<b>Motor Home Chassis</b>						
2010-07	RR10S, RR4R, RR8R	31T	650	15	175-4370	8C-3628
<b>IC CORPORATION</b>						
2007-03	1652 SC	31T	650	24, 148	175-4370	8C-3628
2007-03	1652 SC - Opt	31T	925	24, 148	354-3613	100-4081
2007	3200	31T	650	24, 148	175-4370	8C-3628
2007	3200 - Opt	31T	925	24, 148	354-3613	100-4081
2005	3300 Chassis	31T	640	24, 148	175-4370	8C-3628
2005	3300 Chassis - Opt	31T	925	24, 148	354-3613	100-4081
<b>INTERNATIONAL</b>						
<b>Class 8 Cement Mixer</b>						
2009-07	5500, 5600 - Opt	31T	925	173	354-3613	100-4081
2009-07	5500, 5600, 5900	31T	650	173	175-4370	8C-3628
2009-07	5900 - Opt	31T	925	173	354-3613	100-4081
<b>Class 8 Dump</b>						
2009-07	5500, 5600 - Opt	31T	925	173	354-3613	100-4081
2009-07	5500, 5600, 5900	31T	650	173	175-4370	8C-3628
2009-07	5900 - Opt	31T	925	173	354-3613	100-4081
<b>Class 8 Fire/Crash</b>						
2008-00	4400 Fire Truck	31T	650	173	175-4370	8C-3628
2008-00	4400 Fire Truck - Opt	31T	925	173	354-3613	100-4081
2006-03	7300	31T	650	173	175-4370	8C-3628
2006-03	7300 - Opt	31T	925	173	354-3613	100-4081
<b>Class 8 Truck</b>						
2014-12	8500 TranStar	31T	650	173	175-4370	8C-3628
2014-06	7700	31T	650	173	175-4370	8C-3628
2014-06	7700 - Opt	31T	925	173	354-3613	100-4081
2014-03	5900 - Opt	31T	925	173	354-3613	100-4081
2014-03	5900, 5900i SBA	31T	650	173	175-4370	8C-3628
2014-03	5900i SBA - Opt	31T	925	173	354-3613	100-4081
2014-03	7300, 7500 - Opt	31T	925	173	354-3613	100-4081
2014-03	7300, 7500, 7600	31T	650	173	175-4370	8C-3628
2014-03	7600 - Opt	31T	925	173	354-3613	100-4081
2014-03	8600	31T	650	173	175-4370	8C-3628
2014-02	7400	31T	650	173	175-4370	8C-3628
2014-02	7400 - Opt	31T	925	173	354-3613	100-4081
2014	LoneStar - Opt	31T	925	173	354-3613	100-4081
2014	LoneStar, ProStar	31T	650	173	175-4370	8C-3628

61 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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62 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(63)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (64)	Replacement Option 1    Option 2	
2013-12	5500i, 5600i	31T	650	173	175-4370	8C-3628
2013-12	5500i, 5600i- Opt	31T	925	173	354-3613	100-4081
2013-08	Lonestar	31T	650	173	175-4370	8C-3628
2013-08	Lonestar- Opt	31T	925	173	354-3613	100-4081
2013-07	Prostar	31T	650	173	175-4370	8C-3628
2013-04	5600- Opt	31T	925	173	354-3613	100-4081
2013-04	5600, 8500	31T	650	173	175-4370	8C-3628
2013-03	5500	31T	650	173	175-4370	8C-3628
2013-03	5500- Opt	31T	925	173	354-3613	100-4081
2012-02	4300, 4300LP- Opt	31T	925	173	354-3613	100-4081
2012-02	4300, 4300LP, 4400	31T	650	173	175-4370	8C-3628
2012-02	4400- Opt	31T	925	173	354-3613	100-4081
2009-99	9400	31T	650	173	175-4370	8C-3628
2009-03	9900	31T	650	173	175-4370	8C-3628
2009-03	9900- Opt	31T	925	173	354-3613	100-4081
2008-97	9200	31T	650	173	175-4370	8C-3628
2007-06	9900	31T	925	173	354-3613	100-4081
2007-04	8500 TranStar	31T	650	173	175-4370	8C-3628
2007-03	4200, 4200LP	31T	650	173	175-4370	8C-3628
2007-03	4200, 4200LP- Opt	31T	925	173	354-3613	100-4081
2004-97	4700, 4900	31T	650	173	175-4370	8C-3628
2004-97	4700, 4900- Opt	31T	925	173	354-3613	100-4081
1999	4400 FireTruck	31T	550	15	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
1999	4400 Fire Truck- Opt	31T	925	173	354-3613	100-4081
1990-84	Truck	31T	550	15	175-4370	8C-3628
1990-81	9370	31T	650	173	175-4370	8C-3628
1990-81	Truck- Opt	31T	650	173	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
1989-84	Truck	31T	550	181	175-4370	8C-3628
1983-81	Truck- Opt	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		30H	520		8C-3627	430-5996
		31T	500	181	175-4370	8C-3628
		31T	600	1, 181	175-4370	8C-3628
		31T	600	1, 181	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
1982-81	Truck- Opt	4D	700		9X-9721	
		8D	880		153-5720	628-8824
<b>Commercial Truck</b>						
2010-09	RXT Towbody	31T	650	173	175-4370	8C-3628
2010-06	CXT, MXT	31T	650	173	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
2010-06	RXT Towbody	31T	925	173	354-3613	100-4081

MAKE <sup>(63)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (64)	Replacement Option 1    Option 2	
2008	Citystar, Workstar	31T	650	173	175-4370	8C-3628
2007-06	9200I, 9400I	31T	650	173	175-4370	8C-3628
2007-06	Citytractor	31T	650	173	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
2007-06	RXT Towbody	31T	650	173	175-4370	8C-3628
<b>Medium Duty</b>						
2016-13	7400	31T	650	24, 179	175-4370	8C-3628
2016-13	7400- Opt	31T	925	24, 179	354-3613	100-4081
2016-08	4300- Opt	31T	925	24, 179	354-3613	100-4081
2016-08	4300, ProStar	31T	650	24, 179	175-4370	8C-3628
2016-07	7300	31T	650	24, 179	175-4370	8C-3628
2016-07	7300- Opt	31T	925	24, 179	354-3613	100-4081
2016-02	4400	31T	650	24, 179	175-4370	8C-3628
2016-02	4400- Opt	31T	925	24, 179	354-3613	100-4081
2015-08	4300LP	31T	650	24, 179	175-4370	8C-3628
2015-08	4300LP- Opt	31T	925	24, 179	354-3613	100-4081
2015-08	8600 TranStar	31T	650	24, 179	175-4370	8C-3628
2015-02	4400LP	31T	650	24, 179	175-4370	8C-3628
2015-02	4400LP- Opt	31T	925	24, 179	354-3613	100-4081
2013-10	TerraStar	31T	650	24, 179	175-4370	8C-3628
2013-10	TerraStar- Opt	31T	925	24, 179	354-3613	100-4081
2013	Loadstar	31T	650	24, 179	175-4370	8C-3628
2013	Loadstar- Opt	31T	925	24, 179	354-3613	100-4081
2012-08	WorkStar 7700	31T	650	24, 179	175-4370	8C-3628
2012-08	WorkStar 7700- Opt	31T	925	24, 179	354-3613	100-4081
2012-00	1652SC	31T	650	24, 179	175-4370	8C-3628
2012-00	1652SC- Opt	31T	925	24, 179	354-3613	100-4081
2012	7400- Diesel	31T	650	24, 179	175-4370	8C-3628
2012	7400- Diesel, Opt	31T	925	24, 179	354-3613	100-4081
2011-10	LoneStar	31T	650	24, 179	175-4370	8C-3628

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64 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(65)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (66)	Replacement Option 1    Option 2	
2011-10	LoneStar - Opt	31T	650	24, 148	175-4370	8C-3628
2011-08	4100, 7500	31T	650	24, 148	175-4370	8C-3628
2007-03	4100, 7500 - Opt	31T	925	24, 148	354-3613	100-4081
2011-08	WorkStar 7600	31T	650	24, 148	175-4370	8C-3628
2007-03	WorkStar 7600 - Opt	31T	925	24, 148	354-3613	100-4081
2011-07	5500i, 5600i - Opt	31T	650	24, 148	175-4370	8C-3628
2011-07	5500i, 5600i, 7400	31T	925	24, 148	354-3613	100-4081
2011-07	7400 - Opt	31T	650	24, 148	175-4370	8C-3628
2011-00	9200i SBA	31T	925	24, 148	354-3613	100-4081
2010-09	4200	31T	650	24, 148	175-4370	8C-3628
2010-09	4200 - Opt	31T	925	24, 148	354-3613	100-4081
2009	9400i SBA	31T	650	24, 148	175-4370	8C-3628
2008	4200LP, 4700	31T	925	24, 148	354-3613	100-4081
2008	4200LP, 4700 - Opt	31T	650	24, 148	175-4370	8C-3628
2007	7700	31T	925	24, 148	354-3613	100-4081
2007-05	7700 - Opt	31T	650	24, 148	175-4370	8C-3628
2007-05	7600 - Opt	31T	925	24, 148	354-3613	100-4081
2007-03	7600, 8600 SBA	31T	650	24, 148	175-4370	8C-3628
2007-00	9400i SBA	31T	925	24, 148	354-3613	100-4081
2005-90	4900	31T	650	24, 148	175-4370	8C-3628
2005-90	4900 - Opt	31T	925	24, 148	354-3613	100-4081
2005-00	5500i, 5600i	31T	650	24, 148	175-4370	8C-3628
2005-00	5500i, 5600i - Opt	31T	925	24, 148	354-3613	100-4081
2004-90	3800, 4700	31T	650	24, 148	175-4370	8C-3628
2004-90	3800, 4700 - Opt	31T	925	24, 148	354-3613	100-4081
2004-03	3200	31T	650	24, 148	175-4370	8C-3628
2004-03	3200 - Opt	31T	925	24, 148	354-3613	100-4081
2004	7400	31T	650	24, 148	175-4370	8C-3628
2004	7400 - Opt	31T	925	24, 179	354-3613	100-4081
2003-90	4800, 8100	31T	650	24, 179	175-4370	8C-3628
2003-90	4800, 8100 - Opt	31T	925	24, 179	354-3613	100-4081
2003-84	2574, 2674	31T	650	24, 179	175-4370	8C-3628
2003-79	2574, 2674 - Opt	31T	925	24, 179	354-3613	100-4081
2003-00	9100i SBA - Opt	31T	925	24, 179	354-3613	100-4081
2003-00	9100i SBA, 9900i SFA	31T	650	24, 179	175-4370	8C-3628
2003-00	9900i SFA - Opt	31T	925	24, 179	354-3613	100-4081
2002-95	2554	31T	650	24, 179	175-4370	8C-3628
2002-95	2554 - Opt	31T	925	24, 179	354-3613	100-4081
2002-95	2654	31T	650	24, 179	175-4370	8C-3628
2002-95	2654 - Opt	31T	925	24, 179	354-3613	100-4081
2002-93	4700LP	31T	650	24, 179	175-4370	8C-3628
2002-93	4700LP - Opt	31T	925	24, 179	354-3613	100-4081
2002-00	3000IC - Opt	31T	925	24, 179	354-3613	100-4081
2002-00	3000IC, 5900i SBA	31T	650	24, 179	175-4370	8C-3628
2002-00	5900i SBA - Opt	31T	925	24, 179	354-3613	100-4081
2002	1552SC - Opt	31T	925	24, 179	354-3613	100-4081
2002	1552SC, 3000RE, 3600	31T	650	24, 179	175-4370	8C-3628
2002	3000RE, 3600 - Opt	31T	925	24, 179	354-3613	100-4081
2002	4300	31T	650	24, 179	175-4370	8C-3628
2002	4300 - Opt	31T	925	24, 179	354-3613	100-4081
2000-93	9200 SBA	31T	650	24, 179	175-4370	8C-3628
2000-90	9400	31T	650	24, 179	175-4370	8C-3628
2000-88	9300	31T	650	24, 179	175-4370	8C-3628
2000-88	9300 - Opt	31T	925	24, 179	354-3613	100-4081
1999-98	9100 SBA	31T	925	24, 179	354-3613	100-4081
1999-98	9100 SBA - Opt	31T	650	24, 179	175-4370	8C-3628

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66 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(67)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (68)	Replacement Option 1    Option 2	
1999-96	9800 SBA	31T	650	24, 179	175-4370	8C-3628
1999-93	3600	31T	650	24, 179	175-4370	8C-3628
1999-93	3600 - Opt	31T	925	24, 179	354-3613	100-4081
1999-90	5000	31T	650	24, 179	175-4370	8C-3628
1999-90	5000 - Opt	31T	925	24, 179	354-3613	100-4081
1999	3000RE - Opt	31T	925	24, 179	354-3613	100-4081
1999	3000RE, 9900 SFA	31T	650	24, 179	175-4370	8C-3628
1999	9900 SFA - Opt	31T	925	24, 179	354-3613	100-4081
1997-90	8200	31T	650	24, 179	175-4370	8C-3628
1997-90	8200 - Opt	31T	925	24, 179	354-3613	100-4081
1996-89	9600, 9700	31T	650	24, 179	175-4370	8C-3628
1995-94	7100	31T	650	24, 179	175-4370	8C-3628
1995-94	7100 - Opt	31T	925	24, 179	354-3613	100-4081
1994-91	3900FC	31T	650	24, 179	175-4370	8C-3628
1994-91	3900FC - Opt	31T	925	24, 179	354-3613	100-4081
1994-90	1652SC	31T	650	24, 179	175-4370	8C-3628
1994-90	1652SC - Opt	31T	925	24, 179	354-3613	100-4081
1994-88	8300	31T	650	24, 179	175-4370	8C-3628
1994-88	8300 - Opt	31T	925	24, 179	354-3613	100-4081
1991-90	3700	31T	650	24, 179	175-4370	8C-3628
1991-90	3700 - Opt	31T	925	24, 179	354-3613	100-4081
1991	500	31T	650	24, 179	175-4370	8C-3628
1991	500 - Opt	31T	925	24, 179	354-3613	100-4081
1990-84	S1954	31T	650	24, 179	175-4370	8C-3628
1990-81	S1954 - Opt	31T	925	24, 179	354-3613	100-4081
1989-88	2375 S	31T	650	24, 179	175-4370	8C-3628
1989-88	2375 S - Opt	31T	925	24, 179	354-3613	100-4081
1989-87	2675, F2675	31T	650	24, 179	175-4370	8C-3628
1989-87	2675, F2675 - Opt	31T	925	24, 179	354-3613	100-4081
1989-87	S1853FC	31T	650	1, 24, 179	175-4370	8C-3628
1989-87	S1853FC - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-86	1754	31T	650	1, 24, 179	175-4370	8C-3628
1989-86	1754 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-84	1854, 2275, 2276 S	31T	650	1, 24, 179	175-4370	8C-3628
1989-84	2575, F1954, F2275	31T	650	1, 24, 179	175-4370	8C-3628
1989-84	F2276 S, F2574	31T	650	1, 24, 179	175-4370	8C-3628
1989-84	F2375 S, S1753	31T	650	24, 179	175-4370	8C-3628
1989-84	F2575, F2654, F2674	31T	650	1, 24, 179	175-4370	8C-3628
1989-84	S1753, S2155 - Opt	31T	925	24, 179	354-3613	100-4081
1989-84	S1853, S1854, S1955	31T	650	1, 24, 179	175-4370	8C-3628
1989-84	S2155	31T	650	24, 179	175-4370	8C-3628
1989-83	2276 S - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-83	F2276 S - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-83	F2375 S - Opt	31T	925	24, 179	354-3613	100-4081
1989-83	F2554, S1754, S2554	31T	650	1, 24, 179	175-4370	8C-3628
1989-81	S1754, S1853 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-81	S1854, S1955 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-81	S2554 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-80	F2654 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-79	1854, 2275 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-79	2575, F1954 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-79	F2275, F2554 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-79	F2574, F2575 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1989-79	F2674 - Opt	31T	925	1, 24, 179	354-3613	100-4081
1988-84	S1654	31T	650	24, 179	175-4370	8C-3628
1988-84	S1654 - Opt	31T	925	24, 179	354-3613	100-4081

67 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

68 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(69)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (70)	Replacement Option 1    Option 2		MAKE <sup>(69)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (70)	Replacement Option 1    Option 2	
1988	1452SC- Opt	31T	925	24, 179	354-3613	100-4081			31T	650	1, 24, 179	175-4370	8C-3628
1988	1452SC, 1652SC	31T	650	24, 179	175-4370	8C-3628			4D	700	1, 24, 179	9X-9721	
1988	1652SC- Opt	31T	925	24, 179	354-3613	100-4081			8D	800	1, 24, 179	153-5720	628-8824
1988	S2375	31T	650	1, 24, 179	175-4370	8C-3628	1983-81	S1955- Opt	27H	435	1, 24, 179	153-5656	8C-3601
1988	S2375- Opt	31T	925	1, 24, 179	354-3613	100-4081			31T	500	1, 24, 179	175-4370	8C-3628
1987-85	F9370	31T	650	24, 179	175-4370	8C-3628			31T	600	1, 24, 179	175-4370	8C-3628
1987	S2276	31T	650	24, 179	175-4370	8C-3628	1983-80	F2654- Opt	24	435	1, 24, 179	153-5656	3T-5857
1987	S2276- Opt	31T	925	24, 179	354-3613	100-4081			31T	455	1, 24, 179	175-4370	8C-3628
1986	S2375	31T	650	1, 24, 179	175-4370	8C-3628			4D	700	1, 24, 179	9X-9721	
1986	S2375- Opt	31T	925	1, 24, 179	354-3613	100-4081			8D	800	1, 24, 179	153-5720	628-8824
1985-84	S1824	31T	650	1, 24, 179	175-4370	8C-3628	1983-80	F2654, S1824- Opt	24	345	1, 24, 179	153-5656	8C-3601
1985-83	S1723	31T	650	1, 24, 179	175-4370	8C-3628			31T	600	1, 24, 179	175-4370	8C-3628
1985-80	S1723, S1824- Opt	31T	925	1, 24, 179	354-3613	100-4081			31T	625	1, 24, 179	175-4370	8C-3628
1984-83	S1724	31T	650	1, 24, 179	175-4370	8C-3628			31T	650	1, 24, 179	175-4370	8C-3628
1984-80	S1724- Opt	31T	925	1, 24, 179	354-3613	100-4081	1983-79	1854, 2275- Opt	24	345	1, 24, 179	153-5656	3T-5857
1984	1954, S2375	31T	650	1, 24, 179	175-4370	8C-3628			27H	435	1, 24, 179	153-5656	8C-3601
1984	1954, S2375- Opt	31T	925	1, 24, 179	354-3613	100-4081			31T	500	1, 24, 179	175-4370	8C-3628
1983-81	S1824, S1853- Opt	27H	650	1, 24, 179	153-5656	3T-5857			31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628			31T	650	1, 24, 179	175-4370	8C-3628
1983-81	S1853, S1854- Opt	24	345	1, 24, 179	153-5656	3T-5857	1983-79	1854, 2275, 2574	31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628	1983-79	2275, 2574- Opt	24	435	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628			4D	700	1, 24, 179	354-3613	100-4081
1983-81	S1853, S1854, S1954	31T	600	1, 24, 179	175-4370	8C-3628			8D	880	1, 24, 179	175-4370	8C-3628
1983-81	S1854, S1954- Opt	27H	435	1, 24, 179	153-5656	3T-5857	1983-79	2574, 2575- Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	500	1, 24, 179	175-4370	8C-3628			31T	455	1, 24, 179	175-4370	8C-3628
1983-81	S1954, S1955- Opt	24	345	1, 24, 179	153-5656	3T-5857			31T	625	1, 24, 179	175-4370	8C-3628
		24	435	1, 24, 179	153-5656	3T-5857			31T	650	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628	1983-79	2575, 2674- Opt	24	435	1, 24, 179	153-5656	3T-5857

69 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

70 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(71)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (72)	Replacement Option 1    Option 2	
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1983-79	2575, 2674, F1954	31T	600	1, 24, 179	175-4370	8C-3628
1983-79	2674, F1954 - Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	2674, F2574 - Opt	31T	455	1, 24, 179	175-4370	8C-3628
1983-79	F1954, F2275 - Opt	24	435	1, 24, 179	153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	153-5656	628-8824
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1983-79	F2275, F2574 - Opt	24	435	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	F2275, F2574, F2575	31T	600	1, 24, 179	175-4370	8C-3628
1983-79	F2574, F2575 - Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1983-79	F2575, F2674 - Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	455	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	F2674 - Opt	24	435	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1983	2276 S - Opt	24	345	1, 24, 179	153-5656	3T-5857

MAKE <sup>(71)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (72)	Replacement Option 1    Option 2	
		24	435	24, 179	153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		4D	700	1, 24, 179	9X-9721	
		4D	880	1, 24, 179	9X-9721	
1983	2276 S, F2276 S	31T	600	1, 24, 179	175-4370	8C-3628
1983	F2276 S - Opt	24	345	24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		27H	435	24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		4D	700	1, 24, 179	9X-9721	
		4D	880	24, 179	9X-9721	
1983	F2375 S - Opt	24	345	24, 179	153-5656	3T-5857
		24	435	24, 179	153-5656	3T-5857
		27H	435	24, 179	153-5656	8C-3601
		31T	500	24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		4D	700	24, 179	9X-9721	
		4D	880	24, 179	9X-9721	
1982-81	S1624	31T	500	24, 179	175-4370	8C-3628
1982-81	S1624 - Opt	31T	600	24, 179	175-4370	8C-3628
1982-81	S1624, S1823 - Opt	27H	435	24, 179	153-5656	8C-3601

71 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

72 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(73)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (74)	Replacement Option 1    Option 2	
1982-81	1452SC- Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-81	S2375	24	345	1, 24, 179	153-5656	3T-5857
		31T	455	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1982-81	S2375	31T	500	1, 24, 179	175-4370	8C-3628
1982-81	S2375- Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-80	S1723, S1824- Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	153-5720	628-8824
		27H	650	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-80	S1824, S1853- Opt	31T	925	1, 24, 179	354-3613	100-4081
1982-80	S1824, S1853- Opt	24	435	1, 24, 179	153-5656	3T-5857
		31T	455	1, 24, 179	175-4370	8C-3628
1982-80	S1824, S1853- Opt	31T	600	1, 24, 179	175-4370	8C-3628
1982-80	S1824, S1853- Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		27H	650	1, 24, 179	175-4370	8C-3628
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-80	S1824, S1853- Opt	24	435	1, 24, 179	153-5656	3T-5857
1982-80	S1824, S1853- Opt	4D	700	1, 24, 179	9X-9721	
		27H	435	1, 24, 179	153-5656	8C-3601

MAKE <sup>(73)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (74)	Replacement Option 1    Option 2	
		8D	880	1, 24, 179	153-5720	628-8824
1982-80	S1924, S1925- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
1982-80	S1924, S1925, S2524	31T	600	1, 24, 179	175-4370	8C-3628
1982-80	S1925, S2524- Opt	4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-80	S2524- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		31T	455	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
1982-79	1724, 1854- Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-79	1724, 1924 S- Opt	24	345	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
1982-79	1724, 1924 S, 1925 S	31T	600	1, 24, 179	175-4370	8C-3628
1982-79	1724, F2554- Opt	31T	455	1, 24, 179	175-4370	8C-3628
1982-79	1924 S- Opt	24	435	1, 24, 179	153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601

73 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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74 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(75)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (76)	Replacement Option 1    Option 2	
		31T	500	1, 24, 179	9X-9721	
		4D	700	1, 24, 179	153-5720	628-8824
		8D	880	1, 24, 179	175-4370	8C-3628
1982-79	1925 S, 1955- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	175-4370	8C-3628
		27H	435	1, 24, 179	175-4370	8C-3628
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	153-5656	3T-5857
		31T	650	1, 24, 179	153-5656	8C-3601
		31T	925	1, 24, 179	153-5656	628-8824
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-79	1955, F2554	31T	435	1, 24, 179	153-5656	3T-5857
1982-79	F2554- Opt	24	345	1, 24, 179	175-4370	8C-3628
		24	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	153-5656	3T-5857
		4D	925	1, 24, 179	9X-9721	
		8D	700	1, 24, 179	153-5720	628-8824
1981-80	S1624, S2125- Opt	24	880	1, 24, 179	153-5656	3T-5857
1981-80	S2125- Opt	24	345	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		24	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1981-79	1824, 1954- Opt	24	345	1, 24, 179	153-5656	3T-5857

MAKE <sup>(75)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (76)	Replacement Option 1    Option 2	
		24	435	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700	1, 24, 179	9X-9721	
		4D	880	1, 24, 179	153-5720	628-8824
1981-79	1824, 1954, F1924	31T	600	1, 24, 179	175-4370	8C-3628
1981-79	1954, F1924- Opt	27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
1981-79	F1924- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700	1, 24, 179	9X-9721	
		4D	880	1, 24, 179	153-5720	628-8824
1981	1824, S2125- Opt	27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
1980-79	1824- Opt	27H	435	1, 24, 179	175-4370	8C-3628
1980-79	2155- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		27T	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700	1, 24, 179	9X-9721	

75 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

76 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(77)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (78)	Replacement	
				Option 1	Option 2
1980		8D 435	1, 24, 179	153-5720	628-8824
1980	S1624	31T 600	1, 24, 179	175-4370	8C-3628
1980	S1624, S1823- Opt	31T 455	1, 24, 179	175-4370	8C-3628
1980	S1824, S2125- Opt	31T 455	1, 24, 179	175-4370	8C-3628
1980	S2125- Opt	31T 655	1, 24, 179	3T-5760	8C-3628
<b>Medium/Heavy Truck</b>					
2014-13	4100, 4300- Opt	31T 925	173	354-3613	100-4081
2014-13	4100, 4300, 4400	31T 650	173	175-4370	8C-3628
2014-13	4400, 9900i- Opt	31T 925	173	354-3613	100-4081
2014-13	9900i	31T 650	173	175-4370	8C-3628
2014-10	TerraStar	31T 650	173	175-4370	8C-3628
2014-10	TerraStar- Opt	31T 925	173	354-3613	100-4081
2014-09	4100 Hybrid	31T 650	173	175-4370	8C-3628
2014-09	4100 Hybrid- Opt	31T 925	173	354-3613	100-4081
2014-09	4300 Hybrid	31T 650	173	175-4370	8C-3628
2014-09	4300 Hybrid- Opt	31T 925	173	354-3613	100-4081
2014-09	4400 Hybrid	31T 650	173	175-4370	8C-3628
2014-09	4400 Hybrid- Opt	31T 925	173	354-3613	100-4081
2014-08	4200- Opt	31T 925	173	354-3613	100-4081
2014-08	4200, 8600 TranStar	31T 650	173	175-4370	8C-3628
2014-02	4400LP	31T 650	173	175-4370	8C-3628
2014-02	4400LP- Opt	31T 925	173	354-3613	100-4081
2013	Durastar	31T 650	24, 179	175-4370	8C-3628
2013	Durastar- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2013	Durastar, Loadstar	31T 650	173	175-4370	8C-3628
2013	Loadstar- Opt	31T 925	173	354-3613	100-4081
2012-86	1652SC	31T 650	173	175-4370	8C-3628
2012-86	1652SC- Opt	31T 925	173	354-3613	100-4081
2012-08	WorkStar 7700	31T 650	173	175-4370	8C-3628
2012-08	WorkStar 7700- Opt	31T 925	173	354-3613	100-4081
2012-06	4100	31T 650	24, 179	175-4370	8C-3628
2012-06	1724, 1924 S, 1925 S	31T 925	24, 179	354-3613	100-4081
2012-02	1724, F2554- Opt	31T 650	24, 179	175-4370	8C-3628
2012-02	1924 S- Opt	31T 925	24, 179	354-3613	100-4081
2012-00	WorkStar 7700- Opt	31T 650	24, 179	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628

MAKE <sup>(77)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (78)	Replacement	
				Option 1	Option 2
2012-00	5900i SBA- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2012	4100- Opt	31T 650	173	175-4370	8C-3628
		31T 925	173	354-3613	100-4081
2011-08	8500 TranStar	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2011-08	8600 TranStar	31T 650	24, 179	175-4370	8C-3628
2011-08	WorkStar 7600	31T 650	173	175-4370	8C-3628
2011-08	WorkStar 7600- Opt	31T 925	173	354-3613	100-4081
2011-06	4100	31T 650	173	175-4370	8C-3628
2011-06	4100- Opt	31T 925	173	354-3613	100-4081
2011-05	3300	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2011-05	3300- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2011-02	3200	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2011-02	3200- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2011-00	5500i, 5600i	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2011-00	5500i, 5600i- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2011-00	9200i SBA, 9400i SBA	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2010-06	RXT	31T 650	173	175-4370	8C-3628
		31T 925	173	354-3613	100-4081
2010-05	CF600	31T 925	15	354-3613	100-4081
2010-04	CF500	31T 925	15	354-3613	100-4081
2009-90	4000	31T 650	173	175-4370	8C-3628
2009-90	4000- Opt	31T 925	173	354-3613	100-4081
2009-05	CF	31T 925	15	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081
2009-05	CF500, CF600	31T 925	15	354-3613	100-4081
2008-06	4100 SBA	31T 650	173	175-4370	8C-3628
		31T 650	24, 179	175-4370	8C-3628
2008-06	4100 SBA- Opt	31T 925	173	354-3613	100-4081
		31T 925	24, 179	354-3613	100-4081

77 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

78 See page 413 for further description.



# Trucks & Buses

MAKE (79) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (80)	Replacement Option 1    Option 2	
2008-05	CXT	31T	500	1, 24, 179	9X-9721	
2008-05	CXT - Opt	4D	700	1, 24, 179	153-5720	628-8824
2008-02	4200	8D	880	1, 24, 179	175-4370	8C-3628
2008-02	4200 - Opt	24	345	1, 24, 179	153-5656	3T-5857
2008	Transtar	31T	650	173	175-4370	8C-3628
2007-06	9900i, 9900ix	31T	650	173	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
2007-05	7700	31T	625	1, 24, 179	153-5656	3T-5857
2007-05	7700 - Opt	31T	650	1, 24, 179	153-5656	8C-3601
2007-03	4200LP, 7600	31T	925	1, 24, 179	153-5656	628-8824
2007-03	4200LP, 7600 - Opt	4D	700	1, 24, 179	9X-9721	
2007-03	8600 SBA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2007-02	7300 SBA	31T	650	173	175-4370	8C-3628
2007-02	7300 SBA - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2007-02	7300 SBA, 7400, 7500	31T	650	24, 179	175-4370	8C-3628
2007-02	7400, 7500 - Opt	31T	925	24, 179	354-3613	100-4081
	8500	31T	650	24, 179	175-4370	8C-3628
2006-90	3000	31T	650	173	175-4370	8C-3628
2006-90	3000 - Opt	31T	925	173	354-3613	100-4081
2006-02	7000	31T	650	173	175-4370	8C-3628
2006-02	7000 - Opt	31T	925	173	354-3613	100-4081
2006-02	7300	31T	650	24, 179	175-4370	8C-3628
2006-02	7300 - Opt	31T	925	24, 179	354-3613	100-4081
2005	3000RE, 4700	31T	650	24, 179	175-4370	8C-3628
2005	3000RE, 4700 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2005	3000RE, 4700, 7700	31T	650	173	175-4370	8C-3628
2005	7700 - Opt	31T	925	173	354-3613	100-4081
2004-90	3800	31T	650	173	175-4370	8C-3628
2004-90	3800 - Opt	31T	925	173	354-3613	100-4081
2003-90	4800	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628

MAKE (79) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (80)	Replacement Option 1    Option 2	
2003-90	4800 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2003-84	2574, 2674	31T	650	173	175-4370	8C-3628
2003-79	2574, 2674 - Opt	31T	925	173	354-3613	100-4081
2003-02	8500	31T	650	173	175-4370	8C-3628
2003-01	9900ix SFA	31T	650	173	175-4370	8C-3628
2003-01	9900ix SFA - Opt	31T	925	173	354-3613	100-4081
2003-00	9100i SBA - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2003-00	9100i SBA, 9900i SFA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2003-00	9900i SFA - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2002-96	3000, 3400	31T	650	24, 179	175-4370	8C-3628
2002-96	3400	31T	650	173	175-4370	8C-3628
2002-96	3400 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2002-95	4700LPX	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2002-95	4700LPX - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2002-91	2654	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2002-91	2654 - Opt	31T	925	173	354-3613	100-4081
		31T	925	1, 24, 179	354-3613	100-4081
2002-90	2000, 4700LP - Opt	31T	925	173	354-3613	100-4081
2002-90	2000, 4700LP, 8100	31T	650	173	175-4370	8C-3628
2002-90	4700LP, 8100	31T	650	24, 179	175-4370	8C-3628
2002-90	4700LP, 8100 - Opt	31T	925	24, 179	354-3613	100-4081
2002-90	8100 - Opt	31T	925	173	354-3613	100-4081
2002-86	1000	31T	650	173	175-4370	8C-3628
2002-86	1000 - Opt	31T	925	173	354-3613	100-4081
2002-84	2554	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2002-84	2554, 2574	31T	650	173	175-4370	8C-3628
2002-79	2554 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2002-79	2554, 2574 - Opt	31T	925	173	354-3613	100-4081

**79 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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80 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(81)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (82)	Replacement Option 1    Option 2	
2002-01	9900ix SFA	31T	600	24, 179	175-4370	8C-3628
2002-01	9900ix SFA - Opt	31T	925	24, 179	354-3613	100-4081
2002-00	3000IC	31T	650	173	175-4370	8C-3628
2002-00	3000IC - Opt	31T	925	173	354-3613	100-4081
2002	3000RE, 4200 - Opt	31T	925	173	354-3613	100-4081
2002	3000RE, 4200, 7300	31T	650	173	175-4370	8C-3628
2002	7300, 7500 - Opt	31T	925	173	354-3613	100-4081
2002	7500	31T	650	173	175-4370	8C-3628
2001-00	4700	31T	650	24, 179	175-4370	8C-3628
2001-00	4700 - Opt	31T	925	24, 179	354-3613	100-4081
2001	3600	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
2001	3600 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2001	3800 - Opt	31T	950	173	354-3613	100-4081
1999-98	9100 SBA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999-98	9100 SBA - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1999-97	3000FE	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999-97	3000FE - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1999-96	9800 SBA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999-95	9200 SBA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999-92	3600	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999-92	3600 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1999-90	3800, 5000 - Opt	31T	925	179	354-3613	100-4081
1999-90	3800, 5000, 9400	31T	650	179	175-4370	8C-3628
1999-90	5000	31T	650	173	175-4370	8C-3628
1999-90	5000 - Opt	31T	925	173	354-3613	100-4081

MAKE <sup>(81)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (82)	Replacement Option 1    Option 2	
1999-86	1652SC	31T	650	24, 179	175-4370	8C-3628
1999-86	1652SC - Opt	31T	925	24, 179	354-3613	100-4081
1999	9900 SFA	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1999	9900 SFA - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1998-96	1552SC	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1998-96	1552SC - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1998-90	9400	31T	650	173	175-4370	8C-3628
1998-88	9300	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1998-88	9300 - Opt	31T	925	173	354-3613	100-4081
1997-95	1652UPS	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1997-95	1652UPS - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1997-93	4700 - Opt	31T	925	179	354-3613	100-4081
1997-90	4700, 4900, 8200	31T	650	179	175-4370	8C-3628
1997-90	4900, 8200 - Opt	31T	925	179	354-3613	100-4081
1997-90	8200	31T	650	173	175-4370	8C-3628
1997-90	8200 - Opt	31T	925	173	354-3613	100-4081
1996-90	4700, 4900	31T	650	173	175-4370	8C-3628
1996-90	4700, 4900 - Opt	31T	925	173	354-3613	100-4081
1996-89	9600, 9700	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1996	3900FC	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	354-3613	100-4081
1996	3900FC - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1995-90	4600, 7100	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1995-90	4600, 7100 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081

81 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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82 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(83)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes  (84)	Replacement Option 1    Option 2	
1994-91	3900FC	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1994-91	3900FC - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1994-90	3700, 4600LP	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1994-90	3700, 4600LP - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1994-90	4700 - Opt	31T	650	179	175-4370	8C-3628
1994-88	8300	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1994-88	8300 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1993	1652UPS	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1993	1652UPS - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1992-90	7000	31T	650	173	175-4370	8C-3628
1992-90	7000 - Opt	31T	925	173	354-3613	100-4081
1992-87	1452SC	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1992-87	1452SC - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1991-90	1652UPS	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1991-90	1652UPS - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1990-84	S1900, S1954	31T	650	173	175-4370	8C-3628
1990-81	S1954 - Opt	31T	925	173	354-3613	100-4081
1990-80	S1900 - Opt	31T	925	173	354-3613	100-4081
1990	4600UH	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1990	4600UH - Opt	31T	925	173	354-3613	100-4081
1990	4600UH, 4700 - Opt	31T	925	179	354-3613	100-4081
1990	4700 - Opt	31T	650	173	175-4370	8C-3628

MAKE <sup>(83)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes  (84)	Replacement Option 1    Option 2	
1989-88	S1654 - Opt	31T	925	24, 179	354-3613	100-4081
1989-88	S1654, S1654LP	31T	650	179	175-4370	8C-3628
1989-88	S1654LP	31T	650	173	175-4370	8C-3628
1989-88	S1654LP - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1989-88	S1753	31T	650	179	175-4370	8C-3628
		31T	925	24, 179	354-3613	100-4081
1989-88	S1753 - Opt	31T	925	179	354-3613	100-4081
1989-87	2675, F2675 - Opt	31T	925	173	354-3613	100-4081
1989-87	2675, F2675, S1853FC	31T	650	173	175-4370	8C-3628
1989-87	S1853FC - Opt	31T	925	173	354-3613	100-4081
1989-84	1854, 1954, 1955	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1989-84	2155, 2275, 2276 S	31T	650	173	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1989-84	2375 S, 2575	31T	650	179	175-4370	8C-3628
1989-84	2375 S, 2575, F1954	31T	650	173	175-4370	8C-3628
1989-84	F2275, F2276 S	31T	650	173	175-4370	8C-3628
1989-84	F2375 S, F2574	31T	650	173	175-4370	8C-3628
1989-84	F2575, F2654, F2674	31T	650	173	175-4370	8C-3628
1989-84	S1600, S1654 - Opt	31T	925	173	354-3613	100-4081
1989-84	S1600, S1654, S1753	31T	650	173	175-4370	8C-3628
1989-84	S1753, S2100 - Opt	31T	925	173	354-3613	100-4081
1989-84	S1800, S1853, S1854	31T	650	173	175-4370	8C-3628
1989-84	S1955, S2100, S2155	31T	650	173	175-4370	8C-3628
1989-84	S2155 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1989-83	1754	31T	650	179	175-4370	8C-3628
1989-83	1754, F2554, S1700	31T	650	173	175-4370	8C-3628
1989-83	2276 S - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1989-83	2375 S - Opt	31T	925	173	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1989-83	F2276 S - Opt	31T	925	173	354-3613	100-4081
1989-83	F2375 S - Opt	31T	925	173	354-3613	100-4081
1989-83	S1754, S2500, S2554	31T	650	173	175-4370	8C-3628
		31T	925	24, 179	354-3613	100-4081
1989-82	1854 - Opt	31T	925	179	354-3613	100-4081
1989-81	S1754, S1853 - Opt	31T	925	173	354-3613	100-4081
1989-81	S1854, S1955 - Opt	31T	925	173	354-3613	100-4081

**83 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

84 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(85)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (86)	Replacement Option 1    Option 2	
1989-81	S2554 - Opt	31T	925	173	354-3613	100-4081
1989-80	1654	31T	650		175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
1989-80	1654 - Opt	31T	925		354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1989-80	F2654, S1700 - Opt	31T	925	173	354-3613	100-4081
1989-80	S1800, S2500 - Opt	31T	925	173	354-3613	100-4081
1989-79	1754, 1854 - Opt	31T	925	173	354-3613	100-4081
1989-79	1754, 1954 - Opt	31T	925	24, 179	175-4370	8C-3628
1989-79	1954, 1955 - Opt	31T	925	173	354-3613	100-4081
1989-79	1955, 2155 - Opt	31T	925	24, 179	354-3613	100-4081
1989-79	2155, 2275 - Opt	31T	925	173	354-3613	100-4081
1989-79	2275, 2575 - Opt	31T	925	173	354-3613	100-4081
1989-79	2575, F1954 - Opt	31T	925	173	354-3613	100-4081
1989-79	F2275, F2554 - Opt	31T	925	173	354-3613	100-4081
1989-79	F2574, F2575 - Opt	31T	925	173	354-3613	100-4081
1989-79	F2674 - Opt	31T	925	173	354-3613	100-4081
1988	S1754	31T	600	24, 179	175-4370	8C-3628
1988	S1754 - Opt	31T	925	24, 179	354-3613	100-4081
1988	S2300, S2375	31T	650	173	175-4370	8C-3628
1988	S2300, S2375 - Opt	31T	925	173	354-3613	100-4081
1987-85	9370	31T	650	24, 179	175-4370	8C-3628
1987-85	F9370	31T	650	173	175-4370	8C-3628
1987	3000, 3800 - Opt	31T	925	173	354-3613	100-4081
1987	3000, 3800, G1954	31T	650	173	175-4370	8C-3628
1987	3800	31T	650	24, 179	175-4370	8C-3628
1987	3800 - Opt	31T	925	24, 179	354-3613	100-4081
1987	G1954, S2200 - Opt	31T	925	173	354-3613	100-4081
1987	S2200, S2276	31T	650	173	175-4370	8C-3628
1987	S2276 - Opt	31T	925	173	354-3613	100-4081
1986-84	Cargostar	31T	650	173	175-4370	8C-3628
1986-80	Cargostar - Opt	31T	925	173	354-3613	100-4081
1986	S2300, S2375	31T	650	173	175-4370	8C-3628
1986	S2300, S2375 - Opt	31T	925	173	354-3613	100-4081
1985-84	S1824	31T	650	173	175-4370	8C-3628
1985-83	1724	31T	650	1, 24, 179	175-4370	8C-3628
1985-83	1724, S1723	31T	650	173	175-4370	8C-3628
1985-80	S1723, S1824 - Opt	31T	925	173	354-3613	100-4081

MAKE <sup>(85)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (86)	Replacement Option 1    Option 2	
1985-79	1724 - Opt	31T	925	173	354-3613	100-4081
		31T	925	1, 24, 179	354-3613	100-4081
1984-83	S1724	31T	650	173	175-4370	8C-3628
1984-80	S1724 - Opt	31T	925	173	354-3613	100-4081
1984-79	1824 - Opt	31T	925	173	354-3613	100-4081
		31T	925	1, 24, 179	354-3613	100-4081
1984	1824	31T	650	1, 24, 179	175-4370	8C-3628
1984	1824, S2300, S2375	31T	650	173	175-4370	8C-3628
1984	S2300, S2375 - Opt	31T	925	173	354-3613	100-4081
1983-82	1854 - Opt	24	345	1, 24, 179	153-5656	3T-5857
		27T	435	1, 24, 179	153-5656	3T-5857
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-82	1854, S1854 - Opt	31T	500	181	175-4370	8C-3628
1983-82	S1853 - Opt	24	345		153-5656	3T-5857
1983-81	1824 - Opt	27T	435	1, 24, 179	153-5656	3T-5857
		31T	500	1, 24, 179	175-4370	8C-3628
1983-81	1824, S1800 - Opt	31T	500	181	175-4370	8C-3628
1983-81	1824, S1800, S1824	31T	600	1, 181	175-4370	8C-3628
1983-81	1824, S1824 - Opt	27H	435		153-5656	8C-3601
1983-81	1954 - U.S. & Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
1983-81	2554 - U.S. & Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
1983-81	Cargostar - Opt	24	345		153-5656	3T-5857
1983-81	S1824, S1853 - Opt	31T	500	181	175-4370	8C-3628
1983-81	S1853, S1854 - Opt	27H	435		153-5656	8C-3601
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
1983-81	S1853, S1854, S1954	31T	600	1, 181	175-4370	8C-3628
1983-81	S1854, S1954 - Opt	24	345		153-5656	3T-5857
1983-81	S1954, S1955 - Opt	24	435		153-5656	3T-5857
		27H	435		153-5656	8C-3601
		31T	500	181	175-4370	8C-3628

85 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

86 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(87)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (88)	Replacement Option 1    Option 2	
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		4D	700		9X-9721	
		8D	880		153-5720	628-8824
1983-81	S1955 - Opt	24	345		153-5656	3T-5857
		31T	600	1, 181	175-4370	8C-3628
1983-80	Cargostar	24	345	24, 179	153-5656	3T-5857
1983-80	Cargostar - Opt	24	435		153-5656	3T-5857
		30H	520		8C-3627	430-5996
		31T	475	15	175-4370	8C-3628
		31T	625	15	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
1983-80	F2654 - Opt	31T	455	1, 181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		8D	880		153-5720	628-8824
1983-80	F2654, S1800 - Opt	24	345		153-5656	3T-5857
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
1983-80	F2654, S1900 - Opt	24	435		153-5656	3T-5857
		4D	700		9X-9721	
1983-80	S1824, S1900 - Opt	24	345		153-5656	3T-5857
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		31T	500	181	175-4370	8C-3628
		31T	600	1, 181	175-4370	8C-3628
		8D	880		153-5720	628-8824
1983-79	1824, 1854 - Opt	24	345		153-5656	3T-5857
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
1983-79	1824, 1954 - Opt	31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	1824, 1954, 1955	31T	600	1, 24, 179	175-4370	8C-3628
1983-79	1824, 1955 - Opt	24	345	1, 24, 179	153-5656	3T-5857
1983-79	1854, 1954 - Opt	27H	435		153-5656	8C-3601
1983-79	1854, 1954, 1955	31T	600	1, 181	175-4370	8C-3628
1983-79	1954, 1955 - Opt	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3628
		31T	500	181	175-4370	8C-3628
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628

MAKE <sup>(87)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (88)	Replacement Option 1    Option 2	
		31T	650	173	175-4370	8C-3628
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	
		8D	880		153-5720	628-8824
		8D	880	1, 24, 179	153-5720	628-8824
1983-79	1955, 2155 - Opt	24	435	1, 24, 179	153-5656	3T-5857
		27H	435		153-5656	8C-3601
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	2155, 2275 - Opt	24	345		153-5656	3T-5857
		24	345	1, 24, 179	153-5656	3T-5857
		24	435		153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	181	175-4370	8C-3628
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	
		8D	880		153-5720	628-8824
		8D	880	1, 24, 179	153-5720	628-8824
1983-79	2155, 2275, 2554	31T	600	1, 24, 179	175-4370	8C-3628
1983-79	2155, 2275, F1954	31T	600	1, 181	175-4370	8C-3628
1983-79	2275, 2554 - Opt	31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
1983-79	2275, 2574 - Opt	24	435	1, 24, 179	153-5656	3T-5857
1983-79	2275, F1954 - Opt	27H	435		153-5656	8C-3601
1983-79	2554, 2574 - Opt	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		31T	455	1, 181	175-4370	8C-3628
		31T	455	1, 24, 179	1, 24, 179	8C-3628
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	

87 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

88 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(89)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (90)	Replacement	
				Option 1	Option 2
	8D	880		153-5720	628-8824
	8D	880	1, 24, 179	153-5720	628-8824
1983-79	2554, 2574, 2575	31T	600	181	175-4370 8C-3628
1983-79	2574, 2575 - Opt	24	345	1, 24, 179	153-5656 3T-5857
	31T	600	1, 24, 179	175-4370	8C-3628
	31T	625	1, 24, 179	175-4370	8C-3628
	31T	650	1, 24, 179	175-4370	8C-3628
1983-79	2575 - Opt	24	435	1, 24, 179	153-5656 3T-5857
	31T	455	1, 24, 179	175-4370	8C-3628
	4D	700	1, 24, 179	9X-9721	
	8D	880	1, 24, 179	153-5720	628-8824
1983-79	2575, 2674 - Opt	24	345		153-5656 3T-5857
	24	435		153-5656	3T-5857
	31T	455	1, 181	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	4D	700		9X-9721	
	8D	880		153-5720	628-8824
1983-79	2674, F2574, F2575	31T	600	181	175-4370 8C-3628
1983-79	F1954, F2275 - Opt	24	345		153-5656 3T-5857
	24	435		153-5656	3T-5857
	31T	500	181	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	4D	700		9X-9721	
	8D	880		153-5720	628-8824
1983-79	F2275 - Opt	27H	435		153-5656 8C-3601
	31T	600	1, 181	175-4370	8C-3628
1983-79	F2574, F2575 - Opt	24	345		153-5656 3T-5857
	24	435		153-5656	3T-5857
	31T	455	1, 181	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	4D	700		9X-9721	
	8D	880		153-5720	628-8824
1983-79	F2674 - Opt	24	345		153-5656 3T-5857
	24	435		153-5656	3T-5857
	31T	455	1, 181	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	4D	700		9X-9721	
	8D	880		153-5720	628-8824
1983-79	F2674 - Opt	24	345		153-5656 3T-5857
	24	435		153-5656	3T-5857
	31T	455	1, 181	175-4370	8C-3628
	31T	600	181	175-4370	8C-3628

MAKE <sup>(89)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (90)	Replacement	
				Option 1	Option 2
	31T	625	1, 181	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	4D	700		9X-9721	
	8D	880		153-5720	628-8824
1983	1954 - Opt	31T	500	15	175-4370 8C-3628
1983	2276 S - Opt	24	345		153-5656 3T-5857
	24	345	1, 24, 179	153-5656	3T-5857
	24	435		153-5656	3T-5857
	24	435	1, 24, 179	153-5656	3T-5857
	27H	435		153-5656	8C-3601
	27H	435	1, 24, 179	153-5656	8C-3601
	31T	500	181	175-4370	8C-3628
	31T	500	1, 24, 179	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	625	1, 24, 179	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628
	31T	650	179	175-4370	8C-3628
	4D	700		9X-9721	
	4D	700	1, 24, 179	9X-9721	
	4D	880		9X-9721	
	4D	880	1, 24, 179	9X-9721	
	4D	880		9X-9721	
	4D	880	1, 24, 179	9X-9721	
	8D	880		153-5720	628-8824
1983	2276 S, 2375 S	31T	600	1, 181	175-4370 8C-3628
	31T	600	1, 24, 179	175-4370	8C-3628
1983	2375 S - Opt	24	345		153-5656 3T-5857
	24	345	1, 24, 179	153-5656	3T-5857
	24	435		153-5656	3T-5857
	24	435	1, 24, 179	153-5656	3T-5857
	27H	435		153-5656	8C-3601
	27H	435	1, 24, 179	153-5656	8C-3601
	31T	500	181	175-4370	8C-3628
	31T	500	1, 24, 179	175-4370	8C-3628
	31T	625	1, 181	175-4370	8C-3628
	31T	625	1, 24, 179	175-4370	8C-3628
	31T	650	173	175-4370	8C-3628

89 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

90 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(91)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (92)	Replacement	
				Option 1	Option 2
		31T 650	1, 24, 179	175-4370	8C-3628
		4D 700		9X-9721	
		4D 700	1, 24, 179	9X-9721	
		4D 880		9X-9721	
		4D 880	1, 24, 179	9X-9721	
1983	F2276 S - Opt	24 345		153-5656	3T-5857
		24 435		153-5656	3T-5857
		27H 435		153-5656	8C-3601
		31T 500	181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		4D 700		9X-9721	
		4D 880		9X-9721	
1983	F2276 S, F2375 S	31T 600	1, 181	175-4370	8C-3628
1983	F2375 S - Opt	24 345		153-5656	3T-5857
		24 435		153-5656	3T-5857
		27H 435		153-5656	8C-3601
		31T 500	181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		4D 700		9X-9721	
		4D 880		9X-9721	
1982-81	1724 - Opt	31T 455	1, 181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
1982-81	S1600, S1624	31T 500	181	175-4370	8C-3628
1982-81	S1600, S1624 - Opt	31T 600	1, 181	175-4370	8C-3628
1982-81	S1624, S1823 - Opt	27H 435		153-5656	8C-3601
1982-81	S1700	31T 455	1, 181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
1982-81	S1754, S1853 - Opt	24 435		153-5656	3T-5857
		4D 700		9X-9721	
		8D 880		153-5720	628-8824
1982-81	S1754, S2554 - Opt	24 345		153-5656	3T-5857
		31T 455	1, 181	175-4370	8C-3628
		31T 600	181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
1982-81	S1823 - Opt	31T 500	181	175-4370	8C-3628
		31T 600	1, 181	175-4370	8C-3628
1982-81	S1854, S2554 - Opt	24 435		153-5656	3T-5857
		4D 700		9X-9721	
		8D 880		153-5720	628-8824
1982-80	S1600, S1624 - Opt	24 345		153-5656	3T-5857

MAKE <sup>(91)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (92)	Replacement	
				Option 1	Option 2
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		31T 925	173	354-3613	100-4081
		4D 700		9X-9721	
1982-80	S1600, S1700 - Opt	8D 880		153-5720	628-8824
1982-80	S1624, S1723 - Opt	8D 880		153-5720	628-8824
1982-80	S1700, S1723 - Opt	24 345		153-5656	3T-5857
		24 435		153-5656	3T-5857
		31T 455	1, 181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		4D 700		9X-9721	
1982-80	S1700, S1723, S1724	31T 600	181	175-4370	8C-3628
1982-80	S1724, S1800 - Opt	24 435		153-5656	3T-5857
		4D 700		9X-9721	
1982-80	S1724, S1823 - Opt	24 345		153-5656	3T-5857
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		8D 880		153-5720	628-8824
1982-80	S1724, S2524 - Opt	31T 455	1, 181	175-4370	8C-3628
1982-80	S1800, S2500 - Opt	8D 880		153-5720	628-8824
1982-80	S1823, S1824 - Opt	24 435		153-5656	3T-5857
		4D 700		9X-9721	
1982-80	S1823, S1924 - Opt	31T 925	173	354-3613	100-4081
1982-80	S1824, S1924 - Opt	8D 880		153-5720	628-8824
1982-80	S1924, S1925 - Opt	24 345		153-5656	3T-5857
		24 435		153-5656	3T-5857
		27H 435		153-5656	8C-3601
		31T 500	181	175-4370	8C-3628
		31T 600	1, 181	175-4370	8C-3628
		31T 625	1, 181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		4D 700		9X-9721	
1982-80	S1925, S2524 - Opt	31T 925	173	354-3613	100-4081
		8D 880		153-5720	628-8824
1982-80	S2500, S2524 - Opt	24 345		153-5656	3T-5857
		24 435		153-5656	3T-5857
		31T 600	181	175-4370	8C-3628
		31T 650	173	175-4370	8C-3628
		4D 700		9X-9721	
1982-80	S2524 - Opt	31T 625	1, 181	175-4370	8C-3628
1982-79	1724, 1754 - Opt	24 345		153-5656	3T-5857
		24 345	1, 24, 179	153-5656	3T-5857
		24 435		153-5656	3T-5857

91 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

92 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(93)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (94)	Replacement Option 1    Option 2	
		24	435	1, 24, 179	153-5656	3T-5857
		31T	455	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	
		8D	880		153-5720	628-8824
		8D	880	1, 24, 179	153-5720	628-8824
1982-79	1724, 1754, 1924 S	31T	600	1, 24, 179	175-4370	8C-3628
1982-79	1724, 1754, F2554	31T	600	181	175-4370	8C-3628
1982-79	1754, 1924 S - Opt	31T	625	1, 181	175-4370	8C-3628
1982-79	1754, F2554 - Opt	31T	455	1, 181	175-4370	8C-3628
1982-79	1824, 1854 - Opt	24	435		153-5656	3T-5857
		4D	700		9X-9721	
		8D	880		153-5720	628-8824
1982-79	1824, 1924 S - Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5720	628-8824
1982-79	1924 S - Opt	24	345		153-5656	3T-5857
		24	345	1, 24, 179	153-5656	3T-5857
		24	435		153-5656	3T-5857
		27H	435		153-5656	8C-3601
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	181	175-4370	8C-3628
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	
		8D	880		153-5720	628-8824
1982-79	F2554 - Opt	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		31T	625	1, 181	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		4D	700		9X-9721	
		8D	880		153-5720	628-8824
1982	1854 - Opt	24	435	1, 24, 179	153-5656	3T-5857
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5656	8C-3601
1982	1954 - Opt	31T	635	1, 181	175-4370	8C-3628
		31T	635	1, 24, 179	175-4370	8C-3628
1982	S2500	31T	455	1, 181	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
1981-80	S1600, S1624 - Opt	24	435		153-5656	3T-5857
1981-80	S2100 - Opt	8D	880		153-5720	628-8824
1981-80	S2100, S2125 - Opt	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		31T	625	1, 181	175-4370	8C-3628

93 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

94 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(95)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (96)	Replacement Option 1    Option 2	
		31T	650	173	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
		4D	700		9X-9721	
1981-80	S2125- Opt	8D	880		153-5720	628-8824
1981-79	1854- Opt	31T	500		175-4370	8C-3628
1981-79	F1924- Opt	24	345		153-5656	3T-5857
		24	345	1, 24, 179	153-5656	3T-5857
		24	435		153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		27H	435		153-5656	8C-3601
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	181	175-4370	8C-3628
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	600	1, 181	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	173	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	173	354-3613	100-4081
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700		9X-9721	
		4D	700	1, 24, 179	9X-9721	
		8D	880		153-5720	628-8824
		8D	880	1, 24, 179	153-5720	628-8824
1981	S1853- Opt	24	345	181	153-5656	3T-5857
1981	S1854- Opt	31T	500		175-4370	8C-3628
1981	S2100, S2125- Opt	31T	500	181	175-4370	8C-3628
		31T	600	1, 181	175-4370	8C-3628
1981	S2125- Opt	27H	435		153-5656	8C-3601
1981	S2500- Opt	31T	455	1, 181	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
1980-79	1724- Opt	31T	455	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1980-79	1824- Opt	31T	455	1, 181	175-4370	8C-3628
		31T	455	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628

MAKE <sup>(95)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (96)	Replacement Option 1    Option 2	
1980-79	1954, 2554- Opt	24	345	181	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
1980	Cargostar	24	345	37, 151	153-5656	3T-5857
1980	Cargostar- Opt	24	345	37, 151	153-5656	3T-5857
1980	S1600, S1624- Opt	31T	455	1, 181	175-4370	8C-3628
1980	S1600, S1624, S1800	31T	600	181	175-4370	8C-3628
1980	S1800, S1823- Opt	31T	455	1, 181	175-4370	8C-3628
1980	S1823, S1824, S2100	31T	600	181	175-4370	8C-3628
1980	S1824, S2100- Opt	31T	455	1, 181	175-4370	8C-3628
1980	S1900	31T	650	173	175-4370	8C-3628
1980	S1924, S1925- Opt	24	345	1, 24, 179	153-5656	3T-5857
		24	435	1, 24, 179	153-5656	3T-5857
		27H	435	1, 24, 179	153-5656	8C-3601
		31T	500	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	600	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	650	1, 24, 179	175-4370	8C-3628
		31T	925	1, 24, 179	354-3613	100-4081
		4D	700	1, 24, 179	9X-9721	
		8D	880	1, 24, 179	153-5656	8C-3601
1980	S2125- Opt	31T	455	1, 181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	655	1, 181	3T-5760	8C-3628
1980	S2500	31T	455	1, 181	175-4370	8C-3628
		31T	625	1, 181	175-4370	8C-3628
<b>School Bus Chassis</b>						
2014-04	3300 CE	31T	640	173	175-4370	8C-3628
2014-04	3300 CE- Opt	31T	925	173	354-3613	100-4081
2014-02	3200 Chassis	31T	640	173	175-4370	8C-3628
2014-02	3200 Chassis- Opt	31T	925	173	354-3613	100-4081
<b>INTERNATIONAL BUS IC</b>						
<b>Commercial Bus</b>						
2010-04	3300	31T	650	173	175-4370	8C-3628
2010-04	3300- Opt	31T	925	173	354-3613	100-4081
2010	HC Series	31T	650	173	175-4370	8C-3628
2010	HC Series- Opt	31T	925	173	354-3613	100-4081
2009-06	BE, CE	31T	650	173	175-4370	8C-3628

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96 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(97)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (98)	Replacement Option 1   Option 2	
2009-06	BE, CE - Opt	31T	925	173	354-3613	100-4081
2009-06	RE	31T	925	173	354-3613	100-4081
2009-06	RE Commercial	31T	650	173	175-4370	8C-3628
2009-06	RE Commercial - Opt	31T	925	173	354-3613	100-4081
2008-06	FE	31T	650	173	175-4370	8C-3628
2008-06	FE - Opt	31T	925	173	354-3613	100-4081
<b>School Bus</b>						
2010-02	3200	31T	650	173	175-4370	8C-3628
2010-02	3200 - Opt	31T	925	173	354-3613	100-4081
2000-77	3000FE, 3400, 3600	31T	550	15	175-4370	8C-3628
2000-77	3800	31T	550	15	175-4370	8C-3628
1982-78	1700-1800 S-Series	24	340		153-5656	3T-5857
1982-78	1700-1800 S-Series- Opt	24	435		153-5656	3T-5857
		31T	625	177	175-4370	8C-3628
		4D	700		9X-9721	
		8D	880		153-5720	628-8824
1981	2275, 2575	31T	625	177	175-4370	8C-3628
1977	1610-FC, 1853	24	410		153-5656	3T-5857
1974-62	183RE - Rear Eng.	27	370		153-5656	8C-3601
	183RE - Opt, Rear Eng.	8D	880	1, 24, 179	153-5720	628-8824
1982-79	1924 S - Opt	4D	700		9X-9721	
		8D	900		153-5720	628-8824
1974-62	1853FC - Diesel	27	370		153-5656	8C-3601
1974-62	1853FC - Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
		8D	900		153-5720	628-8824
1974-62	193RE - Rear Eng.	27	370		153-5656	8C-3601
1974-62	193RE - Opt, Rear Eng.	4D	700		9X-9721	
		8D	900		153-5720	628-8824
<b>S-Series Tractors</b>						
1981	F-2275, F-2575	31T	625	177	175-4370	8C-3628
<b>Schoolmaster</b>						
1976-75	1603, 1703 - Opt	4	730	15	8C-3633	—
		5D	830		8C-3633	—
1976-75	1603, 1703, 1803	24	370		153-5656	3T-5857
1976-75	1803 - Opt	4	730	15	8C-3633	—
		5D	830		8C-3633	—
1976-62	1603, 1703 - Opt	2	650		8C-3629	8C-3617
		30H	520		8C-3627	430-5996
		4D	700		9X-9721	
		7D	900		8C-3633	—
		8D	880		153-5720	628-8824
1976-62	1803 - Opt	2	650		8C-3629	8C-3617
		30H	520		8C-3627	430-5996

MAKE <sup>(97)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (98)	Replacement Option 1   Option 2	
		4D	700		9X-9721	
		7D	900		8C-3633	—
		8D	880		153-5720	628-8824
1974-62	1603 - Diesel, Opt	5D	830		8C-3633	—
1974-62	1603, 1703 - Diesel	4	700		8C-3633	—
	1603, 1703, 1803 - Gas	24	370		153-5656	3T-5857
1974-62	1703 - Diesel, Opt	5D	830		8C-3633	—
1974-62	1803 - Diesel	4	700		8C-3633	—
1974-62	1803 - Diesel, Opt	5D	830		8C-3633	—
<b>Transtar, Transtar II</b>						
1983-81	CO-4070B, CO-9670	31T	625	179	175-4370	8C-3628
	COF-4070B, COF-9670	31T	625	179	175-4370	8C-3628
1983-81	F-4270, F-4370	31T	625	179	175-4370	8C-3628
1983-77	4370	31T	625	179	175-4370	8C-3628
1980-77	4270	31T	625	179	175-4370	8C-3628
1980-77	F-4270 - Transtar II	31T	625	179	175-4370	8C-3628
1980-77	F-4370 - Transtar	31T	625	179	175-4370	8C-3628
1976-75	4270, 4370 - Opt	4	990	173	8C-3633	—
1976-75	4270, 4370, CO-4070B	4	830	173	8C-3633	—
1976-75	CO-4070B - Opt	4	990	173	8C-3633	—
1976-75	COF-4070B - Opt	4	990	173	8C-3633	—
1976-75	COF-4070B, F-4270	4	830	173	8C-3633	—
1976-75	F-4270 - Opt	4	990	173	8C-3633	—
1976-75	F-4370	4	830	173	8C-3633	—
1976-75	F-4370 - Opt	4	990	173	8C-3633	—
1976	Conoco 4170, F-4170	4	830	173	8C-3633	—
1974-68	CO-4070A - Opt	30H	520		8C-3627	430-5996
		5D	830		8C-3633	—
		7D	900		8C-3633	—
		8D	900		153-5720	628-8824
1974-68	CO-4070A, CO-4070B	4	700		8C-3633	—
1974-68	CO-4070B - Opt	30H	520		8C-3627	430-5996
		5D	830		8C-3633	—
		7D	900		8C-3633	—
		8D	900		153-5720	628-8824
<b>School Bus Chassis</b>						
2014	3200 Chassis	31T	640	173	175-4370	8C-3628
2014	3200 Chassis - Opt	31T	925	173	354-3613	100-4081
2014	3300 CE	31T	640	173	175-4370	8C-3628
2014	3300 CE - Opt	31T	925	173	354-3613	100-4081
<b>INTERNATIONAL HARVESTER</b>						
<b>Class 8 Truck</b>						
2014	8500 TranStar, 8600	31T	650	173	175-4370	8C-3628
2014	ProStar	31T	650	173	175-4370	8C-3628

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98 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(99)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (100)	Replacement Option 1    Option 2	
1970-65	All M-- Models 700 thru 1700	24	450		153-5656	3T-5857
1970-65	MA-- Models 700 thru 1700	24	450		153-5656	3T-5857
1970-65	MC-- Models 700 thru 1700	24	450		153-5656	3T-5857
1970-58	A-, AB-, AM-, AMC-	24	450		153-5656	3T-5857
1970-58	All B- Models Exc Perkins Diesel - All 6-Volt	4	700	179	8C-3633	—
1970-58	All R-- All 12-Volt	27	370		153-5656	8C-3601
1970-58	All R-- All 6-Volt	4	700	173	8C-3633	—
1970-58	B-, BB-, BC-, BCF-	24	450		153-5656	3T-5857
1970-58	C-, CC-, CCF-, D-	24	450		153-5656	3T-5857
1970-58	RD-, RF-- All 12-Volt	27	370		153-5656	8C-3601
1970-58	RD-, RF-- All 6-Volt	4	700	173	8C-3633	—
1969-58	All V- Models	27	370		153-5656	8C-3601
1965-58	AM- Models 120 thru 163 Exc dual 6-Volt	24	450		153-5656	3T-5857
1965-58	AM-80, CM-110, CM-75	24	370		153-5656	3T-5857
1965-58	All D Series- Diesel, Detroit Diesel Eng	7D	900	15	8C-3633	—
1965-58	All D Series Exc Det. Diesel	4	700	173	8C-3633	—
1965-58	B- Models 120 thru 163 Exc dual 6-Volt	24	450		153-5656	3T-5857
1965-58	B-160 Dual 6-volt	2	550		8C-3629	8C-3617
1965-58	CM-80	24	370		153-5656	3T-5857
1964-58	ACO-190, ACO-200	27	370		153-5656	8C-3601
1964-58	ACO-220	27	370		153-5656	8C-3601
1964-58	ACOF-190, ACOF-200	4	700	15	8C-3633	—
1963-62	All B- Models- All 12-Volt	24	500		153-5656	3T-5857
1963-62	All B- Models- Diesel, Perkins, All 12-Volt	7D	900	15	8C-3633	—
1961-58	AC-220D, ACF-190D	4	700	173	8C-3633	—
1961-58	ACD-163, BCD-163	5D	830	15	8C-3633	—
1961-58	ACD-173, BCD-173	7D	900	15	8C-3633	—
1961-58	BC-220D, BCF-190D	4	700	173	8C-3633	—
1961-58	BCD-183, CO-170	7D	900	15	8C-3633	—
1961-58	BCF-200D	4	700	173	8C-3633	—
1961-58	CO-180	7D	900	15	8C-3633	—
<b>Medium/Heavy Truck</b>						
2014	8600 TranStar, 9900i	31T	650	173	175-4370	8C-3628
2014	9900i - Opt	31T	925	173	354-3613	100-4081

MAKE <sup>(99)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (100)	Replacement Option 1    Option 2	
2014	TerraStar	31T	650	173	175-4370	8C-3628
2014	TerraStar - Opt	31T	925	173	354-3613	100-4081
<b>Scout Series</b>						
1980-79	100Thru 500 - Opt, Scout, Terra, Traveler	74	500		369-9957	7X-6100
1980-77	100Thru 500 - Diesel, Scout, Terra, Traveler	31T	625		175-4370	8C-3628
1978-76	100Thru 500 - Scout, Terra, Traveler	24	370		153-5656	3T-5857
1973-64	1010 Thru 1510	27	400		153-5656	8C-3601
1970-61	80, 800, 800A, 800B	24	370		153-5656	3T-5857
1961	80- 4WD	24	370		153-5656	3T-5857
<b>Trucks</b>						
2014	5900 - Opt	31T	925	173	354-3613	100-4081
2014	5900, 5900i SBA	31T	650	173	175-4370	8C-3628
2014	5900i SBA - Opt	31T	925	173	354-3613	100-4081
2014	7300, 7400 - Opt	31T	925	173	354-3613	100-4081
2014	7300, 7400, 7500	31T	650	173	175-4370	8C-3628
2014	7500, 7600 - Opt	31T	925	173	354-3613	100-4081
2014	7600, 7700	31T	650	173	175-4370	8C-3628
2014	7700 - Opt	31T	925	173	354-3613	100-4081
1976-68	100Thru 200	27	525		153-5656	8C-3601
1976-68	1010 Thru 1310	27	525		153-5656	8C-3601
1973-62	210Thru 230	4	700		8C-3633	—
1973-62	210Thru 230 - Opt	7D	900		8C-3633	—
		8D	900		153-5720	628-8824
1970-64	CO-4000 - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
1970-64	CO-4000, CO-4000D	4	700	173	8C-3633	—
1970-64	CO-4000D - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
1970-64	COF-4000 - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
1970-64	COF-4000, COF-4000D	4	700	173	8C-3633	—
1970-64	COF-4000D - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
1970-64	COT-4000 - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
2009-06	COT-4000, COT-4000D	4	700	173	8C-3633	—
1970-64	COT-4000D - Opt	5D	830	173	8C-3633	—
		7D	900	15	8C-3633	—
1970-63	A-900, B-900, C-900	24	370		153-5656	3T-5857
1970-63	D-900 Thru D-1500	24	370		153-5656	3T-5857

**99 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

100 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(101)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (102)	Replacement		
				Option 1	Option 2	
1969-62	DCO-220 - Diesel	4	700	8C-3633	—	
2009-06	DCO-220 - Diesel, Opt	5D	830	8C-3633	—	
		7D	900	8C-3633	—	
		8D	900	153-5720	628-8824	
1968-66	C-900 - Opt	27	525	153-5656	8C-3601	
1968-65	AB-1200, AB-1400	24	370	153-5656	3T-5857	
<b>Cargostar</b>						
1983-78	CO-1610B - Opt	31T	625	175-4370	8C-3628	
1983-78	CO-1710B - Opt	31T	625	175-4370	8C-3628	
1983-78	CO-1910B - Opt	31T	625	175-4370	8C-3628	
1983-78	CO-1950B	24	410	153-5656	3T-5857	
1983-78	CO-1950B - Opt	31T	625	175-4370	8C-3628	
1983-78	COF-1810B - Opt	31T	625	175-4370	8C-3628	
1983-78	COF-1910B - Opt	31T	625	175-4370	8C-3628	
1983-78	COF-1950B - Opt	31T	625	175-4370	8C-3628	
1983-75	CO-1610B, CO-1710B	24	410	153-5656	3T-5857	
1983-75	CO-1910B, COF-1810B	24	410	153-5656	3T-5857	
1983-75	COF-1910B, COF-1950B	24	410	153-5656	3T-5857	
1977-76	CO-1950B	24	440	153-5656	3T-5857	
1977-75	CO-1610B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	CO-1710B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	CO-1905B	24	410	153-5656	3T-5857	
1977-75	CO-1905B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	CO-1910B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	COF-1810B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	COF-1910B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1977-75	COF-1950B - Opt	30H	520	8C-3627	430-5996	
		31T	625	15	175-4370	8C-3628
		4	440	15	8C-3633	—
1974-69	CO-1910A	27	370	153-5656	8C-3601	
1974-68	CO-1750A - Diesel	5D	830	8C-3633	—	

MAKE <sup>(101)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (102)	Replacement		
				Option 1	Option 2	
1974-68	CO-1850A - Diesel	7D	900	8C-3633	—	
1974-66	CO-1950A - Diesel	4	700	8C-3633	—	
1974-63	CO-1610A, CO-1710A	27	370	153-5656	8C-3601	
1974-63	CO-1810A	27	370	153-5656	8C-3601	
<b>Transtar, Transtar II</b>						
2014	LoneStar	31T	650	173	175-4370	8C-3628
2014	LoneStar - Opt	31T	925	173	354-3613	100-4081
<b>Transtar, Transtar II</b>						
1977-75	2010A, 2050A - Opt	4	730	177	8C-3633	—
1977-75	2010A, 2050A, 2070A	24	440		153-5656	3T-5857
1977-75	2070A - Opt	4	730	177	8C-3633	—
1977-75	F-2010A - Opt	4	730	177	8C-3633	—
1977-75	F-2010A, F-2050A	24	440		153-5656	3T-5857
1977-75	F-2050A - Opt	4	730	177	8C-3633	—
1977-75	F-2070A	24	440		153-5656	3T-5857
1977-75	F-2070A - Opt	4	730	177	8C-3633	—
1974-67	2010A, 2011A	27	435		153-5656	8C-3601
1974-67	2010A, 2011A - Opt	4	700		8C-3633	—
		5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-62	1910A	27	435		153-5656	8C-3601
1974-62	1910A - Opt	4	700		8C-3633	—
1974-62	2000D - Gas	27	435		153-5656	8C-3601
1974-62	2000D - Diesel	4	700		8C-3633	—
1974-62	2000D - Opt	4	700		8C-3633	—
1974-62	2000D - Diesel, Opt	7D	900		8C-3633	—
1974-62	2050D - Diesel	4	700		8C-3633	—
1974-62	2050D - Diesel, Opt	7D	900		8C-3633	—
<b>Transtar, Transtar II</b>						
1977-75	1600 - 2WD	24	410		153-5656	3T-5857
1977-75	1600 - 4WD, Opt	4	730	15	8C-3633	—
1977-75	1640	24	410		153-5656	3T-5857
1977-75	1640 - Opt	4	730	15	8C-3633	—
1977-75	1700 - 2WD	24	410		153-5656	3T-5857
1977-75	1700 - 4WD	24	410		153-5656	3T-5857
1977-75	1700 - 4WD, Opt	4	730	15	8C-3633	—
1977-75	1700, 1750 - Opt	4	730	15	8C-3633	—
1977-75	1750, 1800, 1850	24	410		153-5656	3T-5857
1977-75	1800, 1850 - Opt	4	730	15	8C-3633	—
1977-75	F-1800 - Opt	4	730	15	8C-3633	—
1977-75	F-1800, F-1850	24	410		153-5656	3T-5857
1977-75	F-1850 - Opt	4	730	15	8C-3633	—
1974-64	1800D - Diesel	4	700		8C-3633	—
1974-64	1800D - Diesel, Opt	7D	900		8C-3633	—
1974-62	1600 - Diesel, Opt	5D	830		8C-3633	—

101 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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102 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(103)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (104)	Replacement Option 1    Option 2	
		7D	900		8C-3633	—
1974-62	1600, 1700- Gas	24	370		153-5656	3T-5857
1974-62	1600, 1700- Diesel	4	700		8C-3633	—
1974-62	1700- Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-62	1750- Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-62	1750, 1850- Diesel	4	700		8C-3633	—
1974-62	1850- Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-62	1950- Diesel	4	700		8C-3633	—
1974-62	1950- Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-62	CO-1700- Opt	27	370		153-5656	8C-3601
1974-62	CO-1700, CO-1800	24	370		153-5656	3T-5857
1974-62	CO-1800- Opt	27	370		153-5656	8C-3601
<b>Medium/Heavy Truck</b>						
2014	4100- Opt	31T	925	173	354-3613	100-4081
2014	4100 Hybrid- Opt	31T	925	173	354-3613	100-4081
2014	4100, 4100 Hybrid	31T	650	173	175-4370	8C-3628
2014	4200, 4300	31T	650	173	175-4370	8C-3628
2014	4200, 4300- Opt	31T	925	173	354-3613	100-4081
2014	4300 Hybrid- Opt	31T	925	173	354-3613	100-4081
2014	4300 Hybrid, 4400	31T	650	173	175-4370	8C-3628
2014	4400- Opt	31T	925	173	354-3613	100-4081
2014	4400 Hybrid- Opt	31T	925	173	354-3613	100-4081
2014	4400 Hybrid, 4400LP	31T	650	173	175-4370	8C-3628
2014	4400LP- Opt	31T	925	173	354-3613	100-4081
<b>Metro</b>						
1974-63	M-1210Thru M-1510	4	700		8C-3633	—
<b>Mixers</b>						
1974-72	M-6123CBE	27	435		153-5656	8C-3601
1974-70	M-4270- Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-70	M-4270, M-4370	4	700		8C-3633	—
1974-70	M-4370- Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
1974-65	M-412CBE	27	435		153-5656	8C-3601
1974-65	M-412CBE- Opt	30H	520		8C-3627	430-5996
1974-65	M-412CBE- Diesel	4	700		8C-3633	—
1974-65	M-412CBE- Opt	4	700		8C-3633	—
1974-65	M-412CBE- Diesel, Opt	7D	900		8C-3633	—
1974-62	M-6123CBE- Diesel	4	700		8C-3633	—
1974-62	M-6123CBE- Diesel, Opt	7D	900		8C-3633	—

MAKE <sup>(103)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (104)	Replacement Option 1    Option 2	
1974-62	M-623CBE	27	435		153-5656	8C-3601
1974-62	M-623CBE- Diesel	4	700		8C-3633	—
1974-62	M-623CBE- Opt	4	700		8C-3633	—
1974-62	M-623CBE- Diesel, Opt	5D	830		8C-3633	—
		7D	900		8C-3633	—
		8D	900		153-5720	628-8824
1968-65	M-8234CBE	27	435		153-5656	8C-3601
1968-65	M-8234CBE- Opt	4	700		8C-3633	—
		7D	900		8C-3633	—
<b>Paystar</b>						
1983-81	5050, 5070, COF-5370	31T	455	179	175-4370	8C-3628
1983-81	F-5050, F-5070	31T	455	179	175-4370	8C-3628
1981-77	COF-5370- 6X4	31T	455	181	175-4370	8C-3628
1980-75	F-5050- Opt, 6X6	31T	625	179	175-4370	8C-3628
1980-75	F-5070- Opt, 6X6	31T	625	179	175-4370	8C-3628
1980	5050- 4WD	31T	600		175-4370	8C-3628
1980	5050, 5070- 4WD	31T	455	173	175-4370	8C-3628
1980	F-5050- 6X4	31T	455	173	175-4370	8C-3628
1980	F-5050- 6X6	31T	455	173	175-4370	8C-3628
1980	F-5050SF, F-5070-6X4	31T	455	173	175-4370	8C-3628
1980	F-5070- 6X6	31T	455	173	175-4370	8C-3628
1980	F-5070SF- 6X4	31T	455	173	175-4370	8C-3628
1979-75	5050- 4WD, Opt	31T	625	179	175-4370	8C-3628
		4	975	15	8C-3633	—
1979-75	5050, 5070- 4WD	4	700	179	8C-3633	—
1979-75	5070- 4WD, Opt	31T	625	179	175-4370	8C-3628
		4	975	15	8C-3633	—
1979-75	F-5050- Opt, 6X4	31T	625	179	175-4370	8C-3628
1979-75	F-5050- 6X4	4	700	179	8C-3633	—
1979-75	F-5050- 6X6	4	700	179	8C-3633	—
1979-75	F-5050- Opt, 6X4	4	975	15	8C-3633	—
1979-75	F-5050- Opt, 6X6	4	975	15	8C-3633	—
1979-75	F-5050SF- Opt, 6X4	4	700	179	8C-3633	—
		4	975	15	8C-3633	—
1979-75	F-5050SF, F-5070-6X4	7D	900	15	8C-3633	—
1979-75	F-5070- Opt, 6X4	31T	625	179	175-4370	8C-3628
1979-75	F-5070- 6X6	4	700	179	8C-3633	—
1979-75	F-5070- Opt, 6X4	4	975	15	8C-3633	—
1979-75	F-5070- Opt, 6X6	4	975	15	8C-3633	—
1979-75	F-5070SF- Opt, 6X4	31T	625	179	175-4370	8C-3628
1979-75	F-5070SF- 6X4	4	700	179	8C-3633	—
1979-75	F-5070SF- Opt, 6X4	4	975	15	8C-3633	—
1976	F-5010- 6X4	31T	455	181	175-4370	8C-3628

103 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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104 See page 413 for further description.

# Trucks & Buses

MAKE (105) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (106)	Replacement Option 1   Option 2	
<b>S-Series</b>						
1983-81	1600, 1800 - Opt	27	435		153-5656	8C-3601
1983-81	1900	24	340		153-5656	3T-5857
1983-81	1900, 2100 - Opt	27	435		153-5656	8C-3601
1983-81	1900, 2250 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2250, 2250-F, 2270	31T	500	15	175-4370	8C-3628
1983-81	2250-F, 2270 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2270-F, 2550 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2270-F, 2550, 2550-F	31T	500	15	175-4370	8C-3628
1983-81	2550-F, 2570 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2570, 2570-F, 2650	31T	500	15	175-4370	8C-3628
1983-81	2570-F, 2650 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2650-F, 2670 - Opt	31T	625	177	175-4370	8C-3628
1983-81	2650-F, 2670, 2670-F	31T	500	15	175-4370	8C-3628
1983-81	2670-F - Opt	31T	625	177	175-4370	8C-3628
1983-78	1600, 1800	24	340		153-5656	3T-5857
1983-78	1600, 1800 - Opt	31T	625	177	175-4370	8C-3628
1983-78	2100 - Opt	31T	625	177	175-4370	8C-3628
1983-76	2100	24	340		153-5656	3T-5857
1980-78	1600, 1700 - Opt	24	410		153-5656	3T-5857
1980-78	1700	24	340		153-5656	3T-5857
1980-78	1700, 2200 - Opt	31T	625	177	175-4370	8C-3628
1980-78	1800 - Opt	24	410		153-5656	3T-5857
1980-78	2600 - Opt	31T	625	177	175-4370	8C-3628
1980-76	2200, 2600	24	340		153-5656	3T-5857
1980-76	2600 - Opt	24	410		153-5656	3T-5857
1978	2100, 2200 - Opt	24	410		153-5656	3T-5857
<b>ISUZU</b>						
<b>Medium Duty</b>						
2006-04	FXR	31T	750	15, 24	3T-5760	8C-3628
1994-92	NPR	24	630	15, 24	153-5656	3T-5857
<b>Medium/Heavy Truck</b>						
2013-94	NQR - Diesel	31T	750	15, 24	3T-5760	8C-3628
2013-09	NRR	31T	750	15	3T-5760	8C-3628
2013-06	NPR-HD	31T	750	15, 24	3T-5760	8C-3628
2013-05	NRR	31T	750	15, 24	3T-5760	8C-3628
2013-01	NQR	31T	750	15	3T-5760	8C-3628
2012-09	NPR	31T	630	15, 49	175-4370	8C-3628
2012-06	NPR	31T	630	15, 24	175-4370	8C-3628
2011-94	FVR	31T	750	15, 24	3T-5760	8C-3628
2011-88	FTR	31T	750	15, 24	3T-5760	8C-3628
2011-07	FXR	31T	750	15, 24	3T-5760	8C-3628
2008-95	NPR	24	630	15, 24	153-5656	3T-5857
2008-95	NPR - Opt	31T	750	15, 24	3T-5760	8C-3628
2008-06	NRR - Diesel	31T	750	15, 49	3T-5760	8C-3628

MAKE (105) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (106)	Replacement Option 1   Option 2	
2008-05	HTR, HVR	31T	750	15, 24	3T-5760	8C-3628
2005-99	NPR-HD	24	630	15, 24	153-5656	3T-5857
2005-99	NPR-HD - Opt	31T	750	15, 24	3T-5760	8C-3628
2005-03	NPR - Opt	31T	630	15, 24	175-4370	8C-3628
2004-00	FRR	31T	750	15, 24	3T-5760	8C-3628
2002-87	FSR	31T	750	15, 24	3T-5760	8C-3628
2000-94	EVR	31T	750	15, 24	430-5996	127-0826 {29}
2000-94	NRR - Diesel	31P	750	15, 24	430-5996	127-0826 {29}
2000-92	NQR - Diesel	31T	750	15	3T-5760	8C-3628
1998-95	FRR	31T	750	15, 24	3T-5760	8C-3628
1997-93	NQR	24	630	215	153-5656	3T-5857
1997-86	NPR	31T	750	15, 24	3T-5760	8C-3628
1994-88	NRR	31T	750	15, 24	3T-5760	8C-3628
1993-92	NPR	24	630	15, 49	153-5656	3T-5857
1993-88	NRR	31T	750	15	3T-5760	8C-3628
1993-87	EVR	31T	750	15, 24	3T-5760	8C-3628
		31T	750	15, 49	3T-5760	8C-3628
1993-86	NPR	31T	750	15, 49	3T-5760	8C-3628
1992-88	FVR	31T	750	15, 24	3T-5760	8C-3628
1991-89	E	31T	750	15	3T-5760	8C-3628
1985	MR	31T	750	15	3T-5760	8C-3628
		31T	750	15, 24	3T-5760	8C-3628
<b>Trucks</b>						
2013-99	NPR-HD	31T	750	15	3T-5760	8C-3628
2012-88	FTR, FVR	31T	750	15	3T-5760	8C-3628
2012-06	FXR	31T	750	15	3T-5760	8C-3628
2010-07	FVM	31T	750	15	3T-5760	8C-3628
2008-98	NPR	31T	750	15, 49	3T-5760	8C-3628
2008-06	F, H, HXR, N	31T	750	15	3T-5760	8C-3628
2008-06	N	31T	630	15	175-4370	8C-3628
2008-05	HTR, HVR	31T	750	15	3T-5760	8C-3628
2005-99	NPR-HD	24	630	15	153-5656	3T-5857
2005-94	NPR	24	630	15, 49	153-5656	3T-5857
2005-92	N	24	630	15, 215	153-5656	3T-5857
2005-86	N	31T	750	15, 215	3T-5760	8C-3628
2005	F, H	31T	750	15, 215	3T-5760	8C-3628
2004-00	FRR	31T	750	15	3T-5760	8C-3628
2003-88	F	31T	750	15, 215	3T-5760	8C-3628
2002-87	FSR	31T	750	15	3T-5760	8C-3628
1998-95	FRR	31T	750	15	3T-5760	8C-3628
1974-62	1600 - Diesel, Opt	31P	750	15, 49	430-5996	127-0826 {29}

105 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

106 See page 413 for further description.

# Trucks & Buses

MAKE (107) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (108)	Replacement Option 1    Option 2	
1991-89	E	31T	750	15, 215	3T-5760	8C-3628
1987-85	KS22	31P	580	49	430-5996	8C-3627
1987	F	31T	580	15, 215	175-4370	8C-3628
1986-85	FSR	31P	580	49	430-5996	8C-3627
1985	KS22	31P	420	49	430-5996	8C-3627
1985	M	31T	750	15, 215	3T-5760	8C-3628
1985	NPR	31P	580	15, 49	430-5996	8C-3627
<b>IVECO</b>						
<b>Coach RV</b>						
2008-06	Daily Camper	31T	625	15	175-4370	8C-3628
<b>Commercial Bus</b>						
2008-06	Mini Bus, Touring	31T	625	15	175-4370	8C-3628
2008-06	Urban	31T	625	15	175-4370	8C-3628
<b>Heavy Duty</b>						
2010-06	Stralis AT/AD	31T	625	15	175-4370	8C-3628
2010-06	Trakker	31T	625	15	175-4370	8C-3628
2008-06	Stralis AS/ES	31T	625	15	175-4370	8C-3628
2006	AT/AD	31T	625	15	175-4370	8C-3628
<b>Light Duty</b>						
2008-06	Daily Agile	31T	625	15	175-4370	8C-3628
2008-06	Daily CNG, Daily Cab	31T	625	15	175-4370	8C-3628
2008-06	Daily Combi	31T	625	15	175-4370	8C-3628
2008-06	Daily Van	31T	625	15	175-4370	8C-3628
2006	Cab, Combi GNG, Van	31T	625	15	175-4370	8C-3628
<b>Medium/Heavy Truck</b>						
2010-01	Euro Cargo	31T	625	15	175-4370	8C-3628
1990-87	EuroTurbo 335T	31A	625	15, 24	430-5996	8C-3627
1990-87	EuroTurbo 340T	31A	625	15, 24	430-5996	8C-3627
1990-87	EuroTurbo 435T	31A	625	15, 24	430-5996	8C-3627
1990-87	EuroTurbo 450T	31A	625	15, 24	430-5996	8C-3627
1988-87	Euro 110, Euro 220	31A	625	15, 24	430-5996	8C-3627
1988-87	EuroTurbo 120TA	31A	625	15, 24	430-5996	8C-3627
1988-87	EuroTurbo 220T	31A	625	15, 24	430-5996	8C-3627
1988-87	EuroTurbo 230T	31A	625	15, 24	430-5996	8C-3627
1987-80	Z450T	30H	540	15, 24	8C-3627	430-5996
1986-85	Z340T, Z450T	30H	540	15	8C-3627	430-5996
1986-80	Z340T	30H	540	15, 24	8C-3627	430-5996
<b>Specialty</b>						
2008-06	ADT	31T	625	15	175-4370	8C-3628
2008-06	Airport Fire Vehicle	31T	625	15	175-4370	8C-3628
2008-06	Automatic Turnable Ladder	31T	625	15	175-4370	8C-3628
2008-06	Firefighting Appliance	31T	625	15	175-4370	8C-3628

MAKE (107) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (108)	Replacement Option 1    Option 2	
2008-06	HD7, RD	31T	625	15	175-4370	8C-3628
2008-06	Telescopic Pl	31T	625	15	175-4370	8C-3628
2006	HDT	31T	625	15	175-4370	8C-3628
<b>Trucks</b>						
1991-89	10-14, 12-11, 12-12	31A	625	15	430-5996	8C-3627
1991-89	12-14, 13-14, 15-14	31A	625	15	430-5996	8C-3627
1991-89	18-14, 18-16, 23-16	31A	625	15	430-5996	8C-3627
1988-87	110, 120TA, 220	31A	625	15	430-5996	8C-3627
1988-87	220T, 230T, 335T	31A	625	15	430-5996	8C-3627
1988-87	340T, 435T, 450T	31A	625	15	430-5996	8C-3627
1985-83	Z-100, Z-110	30H	540	15	8C-3627	430-5996
1985-83	Z-120TA, Z-220	30H	540	15	8C-3627	430-5996
1985-83	Z-220T, Z-230T	30H	540	15	8C-3627	430-5996
1985-82	Z-100, Z-110, Z-220	43	375	15	8C-3605	250-0490
<b>KALAMAZOO</b>						
<b>Buses</b>						
1951-48	All Models	7D	900		8C-3633	—
<b>KENWORTH</b>						
<b>Class 8 Cement Mixer</b>						
2008-07	T800	31T	925	179	354-3613	100-4081
<b>Class 8 Dump</b>						
2007-04	T300	31T	925	179	354-3613	100-4081
1996-94	548, 850- Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1979-75	950, C500- Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-86	548, 850- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-86	950, C500- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-85	548, 850- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	950, C500- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-84	548, 850- Opt 6-Volt	4	940	179	8C-3633	—
1996-84	950, C500- Opt 6-Volt	4	940	179	8C-3633	—
1996-83	548, 850- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1979-75	950, C500- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-81	548, 850- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-81	950, C500- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1993-83	548, 850- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	950, C500- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1990-81	548, 850- Opt 6-Volt	5D	830	179	8C-3633	—

107 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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108 See page 413 for further description.

# Trucks & Buses

MAKE (109) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (110)	Replacement Option 1    Option 2	
1983-81	950, C500 - Opt 6-Volt	5D	830	179	8C-3633	—
1985-84	548, 850 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	950, C500 - w/12-Volt	31T	625	15	175-4370	8C-3628
1983-81	548, 850 - w/6-Volt	4	800	179	8C-3633	—
1983-81	950, C500 - w/6-Volt	4	800	179	8C-3633	—
1982-81	548, 850 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1983-81	950, C500 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
<b>Class 8 Fire/Crash</b>						
2001	Fire Truck	31T	925	179	354-3613	100-4081
2000	Fire Truck - Opt	31T	550	179	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
		31T	650	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
<b>Class 8 Truck</b>						
2014-13	C500, T800, T880	31T	925	173	354-3613	100-4081
2014-12	T680	31T	925	173	354-3613	100-4081
2014-10	T440, T460, T700	31T	925	173	354-3613	100-4081
2014-09	T470	31T	925	173	354-3613	100-4081
2014-07	T660	31T	925	179	354-3613	100-4081
2014-03	W900	31T	925	179	354-3613	100-4081
2014	C500, T800	31T	925	179	354-3613	100-4081
2014	T660	31T	925	173	354-3613	100-4081
2012-03	C500, T800	31T	925	179	354-3613	100-4081
2011-03	T2000	31T	925	179	354-3613	100-4081
2007-06	T401, T401T, T404	31T	925	179	354-3613	100-4081
2007-06	T404 SAR, T404 ST	31T	925	179	354-3613	100-4081
2007-06	T604, T650, T90H	31T	925	179	354-3613	100-4081
2007-06	T950	31T	925	179	354-3613	100-4081
2006-03	T600	31T	925	179	354-3613	100-4081
2003-01	On Highway Conventional	31T	925	179	354-3613	100-4081
2003-01	On/Off Highway Conventional	31T	925	179	354-3613	100-4081
2000-98	On Highway Conventional - Opt	31T	550	179	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
		31T	650	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
2000-98	On/Off Highway Conventional - Opt	31T	550	179	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628

MAKE (109) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (110)	Replacement Option 1    Option 2	
		31T	650	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
2000	On Highway Conventional - Opt	31T	650	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
2000-94	On Highway Conventional - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1997-96	On Highway Conventional - w/12-Volt	31T	625	181	175-4370	8C-3628
1997-96	On Highway Conventional - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1997-96	On Highway Conventional - Opt 6-Volt	4	940	179	8C-3633	—
1996-94	548, 850 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	950, ATX - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	C500 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	K100 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T400 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T450 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T600 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T800 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T953 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	T993 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1996-94	T993 - w/12-Volt	31T	625	181	175-4370	8C-3628
1996-94	T993 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-94	T993 - Opt 6-Volt	4	940	179	8C-3633	—
1996-94	W300 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-94	W900 - Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1996-93	ATX, T953 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1996-93	ATX, T953 - w/12-Volt	31T	625	181	175-4370	8C-3628
1996-93	ATX, T953 - Opt 12-Volt	31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081

109 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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110 See page 413 for further description.

# Trucks & Buses

MAKE (111) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (112)	Replacement Option 1    Option 2	
1991-89	ATX, T953- Opt 6-Volt	4	940	179	8C-3633	—
1996-93	W300- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1996-93	W300- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-93	W300- Opt 12-Volt	31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-93	W300- Opt 6-Volt	4	940	179	8C-3633	—
1996-86	548, 850- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-86	950, C500- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-86	K100, T400- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-86	T450, T600- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-86	T800, W900- w/12-Volt	31T	625	181	175-4370	8C-3628
1996-85	548, 850- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	950, C500- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	K100- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	T400- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	T450- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	T600- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	T800- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-85	W900- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1996-84	548, 850- Opt 6-Volt	4	940	179	8C-3633	—
1996-84	950, C500- Opt 6-Volt	4	940	179	8C-3633	—
1996-84	K100, T400- Opt 6-Volt	4	940	179	8C-3633	—
1996-84	T400- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-84	T450, T600- Opt 6-Volt	4	940	179	8C-3633	—
1996-84	T800, W900- Opt 6-Volt	4	940	179	8C-3633	—
1996-83	548, 850- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-83	950, C500- Opt 12-Volt	31T	625	179	175-4370	8C-3628

MAKE (111) EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (112)	Replacement Option 1    Option 2	
1996-83	K100- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-83	T450- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-83	T600- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-83	T800- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-83	W900- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1996-82	K100- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-82	T450- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-82	T600- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-82	T800- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-81	548, 850- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-81	950, C500- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1996-81	W900- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1994-86	750- w/12-Volt	31T	625	181	175-4370	8C-3628
1994-85	750- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1994-84	750- Opt 6-Volt	4	940	179	8C-3633	—
1994-83	750- Opt 12-Volt	31T	625	179	175-4370	8C-3628
1994-81	750- Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1994	750- Opt 12-Volt	31T	700	181	3T-5760	8C-3628
1993-84	T400- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	548, 750- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	850, 950- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	C500- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	K100- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	T450- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	T600- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	T800- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993-83	W900- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993	ATX, T953- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1993	W300- Opt 12-Volt	31T	530	179	175-4370	8C-3628
1991-86	849-S- w/12-Volt	31T	625	181	175-4370	8C-3628
1991-85	849-S- Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1991-84	849-S- Opt 6-Volt	4	940	179	8C-3633	—
1991-83	849-S- Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628

**111 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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112 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(113)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (114)	Replacement Option 1    Option 2	
1991-82	849-S - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1990-86	C500-B - w/12-Volt	31T	625	181	175-4370	8C-3628
1990-86	LW924 - w/12-Volt	31T	625	181	175-4370	8C-3628
1990-85	C500-B - Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1990-85	LW924 - Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1990-84	C500-B - Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1990-84	C500-B - Opt 6-Volt	4	940	179	8C-3633	—
		5D	830	179	8C-3633	—
1990-84	LW924 - Opt 6-Volt	4	940	179	8C-3633	—
1990-84	T400 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-83	LW924 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1990-82	849-S - Opt 6-Volt	5D	830	179	8C-3633	—
1990-82	K100, T450 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-82	T600, T800 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-81	548, 750 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-81	850, 950 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-81	C500 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-81	LW924 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1990-81	LW924 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-81	W900 - Opt 6-Volt	5D	830	179	8C-3633	—
1986-85	540 - Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1986-85	LW900 - Opt 12-Volt	31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1986-84	540, LW900 - Opt 6-Volt	4	940	179	8C-3633	—
1986-83	540 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1986-83	LW900 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1986-81	540 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1986-81	540, LW900 - Opt 6-Volt	31T	925	15	354-3613	100-4081
1986-81	LW900 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628

MAKE <sup>(113)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (114)	Replacement Option 1    Option 2	
1986	540, LW900 - w/12-Volt	31T	650	181	175-4370	8C-3628
1985-84	540, 548 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	750, 849-S - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	850, 950 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	C500 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	C500-B - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	K100, LW900 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	LW924, T400 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	T800, W900 - w/12-Volt	31T	625	15	175-4370	8C-3628
1985-84	849-S, K100 - w/6-Volt	31T	625	15	175-4370	8C-3628
1983-82	T450, T600 - w/6-Volt	4	800	179	8C-3633	—
1983-82	T800 - w/6-Volt	4	800	179	8C-3633	—
1983-81	540, 548 - w/6-Volt	4	800	179	8C-3633	—
1983-81	750, 850 - w/6-Volt	4	800	179	8C-3633	—
1983-81	950, C500 - w/6-Volt	4	800	179	8C-3633	—
1983-81	L700 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
1983-81	L700 - Opt 6-Volt	5D	830	179	8C-3633	—
1983-81	L700, LW900 - w/6-Volt	4	800	179	8C-3633	—
1983-81	LW924, W900 - w/6-Volt	4	800	179	8C-3633	—
1983	L700 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1982-81	540, 548 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	750, 850 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	950, C500 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	L700 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	LW900 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	LW924 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982-81	W900 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982	849-S - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982	K100 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982	T450 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982	T600 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
1982	T800 - Opt 12-Volt	31T	625	181	175-4370	8C-3628
<b>Commercial Truck</b>						
2010-08	K260	31T	925	179	354-3613	100-4081
2007-06	K104	31T	925	179	354-3613	100-4081
<b>Industrial Tractors</b>						

113 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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114 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(115)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (116)	Replacement Option 1    Option 2	
1967-62	200	4D	800	15	9X-9721	
1967-62	300Thru 600, KT-17	8D	900	15	153-5720	628-8824
<b>Medium Duty</b>						
2016-15	T680 - Diesel	31T	925	24, 179	354-3613	100-4081
2016-13	T680	31T	925	24, 179	354-3613	100-4081
2016-01	W900	31T	925	24, 179	354-3613	100-4081
2015-14	T660 - Diesel	31T	925	24, 179	354-3613	100-4081
2015-14	T800 - Natural Gas	31T	925	24, 179	354-3613	100-4081
2015-14	T880	31T	925	24, 179	354-3613	100-4081
2015-11	T700	31T	925	24, 179	354-3613	100-4081
2015-08	T660	31T	925	24, 179	354-3613	100-4081
2015-01	C500, T800	31T	925	24, 179	354-3613	100-4081
2015	T400 - Natural Gas	31T	925	24, 179	354-3613	100-4081
2015	T880 - Natural Gas	31T	925	24, 179	354-3613	100-4081
2015	W900 - Diesel	31T	925	24, 179	354-3613	100-4081
2014-11	T400 - Diesel	31T	925	24, 179	354-3613	100-4081
2014-10	T400	31T	925	24, 179	354-3613	100-4081
2014	W900 - Natural Gas	31T	925	24, 179	354-3613	100-4081
2013-12	W900 - Diesel	31T	925	24, 179	354-3613	100-4081
2011-09	T800 - Diesel	31T	925	24, 179	354-3613	100-4081
2011-01	T2000	31T	925	24, 179	354-3613	100-4081
2010	W900 - Diesel	31T	925	24, 179	354-3613	100-4081
2007-01	T600A	31T	925	24, 179	354-3613	100-4081
2006-05	K100E	31T	925	24, 179	354-3613	100-4081
2002-85	K100E	31T	650	24, 179	175-4370	8C-3628
2002-85	K100E - Opt	31T	925	24, 179	354-3613	100-4081
2002-01	K100E	31T	925	24, 179	354-3613	100-4081
2000-98	C500, K100E - Opt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628

MAKE <sup>(115)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (116)	Replacement Option 1    Option 2	
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
2000-98	C500, T2000 - Opt	31T	925	24, 179	354-3613	100-4081
2000-98	C500, T2000, T600A	31T	650	24, 179	175-4370	8C-3628
2000-98	T2000, T600A - Opt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
2000-98	T600A, T800 - Opt	31T	925	24, 179	354-3613	100-4081
2000-98	T800, W900 - Opt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
2000-98	W900 - Opt	31T	925	24, 179	354-3613	100-4081
1998	T400 - Opt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1997	K100E - Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	K100E - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	K100E - Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081

115 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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116 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(117)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (118)	Replacement Option 1    Option 2	
		4	940	24, 179	8C-3633	—
1997	T2000- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	T2000- w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	T2000- Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	940	24, 179	8C-3633	—
1997	T400- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	T400- w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	T400- Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	940	24, 179	8C-3633	—
1997	T450- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	T450- w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	T450- Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	940	24, 179	8C-3633	—
1997	T600A- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	T600A- w/12-Volt	31T	625	24, 179	175-4370	8C-3628

MAKE <sup>(117)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (118)	Replacement Option 1    Option 2	
1997	T600A- w/12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	940	24, 179	8C-3633	—
1997	T800- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	T800- w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	T800- Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	640	24, 179	8C-3633	—
		4	940	24, 179	8C-3633	—
1997	W900- Opt12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997	W900- w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1997	W900- Opt12-Volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
		4	640	24, 179	8C-3633	—
1996-94	C500- Opt 12-Volt	31T	700	24, 179	3T-5760	8C-3628
1996-85	C500- Opt 12-Volt	31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
1996-84	C500- Opt 6-Volt	4	940	24, 179	8C-3633	—
1996-81	C500- Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628

117 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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118 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(119)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (120)	Replacement Option 1    Option 2	
1996-81	C500 - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1996-81	C500 - Opt 12-Volt	31T	750	24, 179	3T-5760	8C-3628
1993-83	C500 - Opt 12-Volt	31T	530	24, 179	175-4370	8C-3628
1990-81	C500 - Opt 6-Volt	5D	830	24, 179	8C-3633	—
1989-81	C500 - Opt 12-Volt	31T	750	24, 179	3T-5760	8C-3628
		31T	925	24, 179	354-3613	100-4081
1989-81	C500 - Opt 6-Volt	4	940	24, 179	8C-3633	—
		5D	830	24, 179	8C-3633	—
1983-81	C500 - w/6-Volt	4	800	24, 179	8C-3633	—
<b>Medium/Heavy Truck</b>						
2014-13	K270	31T	925	173	354-3613	100-4081
2014-12	K370	31T	925	173	354-3613	100-4081
2014-10	KW45, KW55	31T	925	173	354-3613	100-4081
2014-09	T170 Hybrid	31T	925	173	354-3613	100-4081
2014-09	T270 Hybrid	31T	925	173	354-3613	100-4081
2014-09	T370 Hybrid	31T	925	173	354-3613	100-4081
2014-07	T170, T270, T370	31T	925	179	354-3613	100-4081
2008	T170, T270, T370	31T	925	24, 179	354-3613	100-4081
2007-06	CT350, T40 4S	31T	925	179	354-3613	100-4081
2007-01	K300, T300	31T	925	179	354-3613	100-4081
2007	K360	31T	925	179	354-3613	100-4081
2005-93	K300 - Opt 12-volt	31T	550	24, 179	175-4370	8C-3628
2005-93	K300 - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
2005-93	K300 - Opt 12-volt	31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
		31T	925	24, 179	354-3613	100-4081
2005-93	K300 - Opt 6-volt	4	940	24, 179	8C-3633	—
2003-02	T300 - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
2003-01	T300	31T	925	24, 179	354-3613	100-4081
2003	T300 - Opt	31T	900	24, 179	354-3613	100-4081
2002	T300 - Opt	31T	750	24, 179	3T-5760	8C-3628

MAKE <sup>(119)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (120)	Replacement Option 1    Option 2	
2001-98	T300 - Opt	31T	925	24, 179	354-3613	100-4081
2001	T300 - Opt 6-volt	4	940	24, 179	8C-3633	—
2000-98	K300, T300 - Opt	31T	550	179	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
		31T	650	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
2000-98	T300 - Opt	31T	550	24, 179	175-4370	8C-3628
		31T	650	24, 179	175-4370	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
2000	K300, T300 - Opt	31T	925	179	354-3613	100-4081
2000	T300	31T	550	24, 179	175-4370	8C-3628
1999	T300	31T	625	24, 179	175-4370	8C-3628
1998-95	T300 - Opt 12-volt	31T	550	24, 179	175-4370	8C-3628
		31T	700	24, 179	3T-5760	8C-3628
		31T	750	24, 179	3T-5760	8C-3628
		31T	900	24, 179	354-3613	100-4081
1998-95	T300 - Opt 6-volt	4	940	24, 179	8C-3633	—
1997-95	T300 - Opt 12-volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1997-95	T300 - w/12-volt	31T	625	181	175-4370	8C-3628
		31T	625	24, 179	175-4370	8C-3628
1997-95	T300 - Opt 12-volt	31T	700	181	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081
		31T	925	15	354-3613	100-4081
1997-95	T300 - Opt 12-volt	31T	925	24, 179	354-3613	100-4081
1997-95	T300 - Opt 6-volt	4	940	179	8C-3633	—
1997-94	T300 - Opt 12-volt	31T	700	181	3T-5760	8C-3628
1997-93	T300 - Opt 12-volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1997-93	K300 - w/12-Volt	31T	625	181	175-4370	8C-3628
1997-93	K300 - Opt 12-Volt	31T	750	181	3T-5760	8C-3628
		31T	900	181	354-3613	100-4081

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120 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(121)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (122)	Replacement	
				Option 1	Option 2
		31T 925	15	354-3613	100-4081
1997-93	K300 - Opt 6-Volt	4 940	179	8C-3633	—
1994-91	K150 - Opt 12-volt	31T 925	24, 179	354-3613	100-4081
1994-90	K150 - Opt 12-volt	31T 530	24, 179	175-4370	8C-3628
1994-90	K150 - Opt 12-Volt	31T 550	179	175-4370	8C-3628
1994-90	K150 - Opt 12-volt	31T 550	24, 179	175-4370	8C-3628
1994-90	K150 - Opt 12-Volt	31T 625	179	175-4370	8C-3628
1994-90	K150 - w/12-Volt	31T 625	181	175-4370	8C-3628
		31T 625	24, 179	175-4370	8C-3628
1994-90	K150 - Opt 12-volt	31T 750	181	3T-5760	8C-3628
1994-90	K150 - Opt 12-Volt	31T 750	24, 179	3T-5760	8C-3628
1994-90	K150 - Opt 12-volt	31T 900	181	354-3613	100-4081
1994-90	K150 - Opt 12-Volt	31T 900	24, 179	354-3613	100-4081
1994-90	K150 - Opt 12-Volt	31T 925	15	354-3613	100-4081
1994-90	K150 - Opt 6-volt	4 940	179	8C-3633	—
1994-90	K150 - Opt 6-Volt	4 940	24, 179	8C-3633	—
1994	K150 - Opt 12-Volt	31T 700	181	3T-5760	8C-3628
1994	K220 - Opt 12-Volt	31T 550	179	175-4370	8C-3628
1994	K220 - Opt 12-Volt	31T 550	24, 179	175-4370	8C-3628
1994	K220 - Opt 12-Volt	31T 625	179	175-4370	8C-3628
1994	K220 - w/12-Volt	31T 625	181	175-4370	8C-3628
		31T 625	24, 179	175-4370	8C-3628
1994	K220 - Opt 12-Volt	31T 700	181	3T-5760	8C-3628
		31T 750	181	3T-5760	8C-3628
1994	K220 - Opt 12-Volt	31T 750	24, 179	3T-5760	8C-3628
1994	K220 - Opt 12-Volt	31T 900	181	354-3613	100-4081
1994	K220 - Opt 12-Volt	31T 900	24, 179	354-3613	100-4081
1994	K220 - Opt 12-Volt	31T 925	15	354-3613	100-4081
1994	K220 - Opt 12-Volt	31T 925	24, 179	354-3613	100-4081
1994	K220 - Opt 6-Volt	4 940	179	8C-3633	—
1994	K220 - Opt 6-Volt	4 940	24, 179	8C-3633	—
		5D 830	24, 179	8C-3633	—
1994	K300 - Opt 12-volt	31T 925	15, 24	354-3613	100-4081
1993-90	K150 - Opt 12-Volt	31T 530	179	175-4370	8C-3628
1993-87	K130 - Opt 12-Volt	31T 530	179	175-4370	8C-3628
		31T 550	179	175-4370	8C-3628

MAKE <sup>(121)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (122)	Replacement	
				Option 1	Option 2
1993-87	K130 - Opt 12-volt	31T 550	24, 179	175-4370	8C-3628
1993-87	K130 - Opt 12-volt	31T 625	179	175-4370	8C-3628
1993-87	K130 - w/12-volt	31T 625	181	175-4370	8C-3628
1993-87	K130-Opt12-volt	31T 625	24, 179	175-4370	8C-3628
1993-87	K130-Opt12-volt	31T 750	181	3T-5760	8C-3628
1993-87	K130-Opt12-volt	31T 750	24, 179	3T-5760	8C-3628
1993-87	K130-Opt12-volt	31T 900	181	354-3613	100-4081
1993-87	K130-Opt12-volt	31T 900	24, 179	354-3613	100-4081
1993-87	K130-Opt12-volt	31T 925	15	354-3613	100-4081
1993-87	K130-Opt12-volt	31T 925	24, 179	354-3613	100-4081
1993-87	K130-Opt6-Volt	4 940	179	8C-3633	—
1993-87	K130-Opt6-Volt	4 940	24, 179	8C-3633	—
		5D 830	24, 179	8C-3633	—
1993	K200-Opt12-Volt	31T 530	179	175-4370	8C-3628
1993	K200-Opt12-Volt	31T 530	24, 179	175-4370	8C-3628
1993	K200-Opt12-Volt	31T 550	179	175-4370	8C-3628
1993	K200-Opt12-Volt	31T 550	24, 179	175-4370	8C-3628
1993	K200-Opt12-Volt	31T 625	179	175-4370	8C-3628
1993	K200 - w/12-Volt	31T 625	181	175-4370	8C-3628
		31T 625	24, 179	175-4370	8C-3628
1993	K200-Opt12-Volt	31T 750	181	3T-5760	8C-3628
1993	K200-Opt12-Volt	31T 750	24, 179	3T-5760	8C-3628
1993	K200-Opt12-Volt	31T 900	181	354-3613	100-4081
1993	K200-Opt12-Volt	31T 900	24, 179	354-3613	100-4081
1993	K200-Opt12-Volt	31T 925	15	354-3613	100-4081
1993	K200-Opt12-Volt	31T 925	24, 179	354-3613	100-4081
1993	K200-Opt 6-Volt	4 940	179	8C-3633	—
1993	K200-Opt 6-Volt	4 940	24, 179	8C-3633	—
1993	K300-Opt 12-Volt	31T 530	179	175-4370	8C-3628
1992-88	K220-Opt12-Volt	31T 530	179	175-4370	8C-3628
		31T 550	179	175-4370	8C-3628
1992-88	K220-Opt12-Volt	31T 550	24, 179	175-4370	8C-3628
1992-88	K220-Opt12-Volt	31T 625	179	175-4370	8C-3628
1992-88	K220 - w/12-Volt	31T 625	181	175-4370	8C-3628
		31T 625	24, 179	175-4370	8C-3628

**121 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

*Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.*

122 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(123)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (124)	Replacement		
				Option 1	Option 2	
1992-88	K220 - Opt 12-Volt	31T	750	181	3T-5760	8C-3628
1992-88	K220 - Opt 12-Volt	31T	750	24, 179	3T-5760	8C-3628
1992-88	K220 - Opt 12-Volt	31T	900	181	354-3613	100-4081
1992-88	K220 - Opt 12-Volt	31T	900	24, 179	354-3613	100-4081
1992-88	K220 - Opt 12-Volt	31T	925	15	354-3613	100-4081
1992-88	K220 - Opt 12-Volt	31T	925	24, 179	354-3613	100-4081
1992-88	K220 - Opt 6-Volt	4	940	179	8C-3633	—
1992-88	K220 - Opt 6-Volt	4	940	24, 179	8C-3633	—
		5D	830	24, 179	8C-3633	—
1990-88	K220 - Opt 6-Volt	5D	830	179	8C-3633	—
1990-87	K130 - Opt 6-Volt	5D	830	179	8C-3633	—
1990	K150 - Opt 12-Volt	31T	925	15, 24	354-3613	100-4081
1990	K150 - Opt 6-Volt	5D	830	179	8C-3633	—
1990	K150 - Opt 6-Volt	5D	830	24, 179	8C-3633	—
1989-88	13-210 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	530	24, 179	175-4370	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
		31T	625	179	175-4370	8C-3628
1989-88	13-210 - w/12-Volt	31T	625	181	175-4370	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	625	24, 179	175-4370	8C-3628
1989-88	13-210 - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	750	181	3T-5760	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	750	24, 179	3T-5760	8C-3628
1989-88	13-210 - Opt 12-Volt	31T	900	181	354-3613	100-4081
1989-88	13-210 - Opt 12-Volt	31T	900	24, 179	354-3613	100-4081
1989-88	13-210 - Opt 12-Volt	31T	925	15	354-3613	100-4081
1989-88	13-210 - Opt 12-Volt	31T	925	24, 179	354-3613	100-4081
1989-88	13-210 - Opt 6-Volt	4	940	179	8C-3633	—
1989-88	13-210 - Opt 6-Volt	4	940	24, 179	8C-3633	—
1989-88	13-210 - Opt 6-Volt	5D	830	179	8C-3633	—
1989-88	13-210 - Opt 6-Volt	5D	830	24, 179	8C-3633	—
1989	22-210 - Opt 12-Volt	31T	530	179	175-4370	8C-3628
1989	22-210 - Opt 12-Volt	31T	530	24, 179	175-4370	8C-3628
1989	22-210 - Opt 12-Volt	31T	550	179	175-4370	8C-3628
1989	22-210 - Opt 12-Volt	31T	550	24, 179	175-4370	8C-3628

MAKE <sup>(123)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (124)	Replacement		
				Option 1	Option 2	
1989	22-210 - Opt 12-Volt	31T	625	24, 179	175-4370	8C-3628
1989	22-210 - w/12-Volt	31T	625	181	175-4370	8C-3628
1989	22-210 - Opt 12-Volt	31T	625	24, 179	175-4370	8C-3628
1989	22-210 - w/12-Volt	31T	625	24, 179	175-4370	8C-3628
1989	22-210 - Opt 12-Volt	31T	750	181	3T-5760	8C-3628
1989	22-210 - Opt 12-Volt	31T	750	24, 179	3T-5760	8C-3628
1989	22-210 - Opt 12-Volt	31T	900	181	354-3613	100-4081
1989	22-210 - Opt 12-Volt	31T	900	24, 179	354-3613	100-4081
1989	22-210 - Opt 12-Volt	31T	925	15	354-3613	100-4081
1989	22-210 - Opt 12-Volt	31T	925	24, 179	354-3613	100-4081
1989	22-210 - Opt 6-Volt	4	940	179	8C-3633	—
1989	22-210 - Opt 6-Volt	4	940	24, 179	8C-3633	—
1989	22-210 - Opt 6-Volt	5D	830	179	8C-3633	—
1989	22-210 - Opt 6-Volt	5D	830	24, 179	8C-3633	—
<b>Trucks</b>						
1976-52	All	4	625	179	8C-3633	—
1976-52	All - Opt	8D	900	15	153-5720	628-8824
1951-46	All	5D	750	179	8C-3633	—
KME						
<b>Class 8 Fire/Crash</b>						
2014-07	Predator	31T	925	175	354-3613	100-4081
2014-00	Excel Chassis	31T	925	175	354-3613	100-4081
2014-00	Firefox, Hawk	31T	925	175	354-3613	100-4081
2014-00	Renegade Chassis	31T	925	175	354-3613	100-4081
2009-00	AARF	31T	925	175	354-3613	100-4081
1999-97	Firefox, Hawk	31T	950	179	354-3613	100-4081
1999-96	Excel Chassis	31T	950	179	354-3613	100-4081
1999-90	AARF	31T	950	179	354-3613	100-4081
1999-89	Renegade Chassis	31T	950	179	354-3613	100-4081
<b>Class 8 Municipal Snowblower</b>						
2014-00	Snow Plow	31T	925	175	354-3613	100-4081
1999-89	Snow Plow	31T	950	179	354-3613	100-4081
<b>Trucks</b>						
1996-81	All	31T	950	179	354-3613	100-4081
<b>KODIAK</b>						
<b>Class 8 Municipal Snowblower</b>						
2014-87	Truck	31T	925	181	354-3613	100-4081
<b>KW-DART</b>						
<b>Trucks</b>						
1967-63	Models D-2541 Thru D-6651	24	450		153-5656	3T-5857

123 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

124 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(125)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (126)	Replacement Option 1   Option 2	
1962-52	100B, 125UG, 18SUGS	3	600	147	8C-3629	8C-3617
1962-52	10S, 10SL	4D	700	15	9X-9721	
1962-52	200-456, 200-457	3	600	147	8C-3629	8C-3617
1962-52	60T	3	600	147	8C-3629	8C-3617
1956-52	200-3010, 200-3020	3	600		8C-3629	8C-3617
<b>LIEBHERR-AMERICA, INC.</b>						
<b>Mining</b>						
2004-02	262, 282B, T 252	4D	1000		9X-9721	
<b>MACK</b>						
<b>Buses</b>						
1974	All Models	4	630		8C-3633	—
1959-58	97D	8D	950		153-5720	628-8824
1959-58	All C Series	4D	800		9X-9721	
1959-58	B-34B	2	600		8C-3629	8C-3617
<b>Class 8 Cement Mixer</b>						
2007-97	MR	31T	660	181	3T-5760	8C-3628
2004-01	Granite	31T	660	181	3T-5760	8C-3628
2004-00	Granite - Opt	31T	925	181	354-3613	100-4081
2000-97	DM, DMM	31T	660	181	3T-5760	8C-3628
<b>Class 8 Dump</b>						
2011-08	Titan	31T	660	181	3T-5760	8C-3628
2011-01	Granite	31T	660	181	3T-5760	8C-3628
2011-00	Granite - Opt	31T	925	181	354-3613	100-4081
2007-97	MR	31T	660	181	3T-5760	8C-3628
2007-06	Granite Bridge Formula	31T	925	15	354-3613	100-4081
2000-97	DM, DMM, RB	31T	660	181	3T-5760	8C-3628
<b>Class 8 Refuse</b>						
2011-07	Terrapro	31T	650	181	175-4370	8C-3628
2007-97	LE	31T	650	181	175-4370	8C-3628
<b>Class 8 Truck</b>						
2014-09	Titan II	31T	650	181	175-4370	8C-3628
2014-08	Titan	31T	650	181	175-4370	8C-3628
2014-07	Granite - Opt	31T	925	181	354-3613	100-4081
2014-07	Granite, Terrapro	31T	650	181	175-4370	8C-3628
2014-06	Pinnacle	31T	650	181	175-4370	8C-3628
2010-08	Granite Axle Back	31T	925	181	354-3613	100-4081
2008-06	Rawhide	31T	925	173	354-3613	100-4081
2007-99	Vision	31T	650	181	175-4370	8C-3628
2007-97	CH, MR	31T	650	181	175-4370	8C-3628
2007-06	Granite Axle Back	31T	925	173	354-3613	100-4081
2007-06	Granite Bridge Formula	31T	750	181	3T-5760	8C-3628
2007	CL	31T	650	181	175-4370	8C-3628
2006	CL	31T	750	181	3T-5760	8C-3628

MAKE <sup>(125)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (126)	Replacement Option 1   Option 2	
2005-97	CL	31T	650	181	175-4370	8C-3628
2000-97	DM, DMM, RB	31T	650	181	175-4370	8C-3628
<b>Fire Engines</b>						
1980-79	All Models	8D	880		153-5720	628-8824
<b>Medium Duty</b>						
2015-12	GU4, GU5	31T	650	24, 148	175-4370	8C-3628
2015-12	GU4, GU5 - Opt	31T	925	24, 148	354-3613	100-4081
2015-10	TD700	31T	650	24, 148	175-4370	8C-3628
2015-08	CHU, CXU, GU7, GU8	31T	650	24, 148	175-4370	8C-3628
2015-08	GU7, GU8 - Opt	31T	925	24, 148	354-3613	100-4081
2015-08	LEU, MRU	31T	650	24, 148	175-4370	8C-3628
2010	LE	31T	650	24, 148	175-4370	8C-3628
2008-06	CTP	31T	660	24, 148	3T-5760	8C-3628
2008-01	CV	31T	660	24, 148	3T-5760	8C-3628
2007-91	CL	31T	660	24, 148	3T-5760	8C-3628
2007-06	CHN, CXN, CXP	31T	660	24, 148	3T-5760	8C-3628
2007-05	CT	31T	660	24, 148	3T-5760	8C-3628
2007-05	LE	31T	650	24, 148	175-4370	8C-3628
2007-05	LE - Natural Gas	31T	650	24, 148	175-4370	8C-3628
2007	MR, RD	31T	660	24, 148	3T-5760	8C-3628
2006-81	DM	31T	660	24, 148	3T-5760	8C-3628
2006-04	MR - Diesel	31T	660	24, 148	3T-5760	8C-3628
2005-89	RB	31T	660	24, 148	3T-5760	8C-3628
2004-81	RD	31T	660	24, 148	3T-5760	8C-3628
2004	LE - Diesel	31T	650	24, 148	175-4370	8C-3628
2003-97	LE	31T	650	24, 148	175-4370	8C-3628
2003-89	CH	31T	660	24, 148	3T-5760	8C-3628
2003-81	DMM, MR	31T	660	24, 148	3T-5760	8C-3628
<b>Medium/Heavy Truck</b>						
2001-95	CS200P Mid-Liner	31T	660	24, 148	3T-5760	8C-3628

125 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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126 See page 413 for further description.



# Industrial Equipment

MAKE <sup>(127)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (128)	Replacement	
				Option 1	Option 2
2001-95	CS300P Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
2001-95	MS200P Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
2001-95	MS250P Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
2001-95	MS300P Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
2001-95	CS250P Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
1997-95	CS300T Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
1996-95	MS300T Mid-Liner	31T	660	24, 148	3T-5760 8C-3628
1994-86	CS200P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-86	CS200P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-86	CS250P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-86	CS250P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-86	CS300P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-86	CS300P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-86	CS300T Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-86	CS300T Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-84	MS200P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-84	MS200P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-83	MS250P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-83	MS250P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-81	MS300P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-81	MS300P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1994-81	MS300T Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1994-81	MS300T Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1982-80	MS200P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1982-80	MS200P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —
1981	MS250P Mid-Liner-w/12-Volt	31T	625	24, 148	175-4370 8C-3628
1981	MS250P Mid-Liner-w/6-Volt	4	680	24, 148	8C-3633 —

MAKE <sup>(127)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (128)	Replacement	
				Option 1	Option 2
<b>Midliner Trucks</b>					
2001-95	CS-Series, MSSeries	31T	660	181	3T-5760 8C-3628
2001-94	CS200P, CS300P	31T	660	181	3T-5760 8C-3628
2001-94	MS200P, MS250P	31T	660	181	3T-5760 8C-3628
2001-94	MS300P	31T	660	181	3T-5760 8C-3628
2000-95	MS/CS-200, MS/CS-250	31T	660		3T-5760 8C-3628
2000-95	MS/CS-300	31T	660		3T-5760 8C-3628
2000-94	CS250P	31T	660	181	3T-5760 8C-3628
1997-94	CS300T	31T	660	181	3T-5760 8C-3628
1996-94	MS300T	31T	660	181	3T-5760 8C-3628
1994-91	MS/CS-200, MS/CS-250	31T	550		175-4370 8C-3628
1994-91	MS/CS-300	31T	550		175-4370 8C-3628
1994-86	CS-Series	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1994-80	MS-Series	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1993-86	CS200P, CS250P	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1993-86	CS300P, CS300T	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1993-84	MS200P	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1993-83	MS250P	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1993-81	MS300P, MS300T	31T	625		175-4370 8C-3628
		4	680		8C-3633 —
1990-79	MS/CS-200, MS/CS-250	31T	475		175-4370
1990-79	MS/CS-300	31T	475		8C-3628
1983-81	MS300P, MS300T	2	520		175-4370 8C-3628
		22F	350		8C-3629 8C-3617
		24	400		3T-5859 369-9958
		24F	400		153-5656 3T-5857
		27	415		153-5656 3T-5857
		27F	415		153-5656 8C-3601
		30H	370		8C-3602 3T-5858
		42	260		8C-3627 430-5996
		5D	750		250-0490 —
		7D	870		8C-3633 —
1983-80	MS-Series	2	520		8C-3633 —
		22F	350		8C-3629 8C-3617
		24	400		3T-5859 369-9958
		24F	400		153-5656 3T-5857
					3T-5858 250-0487

127 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

128 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(129)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (130)	Replacement Option 1    Option 2	
		27	415		153-5656	8C-3601
		27F	415		8C-3602	3T-5858
		30H	370		8C-3627	430-5996
		42	260		250-0490	—
		5D	750		8C-3633	—
		7D	870		8C-3633	—
1983	MS250P	2	520		8C-3629	8C-3617
		22F	350		3T-5859	369-9958
		24	400		153-5656	3T-5857
		24F	400		153-5656	3T-5857
		27	415		153-5656	8C-3601
		27F	415		8C-3602	3T-5858
		30H	370		8C-3627	430-5996
		42	260		250-0490	—
		5D	750		8C-3633	—
		7D	870		8C-3633	—
1982-80	MS200P	2	520		8C-3629	8C-3617
		22F	350		3T-5859	369-9958
		24	400		153-5656	3T-5857
		24F	400		153-5656	3T-5857
		27	415		153-5656	8C-3601
		27F	415		8C-3602	3T-5858
		30H	370		8C-3627	430-5996
		31T	625		175-4370	8C-3628
		4	680		8C-3633	—
		42	260		250-0490	—
		5D	750		8C-3633	—
		7D	870		8C-3633	—
1981	MS250P	2	520		8C-3629	8C-3617
		22F	350		3T-5859	369-9958
		24	400		153-5656	3T-5857
		24F	400		153-5656	3T-5857
		27	415		153-5656	8C-3601
		27F	415		8C-3602	3T-5858
		30H	370		8C-3627	430-5996
		31T	625		175-4370	8C-3628
		4	680		8C-3633	—
		42	260		250-0490	—
		5D	750		8C-3633	—
		7D	870		8C-3633	—
<b>Trucks</b>						
2000-95	All Models	31T	660		3T-5760	8C-3628
1994-84	All Models	31T	625		175-4370	8C-3628
1994-84	All Models - Opt	4	680		8C-3633	—
1983-52	All Models - Opt	2	520		8C-3629	8C-3617

MAKE <sup>(129)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (130)	Replacement Option 1    Option 2	
		22F	350		3T-5859	369-9958
		24	400		153-5656	3T-5857
		24F	400		3T-5858	250-0487
		27	415		153-5656	8C-3601
		27F	415		8C-3602	3T-5858
		30H	370		8C-3627	430-5996
		42	260		250-0490	—
		5D	750		8C-3633	—
		7D	870		8C-3633	—
<b>MARGIRIS</b>						
1987-82	200 A11FL	4D-LT	715	15	153-5700 {30}	8C-3622
1994-86	200 A13FL	4D-LT	715	15	153-5700 {30}	8C-3622
<b>Trucks</b>						
1987-82	160A11FL,160A13FL	4D-LT	715	15	153-5700 {30}	8C-3622
1987-82	200 A13FL	4D-LT	715	15	153-5700 {30}	8C-3622
<b>MARMON</b>						
<b>Class 8 Truck</b>						
1998-81	57P	31T	625	181	175-4370	8C-3628
1994-81	57L	31T	625	181	175-4370	8C-3628
<b>Trucks</b>						
2000-76	All Models	31T	625	181	175-4370	8C-3628
<b>MARMON HARRINGTON</b>						
<b>Medium Duty</b>						
1997-96	103P, 125P, 57P	31T	625	24, 148	175-4370	8C-3628
1997-92	103PA	4	625	24, 148	175-4370	8C-3628
1996-91	57PA	31T	625	24, 148	175-4370	8C-3628
1995-93	125PA	31T	625	24, 148	175-4370	8C-3628
1994-93	125P	2	625	24, 148	175-4370	8C-3628
1993-90	57P	22F	625	24, 148	175-4370	8C-3628
1987-86	57L	24	625	24, 148	175-4370	8C-3628
1986-84	86P	24F	625	24, 148	175-4370	8C-3628
1985-84	57P	27	625	24, 148	175-4370	8C-3628
<b>MARMON-HERRINGTON</b>						
<b>Buses</b>						
1963-51	4C, 5C, 6C, 8MB	4B	975		153-5710	
<b>Trucks</b>						

**129 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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130 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(131)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (132)	Replacement Option 1    Option 2	
1968-62	C-1004, C-704, C-754	27F	500		8C-3602	3T-5858
1968-62	C-804, C-854, C-954	27F	500		8C-3602	3T-5858
1968-62	F-1004, F-804, F-854	27F	500		8C-3602	3T-5858
1968-62	F-504, F-604, F-704	24F	400		3T-5858	250-0487
1968-62	F-754	24F	400		3T-5858	250-0487
1968-62	F-954, T-806, T-856	27F	500		8C-3602	3T-5858
1968-62	T-956	27F	500		8C-3602	3T-5858
<b>MCI</b>						
<b>Motor Coach Bus Chassis</b>						
2014-09	D4000, D4005	8D	1350	15	153-5720	628-8824
2014-09	D4500 Hybrid, D4505	8D	1350	15	153-5720	628-8824
2014-07	J4500	8D	1350	15	153-5720	628-8824
2012-09	D4500	8D	1350	15	153-5720	628-8824
<b>MERCEDES-BENZ TRUCK CO.</b>						
<b>Trucks</b>						
1997-86	L-1113, L-1117	31T	625		175-4370	8C-3628
1997-86	L-1319, LP-1219	31T	625		175-4370	8C-3628
1997-86	LP-1419	31T	625		175-4370	8C-3628
1997-85	LPS-1525	31T	625		175-4370	8C-3628
1985-75	L-1013, L-1113	4D	800		9X-9721	
1985-75	L-1116, L-1117	4D	800		9X-9721	
1985-75	L-1316, L-1317	4D	800		9X-9721	
1983-75	L-1418, LS-1418	30H	580		8C-3627	430-5996
<b>MITSUBISHI FUSO</b>						
<b>Medium/Heavy Truck</b>						
2013-12	Canter FE125	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2013-12	Canter FE160	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2013-12	Canter FE180	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2013-12	Canter FG4X4	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2011-08	FE125	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2011-08	FK260	31T	512	15	175-4370	8C-3628
		31T	512	15, 24	175-4370	8C-3628
2011-05	FE145, FE145CC	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2011-05	FE180, FG140	31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
2011-05	FK200, FM330	31T	512	15	175-4370	8C-3628
		31T	512	15, 24	175-4370	8C-3628
2010-06	FH, FK, FM	31T	512	15	175-4370	8C-3628
2010-06	FL	31T	650	15	175-4370	8C-3628
<b>2007-06 FE140</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2007-05 FM260</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2006 180</b>						
		31T	400	15	175-4370	8C-3628
<b>2006 FP/FV Series</b>						
		31T	650	15	175-4370	8C-3628
<b>2005 FE120</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2004-99 FM-SR</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2004-98 FG</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2004-96 FE-HD, FE-SP</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2004-96 FM-MR, FM-SP</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2004-88 FH</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2004-87 FE</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2004-86 FK</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2004-78 FH, FK</b>						
		31T	512	15	175-4370	8C-3628
<b>2003-96 FM-HR</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>2001 FE-CA</b>						
		31T	400	15, 24	175-4370	8C-3628
<b>2000-99 FE</b>						
		31T	650	15, 24	175-4370	8C-3628
<b>1998-87 FE</b>						
		27	622	15, 24	153-5656	8C-3601
<b>1998-78 FM</b>						
		31T	512	15	175-4370	8C-3628
<b>1997-96 FM-SR</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>1997-94 FG</b>						
		27	622	15	153-5656	8C-3601
<b>1995-86 FM</b>						
		31T	512	15, 24	175-4370	8C-3628
<b>1993-90 FG</b>						
		27	622	15, 24	153-5656	8C-3601
<b>1993-90 FG - Opt</b>						
		27	622	15, 24	153-5656	8C-3601
		31T	400	15	175-4370	8C-3628
		31T	400	15, 24	175-4370	8C-3628
<b>1989-78 FG</b>						
		27	622	15	153-5656	8C-3601
<b>1987-78 FE</b>						
		27	622	15	153-5656	8C-3601
<b>1987 FE - Opt</b>						
		27	622	15, 24	153-5656	8C-3601
<b>MONACO</b>						
<b>Motor Home Chassis</b>						
2014-07	RR10S, RR4R, RR8R	31T	700		3T-5760	8C-3628
2014-07	RR8S, RSR, S-Series	31T	700		3T-5760	8C-3628
<b>MOTOR COACH INDUSTRIES</b>						
<b>Medium Duty</b>						

131 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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132 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(133)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (134)	Replacement		
				Option 1	Option 2	
2007-93	102D3, 102DL3	8D	1350	24,148	153-5720	628-8824
2007-06	D4505	8D	1350	24,148	153-5720	628-8824
2007-05	D4005	8D	1350	24,148	153-5720	628-8824
2007	102EL3, J4500	8D	1350	24,148	153-5720	628-8824
2003-98	102EL3	8D	1350	24,148	153-5720	628-8824
2003-01	102GL3, F3500, J4500	8D	1350	24,148	153-5720	628-8824
2000-98	102D3 - Diesel	8D	1350	24,148	153-5720	628-8824
1999-92	MC-12	8D	1350	24,148	153-5720	628-8824
1998-97	102C3	8D	1350	24,148	153-5720	628-8824
1996	J4500	8D	1350	24,148	153-5720	628-8824
1994-87	102C3	8D	1350	24,148	153-5720	628-8824
<b>NABI</b>						
<b>Commercial Bus</b>						
2006	60 BRT	8D	1150		153-5720	628-8824
<b>Transit Bus</b>						
2010-07	Ultra LF, Ultra LMB	8D	1150		153-5720	628-8824
2010-07	XCEL 102	8D	1150		153-5720	628-8824
2009-07	60 BRT	8D	1150		153-5720	628-8824
2005-04	60 BRT	8D	1150		153-5720	628-8824
<b>NAVISTAR INTERNATIONAL</b>						
<b>Cargostar</b>						
1983-78	All	24	435		153-5656	3T-5857
1983-78	All - Opt	30H	520		8C-3627	430-5996
		31T	475	15	175-4370	8C-3628
		31T	625	15	175-4370	8C-3628
1977-76	All	24	440		153-5656	3T-5857
1977-76	All - Opt	4	730	15	8C-3633	—
<b>Commercial Truck</b>						
2006	4000, 5000, 7000	31T	650	173	175-4370	8C-3628
2006	8000, 9000 Series	31T	650	173	175-4370	8C-3628
2006	CF Series	31T	925	173	354-3613	100-4081
2006	CXT - Opt	31T	925	173	354-3613	100-4081
2006	CXT, City Tractor	31T	650	173	175-4370	8C-3628
2006	City Tractor - Opt	31T	925	173	354-3613	100-4081
2006	MXT, RXT	31T	650	173	175-4370	8C-3628
2006	MXT, RXT - Opt	31T	925	173	354-3613	100-4081
2006	RXT Towbdy	31T	650	173	175-4370	8C-3628
2006	RXT Towbody - Opt	31T	925	173	354-3613	100-4081

**133 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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134 See page 413 for further description.

MAKE <sup>(133)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (134)	Replacement		
				Option 1	Option 2	
<b>Construction Trucks</b>						
1998-77	All Models	31T	650	177	175-4370	8C-3628
<b>Fleetstar</b>						
1977-76	All	24	440		153-5656	3T-5857
1977-76	All - Opt	4	440	177	8C-3633	—
		4	730	177	8C-3633	—
<b>Loadstar</b>						
		24	440		153-5656	3T-5857
		4	1000	15	8C-3633	—
		4	730	15	8C-3633	—
<b>Truck &amp; Bus</b>						
2000-77	3000FE, 3400, 3600	31T	550	15	175-4370	8C-3628
2000-77	3800, 4000 Series	31T	550	15	175-4370	8C-3628
2000-77	8000 Series, 9100	31T	650	181	175-4370	8C-3628
2000-77	9200, 9300 Eagle	31T	650	181	175-4370	8C-3628
2000-77	9400 Eagle, 9800	31T	650	181	175-4370	8C-3628
		31T	500	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
1983-81	1900	24	345		153-5656	3T-5857
1983-81	1900, 2250, F	31T	625	1	175-4370	8C-3628
1983-81	2100, 2250, F	31T	500	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
1983-81	2270, F, 2550, F	31T	500	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
		31T	625	1	175-4370	8C-3628
1983-81	2570, F, 2650-F	31T	500	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
		31T	625	1	175-4370	8C-3628
1983-81	2670, 2670-F	31T	500	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
		31T	625	1	175-4370	8C-3628
1983-81	5050, 5070, COF-5370	31T	455	15	175-4370	8C-3628
		31T	600		175-4370	8C-3628
		31T	625		175-4370	8C-3628
1983-81	CO, COF-9670	31T	455	181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1983-81	CO-4070B, F	31T	455	181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1983-81	F-5050, F-5070, SF	31T	455	15	175-4370	8C-3628
		31T	600		175-4370	8C-3628
		31T	625		175-4370	8C-3628
1983-80	2100	31T	625	1	175-4370	8C-3628
1983-78	1600, 1800	31T	625	1	175-4370	8C-3628

# Trucks & Buses

MAKE <sup>(135)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (136)	Replacement Option 1    Option 2	
1983-78	1600, 1800, 2100	24	345		153-5656	3T-5857
1983-77	4370, F, F-4270	31T	455	181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1982-78	S-Series	24	345		153-5656	3T-5857
		24	435		153-5656	3T-5857
		31T	455	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
		31T	625	1	175-4370	8C-3628
		4D	700		9X-9721	
		8D	880		153-5720	628-8824
1981-77	COF-5370- 6X4	31T	455	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1981	2275, F, 2575, F	31T	455	15	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1980-79	2200	31T	600	15	175-4370	8C-3628
1980-78	1600, 1700, 1800	24	435		153-5656	3T-5857
		31T	455	1	175-4370	8C-3628
		31T	600	15	175-4370	8C-3628
1980-78	1700, 2200, 2600	24	345		153-5656	3T-5857
		31T	625	1	175-4370	8C-3628
1980-78	2100, 2200, 2600	24	435		153-5656	3T-5857
1980-78	2200, 2600	31T	455	1	175-4370	8C-3628
1980-78	2600	31T	600	15	175-4370	8C-3628
1980-77	4270	31T	455	181	175-4370	8C-3628
		31T	600	181	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1980-77	4270, 4370, F	31T	315	173	175-4370	8C-3628
1980-77	F-4270	31T	315	173	175-4370	8C-3628
1980	2100	31T	455	1	175-4370	8C-3628
		31T	600	15	175-4370	8C-3628
1980	5050, 5070 - 4WD	31T	225	173	175-4370	8C-3628
		31T	455	181	175-4370	8C-3628
		31T	600	173	175-4370	8C-3628
		31T	625	15	175-4370	8C-3628
1980	F-5050- 6X4	31T	225	173	175-4370	8C-3628
1980	F-5050- 6X6	31T	225	173	175-4370	8C-3628
1980	F-5050- 6X4	31T	455	181	175-4370	8C-3628
1980	F-5050- 6X6	31T	455	181	175-4370	8C-3628
1980	F-5050- 6X4	31T	600	173	175-4370	8C-3628
1980	F-5050- 6X6	31T	600	173	175-4370	8C-3628
1980	F-5050- 6X4	31T	625	15	175-4370	8C-3628
1980	F-5050- 6X6	31T	625	15	175-4370	8C-3628
1980	F-5050SF- 6X4	31T	225	173	175-4370	8C-3628
		31T	455	15	175-4370	8C-3628
		31T	600	1	175-4370	8C-3628
		31T	625	15	175-4370	8C-3628
1978	2100	31T	455	1	175-4370	8C-3628
		31T	600	15	175-4370	8C-3628
		31T	625	1	175-4370	8C-3628
1978	2200	31T	600		175-4370	8C-3628
1977	1610-FC, 1853	24	440		153-5656	3T-5857
1976	100, 150	27	560		153-5656	8C-3601
1976	1010, 1110, 1210, 1310	27	560		153-5656	8C-3601
1976	200	27	560		153-5656	8C-3601
1976	4270, 4370, F	4	1000	173	8C-3633	—
		4	730	173	8C-3633	—
		4	830	173	8C-3633	—
1976	CO-4070B, F	4	730	173	8C-3633	—

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136 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(137)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (138)	Replacement	
				Option 1	Option 2
	4	830	173	8C-3633	—
1976 CO-4070B, F, F-4270	4	1000	173	8C-3633	—
1976 Conoco4170	4	730	173	8C-3633	—
	4	830	173	8C-3633	—
1976 Conof-4170, F-4270	4	730	173	8C-3633	—
	4	830	173	8C-3633	—
1976 F-5010- 6X4	31T	455	181	175-4370	8C-3628
1976 F-5070- 6X4	4	700	15	8C-3633	—
<b>S Series</b>					
2006 S1900	31T	760		354-3613	100-4081
<b>NEW FLYER</b>					
<b>Medium/Heavy Truck</b>					
2011 W62	78	690		369-9957	7X-6100
<b>Transit Bus Chassis</b>					
	8D	1400	15	153-5720	628-8824
	8D	1400	15	153-5720	628-8824
	8D	1400	15	153-5720	628-8824
	8D	1400	15	153-5720	628-8824
	8D	1400	15	153-5720	628-8824
<b>ORION BUS</b>					
<b>Transit Bus</b>					
2010-02 Orion VII High Floor	8D	1150		153-5720	628-8824
2010-00 Orion V High Floor	8D	1150		153-5720	628-8824
<b>OSHKOSH MOTOR TRUCK CO.</b>					
<b>Medium Duty</b>					
2011-83 S	4D	700	24, 148	9X-9721	
2011-83 S- Opt	8D	1000	24, 148	153-5720	628-8824
2011-82 H	4D	700	24, 148	9X-9721	
2011-82 H-Opt	8D	1000	24, 148	153-5720	628-8824
2011-81 P	4D	700	24, 148	9X-9721	
2011-81 P-Opt	8D	1000	24, 148	153-5720	628-8824
2011-10 MPT	4D	700	24, 148	9X-9721	
2011-10 MPT-Opt	8D	1000	24, 148	153-5720	628-8824
2010 T	4D	700	24, 148	9X-9721	
2010 T-Opt	8D	1000	24, 148	153-5720	628-8824
2008-01 MPT	4D	700	24, 148	9X-9721	
2008-01 MPT-Opt	8D	1000	24, 148	153-5720	628-8824

MAKE <sup>(137)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (138)	Replacement	
				Option 1	Option 2
2007-81 Highland	4D	700	24, 148	9X-9721	
2007-81 Highland- Opt	8D	1000	24, 148	153-5720	628-8824
2005 J Series	4D	700	24, 148	9X-9721	
2005 J Series- Opt	8D	1000	24, 148	153-5720	628-8824
2003-99 FCM	4D	700	24, 148	9X-9721	
2003-99 FCM- Opt	8D	1000	24, 148	153-5720	628-8824
2002-99 T	4D	700	24, 148	9X-9721	
2002-99 T- Opt	8D	1000	24, 148	153-5720	628-8824
2000-96 FF	4D	700	24, 148	9X-9721	
2000-96 FF- Opt	8D	1000	24, 148	153-5720	628-8824
1997-95 NL	4D	700	24, 148	9X-9721	
1997-95 NL- Opt	8D	1000	24, 148	153-5720	628-8824
1993 T	4D	700	24, 148	9X-9721	
1993 T- Opt	8D	1000	24, 148	153-5720	628-8824
<b>OSHKOSH PIERCE</b>					
2008-06 XC Rear Load	4D	700		9X-9721	
2008-06 XC Rear Load- Opt	8D	1000		153-5720	628-8824
<b>Class 8 Cement Mixer</b>					
2014-87 S Series	4D	700		9X-9721	
2014-10 Highland	4D	700		9X-9721	
2014 Highland- Opt	8D	1000		153-5720	628-8824
2014 S Series- Opt	8D	1000		153-5720	628-8824
2013-87 S Series- Opt	8D	1000		153-5720	628-8824
2013-10 Highland- Opt	8D	1000		153-5720	628-8824
<b>Class 8 Fire/Crash</b>					
2014-11 Striker	4D	700		9X-9721	
2014 Striker- Opt	8D	1000		153-5720	628-8824
2013-11 Striker- Opt	8D	1000		153-5720	628-8824
<b>Class 8 Municipal Snowblower</b>					
2014-99 MPT Series	4D	700		9X-9721	
2014-99 MPT Series- Opt	8D	1000		153-5720	628-8824
2014-94 P Series	4D	700		9X-9721	
2014-85 H Series	4D	700		9X-9721	
2014 H Series- Opt	8D	1000		153-5720	628-8824
2014 MPT Series- Opt	8D	1000		153-5720	628-8824
2014 P Series- Opt	8D	1000		153-5720	628-8824

137 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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138 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(139)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (140)	Replacement Option 1    Option 2	
2013-94	P Series- Opt	8D	1000		153-5720	628-8824
2013-85	H Series- Opt	8D	1000		153-5720	628-8824
<b>Specialty</b>						
2008-06	All	4D	700		9X-9721	
2008-06	All- Opt	8D	1000		153-5720	628-8824
2006	Arrow XT, Dash	4D	700		9X-9721	
		8D	1000		153-5720	628-8824
2006	Encore, Enforcer	4D	700		9X-9721	
		8D	1000		153-5720	628-8824
2006	Lance, Quantum	4D	700		9X-9721	
		8D	1000		153-5720	628-8824
2006	Saber	4D	700		9X-9721	
		8D	1000		153-5720	628-8824
<b>OTTAWA STEEL PRODUCTS</b>						
<b>DAYBROOK-OTTAWA Corp., YOUNG OTTAWA, INC..</b>						
2008-06	Walk-in	4D	700	173	9X-9721	
2008-06	Walk-in- Opt	8D	1000	173	153-5720	628-8824
<b>Truck Tractors</b>						
1971-69	Space Mixer w/Ford 361 Eng	30H	475		8C-3627	430-5996
1971-69	Space Mixer w/Ford 361 Eng- Opt	4	790		8C-3633	—
1971-66	Commander 30 w/ Cummins V8-185	3	675	24, 179	8C-3629	—
2014-10	Commander 30 w/ Ford 361 Eng	30H	475	15	8C-3627	430-5996
1971	Model 240	24	325	15	153-5656	3T-5857
1970	Model 240	24	325	147	153-5656	3T-5857
1969	Model 240	24	325	15	153-5656	3T-5857
1968-65	Space Mixer w/Ford 361 Eng	30H	475	147	8C-3627	430-5996
1968-65	Space Mixer w/Ford 361 Eng- Opt	4	790	15	8C-3633	—
1968	Model 240	24	325	147	153-5656	3T-5857
1967-65	Commando	4	785		8C-3633	—
1967-64	Commando- Opt	30H	445		8C-3627	430-5996
1967	Model 240	24	325	15	153-5656	3T-5857
1966	Model 240	24	325	147	153-5656	3T-5857
1965	Model 240	24	325		153-5656	3T-5857
1964	Commando	4	785	15	8C-3633	—
1964	Yard Hustler- Opt	30H	445		8C-3627	430-5996
		4	785	15	8C-3633	—
1963	Commando	24	325		153-5656	3T-5857
1963	Yard Hustler	24	325		153-5656	3T-5857
1962	Commando	24	325	15	153-5656	3T-5857
1962	Yard Hustler	24	325	15	153-5656	3T-5857
1961	Commando	24	325		153-5656	3T-5857

MAKE <sup>(139)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (140)	Replacement Option 1    Option 2	
1961	Yard Hustler	24	325		153-5656	3T-5857
1960-56	Marauder, TL-50	1	550		8C-3617	—
1960-56	TL-70	1	550	15	8C-3617	—
1960	Commando	24	325	15	153-5656	3T-5857
1960	TL-60	1	550	15	8C-3617	—
1960	Yard Hustler	24	325	15	153-5656	3T-5857
1959-56	TL-60	1	550		8C-3617	—
1959	Commando	24	325		153-5656	3T-5857
1959	Yard Hustler	24	325		153-5656	3T-5857
<b>OTTAWA TRUCK DIVISION</b>						
<b>GULF &amp; WESTERN MFG. CO.</b>						
<b>Commercial Chassis</b>						
2000-95	Waste Collection	31T	750	1, 177	3T-5760	8C-3628
1994-90	Waste Collection	31T	750	1, 177	3T-5760	8C-3628
1990-88	Fire Engine	8D	1100	1, 177	153-5720	628-8824
1989-86	Waste Collection	31T	625	1, 177	3T-5760	8C-3628
1987-86	Fire Engine	8D	900	1, 177	153-5720	628-8824
<b>Commercial Chassis</b>						
2000-95	RO-RO, YT60	31T	750	177	3T-5760	8C-3628
2000-90	30, 30A, 50, Railer	31T	750	1, 177	3T-5760	8C-3628
2000-90	Ramper, YT30, YT50	31T	750	1, 177	3T-5760	8C-3628
2000	60T	31T	750	179	3T-5760	8C-3628
1999	60T	31T	750		3T-5760	8C-3628
1998	60T	31T	750	179	3T-5760	8C-3628
1997	60T	31T	750		3T-5760	8C-3628
1996-95	60T	31T	750	179	3T-5760	8C-3628
1994-90	60T, RO-RO, YT60	31T	750	1, 177	3T-5760	8C-3628
1994-90	YT-60T	31T	750	177	3T-5760	8C-3628
1989-84	30, 30A, 50, 60T	31T	625	1, 177	3T-5760	8C-3628
1989-84	RO-RO, Railer	31T	625	1, 177	3T-5760	8C-3628
1989-84	Ramper, YT30, YT50	31T	625	1, 177	3T-5760	8C-3628
1989-84	YT60	31T	625	1, 177	3T-5760	8C-3628
1985-78	70T	31T	625		175-4370	8C-3628
1985	Dock Truck	31T	625	1, 177	175-4370	8C-3628
1984-80	Dock Truck	31T	625	15	175-4370	8C-3628
1983-78	30, 30A, 50, 60T	31T	625	1, 177	175-4370	8C-3628
1983-78	RO-RO, Railer	31T	625	1, 177	175-4370	8C-3628
1983-78	Ramper, YT30, YT50	31T	625	1, 177	175-4370	8C-3628
1983-78	YT60	31T	625	1, 177	175-4370	8C-3628
1980-77	20	27	435	1, 177	153-5656	8C-3601
1980-77	70T	27	435		153-5656	8C-3601
1979-78	Dock Truck	31T	625		175-4370	8C-3628
1967	Yard Hustler- Opt	30H	445	1, 177	8C-3627	430-5996
		4	785	1, 177	8C-3633	—
1966-65	Yard Hustler- Opt	30H	445	179	8C-3627	430-5996

139 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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140 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(141)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (142)	Replacement Option 1   Option 2	
		4	785	179	8C-3633	—
<b>PETERBILT</b>						
<b>Class 8 Refuse</b>						
2009-08	320, 367, 386	31T	650	173	175-4370	8C-3628
2006-01	378	31T	650	173	175-4370	8C-3628
<b>Class 8 Truck</b>						
2014-12	579	31T	650	173	175-4370	8C-3628
2014-10	382	31T	650	173	175-4370	8C-3628
2014-10	587	31T	650	173, 215	175-4370	8C-3628
2014-07	365, 384	31T	650	173	175-4370	8C-3628
2014-05	386	31T	650	173	175-4370	8C-3628
2014	320, 320 Hybrid, 325	31T	650	173	175-4370	8C-3628
2014	337, 337 Hybrid, 348	31T	650	173	175-4370	8C-3628
2014	348 Hybrid, 367, 389	31T	650	173	175-4370	8C-3628
2014	567	31T	650	173	175-4370	8C-3628
2013-11	320	31T	650	173, 215	175-4370	8C-3628
2013-10	367	31T	650	173, 215	175-4370	8C-3628
2013-09	389	31T	650	173, 215	175-4370	8C-3628
2013-07	320 Hybrid	31T	650	173	175-4370	8C-3628
2012-98	337	31T	650	173	175-4370	8C-3628
2011-09	320 Hybrid	31T	650	173, 215	153-5720	628-8824
2011-07	367	31T	650	173	175-4370	8C-3628
2011	320 Hybrid, 389	31T	650	173	175-4370	8C-3628
2010-98	325, 348	31T	650	173	175-4370	8C-3628
2010-08	362	31T	650	173	175-4370	8C-3628
2010-03	320, 387	31T	650	173	175-4370	8C-3628
2009-07	389	31T	650	173	175-4370	8C-3628
2009	320 Hybrid	31T	650	173	175-4370	8C-3628
2009	320, 340	31T	650	173, 215	9X-9721	
2008	340	31T	650	173	153-5720	628-8824
2007-06	340	31T	650	173, 215	9X-9721	
2006-03	357, 362, 378, 379	31T	650	173	175-4370	8C-3628
2006-03	385	31T	650	173	175-4370	8C-3628
2006	340	31T	650	173	175-4370	8C-3628
2006	357, 378	31T	650	173, 215	9X-9721	
2003-98	On Highway Conventional	31T	650	173	153-5720	628-8824
2002-97	On Highway Conventional	31T	650		9X-9721	

MAKE <sup>(141)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (142)	Replacement Option 1   Option 2	
2000-95	YT-60T	31T	750	173, 215	3T-5760	8C-3628
1997-95	On Highway Conventional	31T	625	173, 215	175-4370	8C-3628
1997-95	On Highway Conventional - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
1997	On Highway Conventional	31T	625		175-4370	8C-3628
		31T	625	173	175-4370	8C-3628
1997	On Highway Conventional - Opt	31T	925		354-3613	100-4081
		31T	925	173	354-3613	100-4081
1996-94	377	31T	625	173, 215	175-4370	8C-3628
1996-94	377 - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
1996-92	200-33 - Opt	4	940	173	8C-3633	—
1996-83	320 - Opt	4	940	173	8C-3633	—
1996-82	377 A/E, 379	31T	625	173, 215	175-4370	8C-3628
1996-82	377 A/E, 379 - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
1996-81	357, 362 - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
1996-81	357, 362, 378	31T	625	173, 215	175-4370	8C-3628
1996-81	378 - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
1996	200-33, 320 - Opt	31T	925	173	354-3613	100-4081
1996	200-33, 320, 357	31T	625	173	175-4370	8C-3628
1996	357, 362 - Opt	31T	925	173	354-3613	100-4081
1996	362, 378, 379	31T	625	173	175-4370	8C-3628
1996	378, 379 - Opt	31T	925	173	354-3613	100-4081
1995-92	200-33	31T	625	173, 215	175-4370	8C-3628
1995-92	200-33 - Opt	31T	925	173, 215	354-3613	100-4081
1995-83	320	31T	625	173, 215	175-4370	8C-3628
1995-83	320 - Opt	31T	925	173, 215	354-3613	100-4081
1983-81	300	31T	625	173, 215	175-4370	8C-3628
1983-81	300 - Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—

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142 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(143)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (144)	Replacement Option 1    Option 2	
1982-81	240, 247	31T	625	173, 215	175-4370	8C-3628
1982-81	H Series- Opt	31T	925	173, 215	354-3613	100-4081
1982-81	H Series- Opt	4	940	173	8C-3633	—
<b>Early Models</b>						
1968-67		8D	950	179	153-5720	628-8824
		4	750	179	8C-3633	—
		6D	800	179	153-5700	
1967-49		4	750	15	8C-3633	—
		6D	800	15	153-5700	
1966-49		6D	800	147	153-5700	
		8D	950	147	153-5720	628-8824
<b>Medium Duty</b>						
2015-14	210, 220, 325, 337	31T	650	24, 148	175-4370	8C-3628
2015-14	348	31T	650	24, 148	175-4370	8C-3628
2015-14	384- Natural Gas	31T	650	24, 148	175-4370	8C-3628
2015-14	567	31T	650	24, 148	175-4370	8C-3628
2015-13	579	31T	650	24, 148	175-4370	8C-3628
2015-11	587	31T	650	24, 148	175-4370	8C-3628
2015-10	365- Diesel	31T	650	24, 148	175-4370	8C-3628
2015-08	365, 367, 384, 388	31T	650	24, 148	175-4370	8C-3628
2015-08	389	31T	650	24, 148	175-4370	8C-3628
2015-06	386	31T	650	24, 148	175-4370	8C-3628
2015	320	31T	650	24, 148	175-4370	8C-3628
2015	320, 365- Natural Gas	31T	650	24, 148	175-4370	8C-3628
2015	382- Natural Gas	31T	650	24, 148	175-4370	8C-3628
2015	384- Diesel	31T	650	24, 148	175-4370	8C-3628
2015	579- Natural Gas	31T	650	24, 148	175-4370	8C-3628
2014-13	382- Diesel	31T	650	24, 148	175-4370	8C-3628
2014-08	320- Diesel	31T	650	24, 148	175-4370	8C-3628
2013-87	320	31T	650	24, 148	175-4370	8C-3628
2013-11	384- Diesel	31T	650	24, 148	175-4370	8C-3628
2012-11	382	31T	650	24, 148	175-4370	8C-3628

MAKE <sup>(143)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (144)	Replacement Option 1    Option 2	
2012-10	337, 348	31T	650	24, 148	175-4370	8C-3628
2012-08	325	31T	650	24, 148	175-4370	8C-3628
2011-00	387	31T	650	24, 148	175-4370	8C-3628
2010-07	340	31T	650	24, 148	175-4370	8C-3628
2010	220	31T	650	24, 148	175-4370	8C-3628
2009-85	379	31T	650	24, 148	175-4370	8C-3628
2008-95	385	31T	650	24, 148	175-4370	8C-3628
2008-86	357	31T	650	24, 148	175-4370	8C-3628
2007-88	378	31T	650	24, 148	175-4370	8C-3628
2006-81	362	31T	650	24, 148	175-4370	8C-3628
2001-87	377	31T	650	24, 148	175-4370	8C-3628
1999	376	31T	650	24, 148	175-4370	8C-3628
1999	376- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-95	385- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-88	378- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-87	320, 377- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-86	357- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-85	379- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997-81	362- Opt	31T	925	24, 148	354-3613	100-4081
		4	940	24, 148	8C-3633	—
1997	357	31T	625	24, 148	175-4370	8C-3628
1997	362- Opt	4	940	24, 148	8C-3633	—

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140 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(145)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (146)	Replacement Option 1    Option 2	
1996-94	376	31T	650	24,148	175-4370	8C-3628
1996-94	376- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
1995-89	372	31T	650	173, 215	175-4370	8C-3628
1995-89	372- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
1992-88	376	31T	650	173, 215	175-4370	8C-3628
1992-88	376- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
1989	375	31T	650	173, 215	175-4370	8C-3628
1989	375- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
1984-81	348	31T	650	173, 215	175-4370	8C-3628
1982-81	387	31T	650	173, 215	175-4370	8C-3628
1982-81	387- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
<b>Medium/Heavy Truck</b>						
2014-09	220, 330 Hybrid	31T	650	173	175-4370	8C-3628
2014-08	210	31T	650	173	175-4370	8C-3628
2014-07	330	31T	650	173	175-4370	8C-3628
2013-11	337	31T	650	24,148	175-4370	8C-3628
2013-10	337 Hybrid	31T	650	173	175-4370	8C-3628
2013-10	348 Hybrid	31T	650	173	175-4370	8C-3628
2013-08	210	31T	650	24,148	175-4370	8C-3628
2013-07	330	31T	650	24,148	175-4370	8C-3628
2013	220, 325, 348	31T	650	24,148	175-4370	8C-3628
2013	325, 337, 348, 567	31T	650	173	175-4370	8C-3628
2010-08	335	31T	650	173, 215	175-4370	8C-3628
2010-05	335	31T	650	24,148	175-4370	8C-3628
2008-05	335	31T	650	173	175-4370	8C-3628
2008	220	31T	650	173,215	175-4370	8C-3628

MAKE <sup>(145)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (146)	Replacement Option 1    Option 2	
2007	220	31T	650	173	175-4370	8C-3628
		31T	650	24,148	175-4370	8C-3628
2005-98	330	31T	650	173	175-4370	8C-3628
2005-95	330	31T	650	24,148	175-4370	8C-3628
2005-95	330- Opt	31T	925	24,148	354-3613	100-4081
		4	940	24,148	8C-3633	—
2003-01	270	31T	650	24,148	175-4370	8C-3628
2003	270	31T	650	173	175-4370	8C-3628
2002	270	31T	650	173, 215	175-4370	8C-3628
2001	270	31T	650	173	175-4370	8C-3628
2000-93	200	31T	625	24,148	175-4370	8C-3628
2000-93	200- Opt	31T	925	173, 215	354-3613	100-4081
		4	940	173	8C-3633	—
		4	940	24,148	8C-3633	—
2000	200	31T	625	173	175-4370	8C-3628
2000	200- Opt	4	940	173, 215	8C-3633	—
1999-93	200	31T	625	173, 215	175-4370	8C-3628
1997-95	330- Opt	4	940	173	8C-3633	—
1997	330	31T	625	173	175-4370	8C-3628
1997	330- Opt	31T	925	173	354-3613	100-4081
1996-95	330	31T	625	173, 215	175-4370	8C-3628
1996-95	330- Opt	31T	925	173, 215	354-3613	100-4081
1994-92	224, 227	31T	625	173	175-4370	8C-3628
1994-92	224, 227- Opt	31T	925	173	354-3613	100-4081
1994-92	265- Opt	31T	925	173	354-3613	100-4081
		4	940	173	8C-3633	—
1994-90	227	31T	625	24,148	175-4370	8C-3628
1994-90	227- Opt	4	940	173	8C-3633	—
		4	940	24,148	8C-3633	—
1994-90	265	31T	625	173	175-4370	8C-3628
1994-88	265	31T	625	24,148	175-4370	8C-3628
1994-88	265- Opt	4	940	24,148	8C-3633	—
1994-87	224	31T	625	24,148	175-4370	8C-3628
1994-87	224- Opt	4	940	173	8C-3633	—

145 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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146 See page 413 for further description.

MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (148)	Replacement Option 1    Option 2	
		4	940	24,148	8C-3633	—
1994	200	31T	925	173	354-3613	100-4081
		4	173	24,148	8C-3633	—
1991-90	227	31T	625	173, 215	175-4370	8C-3628
		31T	650	24,148	175-4370	8C-3628
1991-90	227 - Opt	31T	925	173, 215	354-3613	100-4081
1991-88	224	31T	625	173, 215	175-4370	8C-3628
1991-88	224, 265	31T	650	24,148	175-4370	8C-3628
1991-88	224, 265 - Opt	31T	925	173	354-3613	100-4081
1991	265 - Opt	4	940	173, 215	8C-3633	—
1990-88	265 - Opt	4	940	173	8C-3633	—
1990	227 - Opt	31T	925	24,148	354-3613	100-4081
1989-88	265	31T	625	173, 215	175-4370	8C-3628
1988	265 - Opt	31T	925	24,148	354-3613	100-4081
1987	224	31T	625	173	175-4370	8C-3628
1987	224 - Opt	31T	925	173	354-3613	100-4081
		31T	925	24,148	354-3613	100-4081
1978-72	200	31T	625	24,148	175-4370	8C-3628
1978-72	200 - Opt	4	940	24,148	8C-3633	—
1977	200 - Opt	31T	625	24,148	175-4370	8C-3628
<b>PIERCE MFG. INC.</b>						
<b>Class 8 Fire/Crash</b>						
2014-13	Custom, Impel	4D	700		9X-9721	
2014-13	Velocity	4D	700		9X-9721	
2014-04	Arrow XT, Dash	4D	700		9X-9721	
2014-04	Quantum, Saber	4D	700		9X-9721	
2014	Arrow XT - Opt	8D	1000		153-5720	628-8824
2014	Custom, Dash - Opt	8D	1000		153-5720	628-8824
2014	Impel - Opt	8D	1000		153-5720	628-8824
2014	Quantum - Opt	8D	1000		153-5720	628-8824
2014	Saber - Opt	8D	1000		153-5720	628-8824
2014	Velocity - Opt	8D	1000		153-5720	628-8824
2013-11	Arrow XT - Opt	8D	1000		153-5720	628-8824
2013-11	Dash - Opt	8D	1000		153-5720	628-8824
2013-11	Quantum - Opt	8D	1000		153-5720	628-8824
2013-11	Saber - Opt	8D	1000		153-5720	628-8824

MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (148)	Replacement Option 1    Option 2	
2013	Custom - Opt	8D	1000		153-5720	628-8824
2013	Impel - Opt	8D	1000		153-5720	628-8824
2013	Velocity - Opt	8D	1000		153-5720	628-8824
2012-11	Enforcer - Opt	8D	1000		153-5720	628-8824
2012-11	Lance - Opt	8D	1000		153-5720	628-8824
2012-04	Enforcer, Lance	4D	700		9X-9721	
2010-04	Arrow XT - Opt	8D	1000		153-5720	628-8824
2010-04	Dash - Opt	8D	1000		153-5720	628-8824
2010-04	Enforcer - Opt	8D	1000		153-5720	628-8824
2010-04	Lance - Opt	8D	1000		153-5720	628-8824
2010-04	Quantum - Opt	8D	1000		153-5720	628-8824
2010-04	Saber - Opt	8D	1000		153-5720	628-8824
2004-85	Chassis	4D	700		9X-9721	
2004-85	Chassis - Opt	8D	1000		153-5720	628-8824
1990-85	Lance, Truck	4D	700		9X-9721	
1990-85	Lance, Truck - Opt	8D	1000		153-5720	628-8824
<b>Medium Duty</b>						
2014-13	Arrow XT - Opt	8D	1000	24,148	153-5720	628-8824
2014-13	Arrow XT, Dash CF	4D	700	24,148	9X-9721	
2014-13	Dash CF - Opt	8D	1000	24,148	153-5720	628-8824
2014-13	Impel - Opt	8D	1000	24,148	153-5720	628-8824
2014-13	Impel, Quantum	4D	700	24,148	9X-9721	
2014-13	Quantum - Opt	8D	1000	24,148	153-5720	628-8824
2014-13	Saber - Opt	8D	1000	24,148	153-5720	628-8824
2014-13	Saber, Velocity	4D	700	24,148	9X-9721	
2014-13	Velocity - Opt	8D	1000	24,148	153-5720	628-8824
2012-04	Custom	4D	700	24,148	9X-9721	
2012-04	Custom - Opt	8D	1000	24,148	153-5720	628-8824
2011-08	Impel - Opt	8D	1000	24,148	153-5720	628-8824
2011-08	Impel, Velocity	4D	700	24,148	9X-9721	
2011-08	Velocity - Opt	8D	1000	24,148	153-5720	628-8824
2011-05	Quantum	4D	700	24,148	9X-9721	
2011-05	Quantum - Opt	8D	1000	24,148	153-5720	628-8824
2011-04	Arrow XT - Opt	8D	1000	24,148	153-5720	628-8824

147 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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148 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(149)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (150)	Replacement Option 1    Option 2	
2011-04	Arrow XT, Enforcer	4D	700	24,148	9X-9721	
2011-04	Enforcer - Opt	8D	1000	24,148	153-5720	628-8824
2011-04	Saber	4D	700	24,148	9X-9721	
2011-04	Saber - Opt	8D	1000	24,148	153-5720	628-8824
2009-04	Dash	4D	700	24,148	9X-9721	
2009-04	Dash - Opt	8D	1000	24,148	153-5720	628-8824
2008-04	Lance	4D	700	24,148	9X-9721	
2008-04	Lance - Opt	8D	1000	24,148	153-5720	628-8824
2004-88	Enclosed Cab	4D	700	24,148	9X-9721	
2004-88	Enclosed Cab - Opt	8D	1000	24,148	153-5720	628-8824
1995-88	Open Cab	4D	700	24,148	9X-9721	
1995-88	Open Cab - Opt	8D	1000	24,148	153-5720	628-8824
1991	Non Crew Cab	4D	700	24,148	9X-9721	
1991	Non Crew Cab - Opt	8D	1000	24,148	153-5720	628-8824
<b>Specialty</b>						
2008-06	Encore	4D	700		9X-9721	
2008-06	Encore - Opt	8D	1000		153-5720	628-8824
<b>RAM</b>						
<b>Medium/Heavy Truck</b>						
2015-14	4500, 5500	94R	730		430-6005	430-6004
2015-11	4500, 5500 - Diesel	94R	730	15	430-6005	430-6004
<b>REO</b>						
<b>See also DIAMOND REO</b>						
<b>Buses</b>						
1962-61	A-475	27	500		153-5656	8C-3601
1962-60	C-270 Thru 578	27	500		153-5656	8C-3601
1962-60	D-478, D-678	27	500		153-5656	8C-3601
1962-58	A-375	27	500		153-5656	8C-3601
1962-58	A-375 - Opt	30H	600		8C-3627	430-5996
1962	A-475 - Opt	30H	600	15	8C-3627	430-5996
1961	A-475 - Opt	30H	600		8C-3627	430-5996
1960	A-475	27	500	15	153-5656	8C-3601
1960	A-475 - Opt	30H	600	15	8C-3627	430-5996
1959-58	A-475	27	500		153-5656	8C-3601
1959-58	A-475 - Opt	30H	600		8C-3627	430-5996
1959-57	F-120, F-122	27	500		153-5656	8C-3601

MAKE <sup>(151)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (152)	Replacement Option 1    Option 2	
1959-57	F-120, F-122 - Opt	30H	600		8C-3627	430-5996
1956-48	C-122, F-120, F-122	7D	900		8C-3633	—
1951-48	C-119 w/152in. Wheelbase	3	675		8C-3633	—
1951-48	C-119 w/187in. Wheelbase	4	730		8C-3633	—
1951-47	29CA, 32CA, 33CA	4B	800		153-5710	
1951-47	36CA, 37CA, 40CA	4B	800		153-5710	
1951-47	C-121	5D	800		8C-3633	—
<b>Trucks</b>						
<b>A Series</b>						
1962-61	A-630, A-730	27	500		153-5656	8C-3601
1962-61	AC-403	30H	475		8C-3627	430-5996
1962-60	A-603, AC-503	30H	475	15	8C-3627	430-5996
1962-57	AC-603, AC-633	30H	475		8C-3627	430-5996
1962-57	AC-703, AC-733	30H	475		8C-3627	430-5996
1962	A-633, A-703, A-733	30H	475		8C-3627	430-5996
1961-60	A-633, A-703, A-733	30H	475	15	8C-3627	430-5996
1960-57	A-630, A-730	27	500	15	153-5656	8C-3601
1960-57	AC-403	30H	475	15	8C-3627	430-5996
1959-58	AC-600, AC-630	27	500		153-5656	8C-3601
1959-58	AC-700, AC-730	27	500		153-5656	8C-3601
1959-57	A-603, A-633, A-703	30H	475		153-5656	8C-3601
1959-57	A-620, A-720	27	500		8C-3627	430-5996
1959-57	A-733, AC-503	30H	475		153-5656	8C-3601
1959-57	AC-603D, AC-607	27	500		8C-3627	430-5996
1959-57	AC-620, AC-633D	27	500	15	153-5656	8C-3601
1959-57	AC-703D, AC-800	27	500		153-5656	8C-3601
1959-57	AC-720	27	500	15	153-5656	8C-3601
1959-57	AC-830	27	500		153-5656	8C-3601
1959	A-603D, A-607	27	500		153-5656	8C-3601
1959	A-633D, A-703D	27	500		153-5656	8C-3601
1959	A-800	27	500		153-5656	8C-3601
1958-57	A-603D, A-607	27	500		153-5656	8C-3601
1958-57	A-633D, A-703D	27	500		153-5656	8C-3601
1958-57	A-800	27	500		153-5656	8C-3601
1957	A-600, A-700, A-830	27	500	15	153-5656	8C-3601
1957	AC-600, AC-630	27	500	15	153-5656	8C-3601
1957	AC-700, AC-730	27	500	15	153-5656	8C-3601
1956-55	A-600, A-700, A-803	3	675	15	8C-3629	—
1956-55	A-630, A-730	3	675		8C-3629	—
1956-53	A-603, A-633, A-703	4	730		8C-3633	—
1956-53	A-733, AC-403	4	730		8C-3633	—
1956-53	AC-503, AC-603	4	730		8C-3633	—
1956-53	AC-633, AC-703	4	730		8C-3633	—

149 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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150 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(151)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (152)	Replacement Option 1    Option 2	
1956-53	AC-733	4	730		8C-3633	—
1956	A-607, A-620, A-720	3	675		8C-3629	—
1955	A-607, A-620, A-720	3	675	15	8C-3629	—
<b>B Series</b>						
1961-60	BCL-633D, BCL-703D	5D	800	179	8C-3633	—
1961-60	BCL-733D	5D	800	179	8C-3633	—
1959	BCL-633D, BCL-703D	8D	950	179	153-5720	628-8824
1959	BCL-733D	8D	950	179	153-5720	628-8824
<b>C Series</b>						
1965-58	All C Series Exc C-403D C-530D 7 Opt	27	500	179	153-5656	628-8824
1965-58	C-403D	8D	950		153-5720	628-8824
1965-58	C-530D	8D	950	147	153-5720	628-8824
1965-58	Opt Except C-403D & C-530D	30H	600		8C-3629	8C-3617
<b>D Series</b>						
1967-66	D-600, D-630, D-656	30H	600		8C-3627	430-5996
1967-66	D-700, D-730, D-752	30H	600		8C-3627	430-5996
1967-66	DF-300D- Perkins 6-354 Eng	3	675	179	8C-3629	—
1967-66	DF-300D- Cummins Diesel	4	730	179	8C-3629	—
1967-66	DF-400D- Perkins 6-354 Eng	3	675	179	8C-3629	—
1967-66	DF-400D- Cummins Diesel	4	730	179	8C-3629	—
1967-66	DF-600, DF-700	30H	600		8C-3627	430-5996
1967-66	DL-600D, DL-700D	8D	950		153-5720	628-8824
1967-63	DF-430D, DF-530D	4	730		8C-3633	—
1967-63	DF-500D	4	179	179	8C-3633	—
1967-60	D-303	27	147	147	153-5656	8C-3601
1967-60	D-303- Opt on some models	30H	600	147	8C-3627	430-5996
1967-60	D-400- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-400, D-403, D-500	27	500		153-5656	8C-3601
1967-60	D-403- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-503- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-503- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-503, D-603, D-630	27	500		153-5656	8C-3601
1967-60	D-603- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-630- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-633- Opt on some models	30H	600	179	8C-3627	430-5996
1967-60	D-633, D-703, D-733	27	500	179	153-5656	8C-3601

MAKE <sup>(151)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (152)	Replacement Option 1    Option 2	
1967-60	D-703- Opt on some models	30H	600	179	8C-3627	430-5996
1967-60	D-730- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-730, DC-303	27	500		153-5656	8C-3601
1967-60	D-733- Opt on some models	30H	600	179	8C-3627	430-5996
1967-60	D-303- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-400- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-400, DC-403	27	500		153-5656	8C-3601
1967-60	D-403- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-500- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-500, DC-503	27	500		153-5656	8C-3601
1967-60	D-503- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-603- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-603, DC-630	27	500		153-5656	8C-3601
1967-60	D-630- Opt on some models	30H	600		8C-3627	430-5996
1967-60	D-633- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-633, DC-703	27	500		153-5656	8C-3601
1967-60	D-703- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-730	27	500		153-5656	8C-3601
1967-60	D-730- Opt on some models	30H	600		8C-3627	430-5996
1967-60	DC-733	27	500	179	153-5656	8C-3601
1967-60	D-733- Opt on some models	30H	600		8C-3627	430-5996
1965-63	DCL-633D- Opt	8D	950	179	153-5720	628-8824
1965-63	DCL-703D- Opt	8D	950	179	153-5720	628-8824
1965-63	DCL-733D- Opt	8D	950	179	153-5720	628-8824
1965-63	DF-300D, DF-400D	4	730	179	8C-3633	—
1965-63	DF-330D	4	730		8C-3633	—
1965-62	DCL-633D, DCL-703D	5D	800	179	8C-3633	—
1965-62	DCL-733D	5D	800	179	8C-3633	—
1965-61	DF-300- Opt	30H	600	179	8C-3627	430-5996
1965-61	DF-300, DF-330	27	500	179	153-5656	8C-3601
1965-61	DF-400- Opt	30H	600	179	8C-3627	430-5996
1965-61	DF-400, DF-430	27	500	179	153-5656	8C-3601
1965-61	DF-500- Opt	30H	600	179	8C-3627	430-5996
1965-61	DF-500, DF-530	27	500	179	153-5656	8C-3601
1965-61	DF-600- Opt	30H	600		8C-3627	430-5996
1965-61	DF-600, DF-630	27	500		153-5656	8C-3601

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152 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(153)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	Replacement		
				Option 1	Option 2	
1965-61	DF-700 - Opt	30H	600		8C-3627	430-5996
1965-61	DF-700, DF-730	27	500		153-5656	8C-3601
1965-61	DO-330, DO-430	27	500		153-5656	8C-3601
1965-61	DO-530	27	500		153-5656	8C-3601
1965-61	DO-630, DO-730	27	500	147	153-5656	8C-3601
1962-61	D-633D, D-703D	4D	850		9X-9721	
1962-61	D-733D	4D	850		9X-9721	
1951-49	D-23, D-30, D-31	4	730		8C-3633	—
1956-52	F-536H	4	730	147	8C-3629	—
1954-53	F-263D - Buda	8D	950	147	8C-3629	—
<b>E Series</b>						
1967-66	E-200D - Perkins 6-354 Eng	3	675	147	8C-3629	—
1967-66	E-200D - Cummins Diesel	4	730	147	8C-3633	—
1967-66	E-300D - Perkins 6-354 Eng	3	675	179	8C-3629	—
1967-66	E-300D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-400D - Perkins 6-354 Eng	3	675	147	8C-3629	—
1967-66	E-400D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-430D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-430D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-440D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-440D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-456D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-456D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-500D, E-510D	4	730	179	8C-3629	—
1967-66	E-530D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-530D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-540D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-540D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-556D - Cummins Diesel	4	730	179	8C-3629	—
1967-66	E-556D - Detroit Diesel Eng	8D	950	179	153-5720	628-8824
1967-66	E-630D - Cummins Diesel	4	730	179	8C-3629	—

MAKE <sup>(153)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	Replacement		
				Option 1	Option 2	
1967-66	E-630D - Detroit Diesel Eng	7D	900	179	8C-3633	—
1967-66	E-700D - Cummins Diesel	4	730	179	8C-3633	—
1967-66	E-700D - Detroit Diesel Eng	7D	900	179	8C-3633	—
1967-66	E-730D - Cummins Diesel	4	730	179	8C-3633	—
1967-66	E-730D - Detroit Diesel Eng	7D	900	179	8C-3633	—
1967-66	E-752D - Cummins Diesel	4	730	179	8C-3633	—
1967-66	E-752D - Detroit Diesel Eng	7D	900	179	8C-3633	—
1967-63	E-200D Thru E-556 Exc E-530	27	500	147	153-5656	8C-3601
1965-63	E-630D, E-700D	5D	800	179	8C-3633	—
1965-63	E-730D, E-830D-OH	5D	800	179	8C-3633	—
1965-50	E-121	4	730	147	8C-3633	—
1965-50	E-200D Thru E-540D	4	730	147	8C-3633	—
1965-50	E-22S	4	730	147	8C-3633	—
1965-50	E-23	4	730	179	8C-3633	—
1962-60	E-630D - Opt	8D	950	179	153-5720	628-8824
1962-60	E-630D, E-700D	4D	850	179	9X-9721	
1962-60	E-700D - Opt	8D	950	179	153-5720	628-8824
1962-60	E-730D - Opt	8D	950	179	153-5720	628-8824
1962-60	E-730D, E-830D-OH	4D	850	179	9X-9721	
1962-60	E-830D-OH - Opt	8D	950	179	153-5720	628-8824
1952	E-122	5D	800	147	8C-3633	—
1951-50	E-19, E-20, E-21	3	675	147	8C-3629	—
1951-50	E-216, E-22, E-226	3	675	147	8C-3629	—
1951-50	E-236, E-306, E-316	4	730	179	8C-3633	—
<b>F Series</b>						
1959-57	F-20, F-206 - Opt	30H	600		8C-3627	430-5996
1959-57	F-20, F-206, F-21	27	500		153-5656	8C-3601
1959-57	F-21, F-216 - Opt	30H	600		8C-3627	430-5996
1959-57	F-216, F-22, F-226	27	500		153-5656	8C-3601
1959-57	F-22, F-226 - Opt	30H	600		8C-3627	430-5996
1959-57	F-22R, F-50	27	500		153-5656	8C-3601
1959-57	F-22R, F-50 - Opt	30H	600		8C-3627	430-5996
1958-57	F-50D, F-536D	8D	950		153-5720	628-8824
1958-57	F-536DOH	8D	950		153-5720	628-8824
1957	F-506, F-506H	27	500		153-5656	8C-3601
1957	F-506M, F-536	27	500		153-5656	8C-3601
1957	F-536H, F-536M	27	500		153-5656	8C-3601

153 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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154 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(155)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	Replacement	
				Option 1	Option 2
1956-54	F-536M	4	730	8C-3633	—
1956-53	F-506, F-506H	3	675	8C-3629	—
1956-53	F-506M	3	675	8C-3629	—
1956-52	F-120, F-20, F-206	3	675	8C-3629	—
1956-52	F-21, F-216, F-22	3	675	8C-3629	—
1956-52	F-226, F-22R	3	675	8C-3629	—
1956-52	F-22S, F-50, F-536	4	730	8C-3633	—
1956-52	F-23, F-236	4	730	147	8C-3633
1956-52	F-536H	4	730	8C-3633	—
1954-53	F-263D- Buda	8D	950	153-5720	628-8824
1954	F-14, F-14R	2	550	8C-3629	8C-3617
<b>SEGRAVE FIRE APPARATUS</b>					
<b>Class 8 Fire/Crash</b>					
2009-04	Concorde	31T	750	181	3T-5760 8C-3628
<b>Medium Duty</b>					
2006-93	T	31T	750	24, 148	3T-5760 8C-3628
2006	H	31T	750	24, 148	3T-5760 8C-3628
2004-00	J	31T	750	24, 148	3T-5760 8C-3628
2004	S	31T	750	24, 148	3T-5760 8C-3628
2003-01	L	31T	750	24, 148	3T-5760 8C-3628
1999-89	L	31T	750	24, 148	3T-5760 8C-3628
1998-88	J	31T	750	24, 148	3T-5760 8C-3628
1992	H	31T	750	24, 148	3T-5760 8C-3628
1990-85	H	31T	750	24, 148	3T-5760 8C-3628
<b>SPARAN MOTORS</b>					
<b>Class 8 Fire/Crash</b>					
2014-07	Advantage, Big Easy	31T	925	175	354-3613 100-4081
2014-07	Diamond, Gladiator	31T	925	175	354-3613 100-4081
2014-07	Metro Star	31T	925	175	354-3613 100-4081
2014-07	Mountain Star	31T	925	175	354-3613 100-4081
2014-07	Sierra	31T	925	175	354-3613 100-4081
2006-98	Crash Rescue	31T	925	175	354-3613 100-4081
2006-00	Fire	31T	925	175	354-3613 100-4081
<b>Medium Duty</b>					
2015-93	Mountain Master	31T	925	24, 175	354-3613 100-4081
2015-12	K3	31T	925	24, 175	354-3613 100-4081
2014-93	Metro Star	31T	925	24, 175	354-3613 100-4081

MAKE <sup>(155)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	Replacement	
				Option 1	Option 2
2014-11	K2	31T	925	24, 175	354-3613 100-4081
2013-88	Gladiator	31T	925	24, 175	354-3613 100-4081
2013	Metro Star X	31T	925	24, 175	354-3613 100-4081
2012	Force	31T	925	24, 175	354-3613 100-4081
2000	Furion	31T	925	24, 175	354-3613 100-4081
2007-06	VT880	31T	925	24, 175	354-3613 100-4081
2008-05	Diamond	31T	925	24, 175	354-3613 100-4081
2008-04	K2, K3	31T	925	24, 175	354-3613 100-4081
2007-05	Mountain Star	31T	925	24, 175	354-3613 100-4081
2003-97	Advantage	31T	925	24, 175	354-3613 100-4081
2003-95	Alpine	31T	925	24, 175	354-3613 100-4081
2002-97	K2	31T	925	24, 175	354-3613 100-4081
2000-97	Highlander	31T	925	24, 175	354-3613 100-4081
2000	Baron, Diamond	31T	925	24, 175	354-3613 100-4081
1999-98	Rangemaster	31T	925	24, 175	354-3613 100-4081
1998-90	Baron	31T	925	24, 175	354-3613 100-4081
1997-90	Charger	31T	925	24, 175	354-3613 100-4081
1997-89	Diamond	31T	925	24, 175	354-3613 100-4081
1997	Forward Control	31T	925	24, 175	354-3613 100-4081
<b>Motor Home Chassis</b>					
2014-98	K2, Mountain Master	31T	925	15	354-3613 100-4081
<b>STERLING TRUCK</b>					
<b>Class 8 Dump</b>					
2010-03	L-Line	31T	750	173	3T-5760 8C-3628
2008-07	Acterra 8500	31T	750	173	3T-5760 8C-3628
2007-03	Acterra	31T	750	173	3T-5760 8C-3628
<b>Class 8 Fire/Crash</b>					
2008-07	Acterra 8500	31T	750	173	3T-5760 8C-3628
2006-03	Fire Truck	31T	750	173	3T-5760 8C-3628
2004-03	Acterra	31T	750	173	3T-5760 8C-3628
<b>Class 8 Truck</b>					
2010-03	A-Line	31T	750	173	3T-5760 8C-3628

155 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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156 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(157)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes  (158)	Replacement Option 1    Option 2	
2008-00	Acterra 8500, Condor	31T	750	173	3T-5760	8C-3628
2006-03	Acterra	31T	750	173	3T-5760	8C-3628
2004-03	Cargo	31T	750	173	3T-5760	8C-3628
2003-98	Sterling On-Highway	31T	750	173	3T-5760	8C-3628
<b>Medium Duty</b>						
2010-99	A9500, L7500, L8500	31T	750	24,148	3T-5760	8C-3628
2010-99	L9500	31T	750	24,148	3T-5760	8C-3628
2009	1800CS	31T	750	24,148	3T-5760	8C-3628
2009	Car Hauler	31T	750	24,148	3T-5760	8C-3628
2010-05	L8500- Diesel	31T	750	24,148	3T-5760	8C-3628
2008-99	AT9500, LT7500	31T	750	24,148	3T-5760	8C-3628
2008-99	LT8500, LT9500	31T	750	24,148	3T-5760	8C-3628
2007-01	Condor	31T	750	24,148	3T-5760	8C-3628
2003-99	ST9500	31T	750	24,148	3T-5760	8C-3628
2003-01	Acterra 6500	31T	750	24,148	3T-5760	8C-3628
2002-99	LT9513	31T	750	24,148	3T-5760	8C-3628
2001-99	A9513, AT9513, L7501	31T	750	24,148	3T-5760	8C-3628
2001-99	L8513, L9511, LT7501	31T	750	24,148	3T-5760	8C-3628
2001-99	LT8511, LT9501	31T	750	24,148	3T-5760	8C-3628
2001-99	LT9511, LT9522	31T	750	24,148	3T-5760	8C-3628
2000-99	AT9522, L8511, L9501	31T	750	24,148	3T-5760	8C-3628
2000-99	L9513, LT8513	31T	750	24,148	3T-5760	8C-3628
1999	A9522, L8501, L9522	31T	750	24,148	3T-5760	8C-3628
1999	LT8501	31T	750	24,148	3T-5760	8C-3628
<b>Medium/Heavy Truck</b>						
2010-99	L7500	31T	750	173	3T-5760	8C-3628
2010-08	Bullet 45, Bullet 55	31T	750	173	3T-5760	8C-3628
		31T	750	24,148	3T-5760	8C-3628
2010-07	360	31T	750	173	3T-5760	8C-3628
		31T	750	24,148	3T-5760	8C-3628
2007-99	L-Line	31T	750	173	3T-5760	8C-3628
2007-04	Acterra 6500	31T	750	24,148	3T-5760	8C-3628
2007-01	Acterra	31T	750	173	3T-5760	8C-3628

MAKE <sup>(159)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes  (160)	Replacement Option 1    Option 2	
2014-13	VNX	31T	950	173	354-3613	100-4081
2014-04	VNL, VNM	31T	950	173	354-3613	100-4081
2014-01	VN	31T	950	173	354-3613	100-4081
2010-03	VM	31T	950	173	354-3613	100-4081
2009-04	VT	31T	950	173	354-3613	100-4081
2007-06	VT880	31T	950	173	354-3613	100-4081
2002-96	On Highway Cab Over	31T	950	173	354-3613	100-4081
2002-96	On/Off Highway Cab Over	31T	950	173	354-3613	100-4081
1960	118	31T	550	173	175-4370	8C-3628
1960	118- Opt	31T	625	181	175-4370	8C-3628
<b>Commercial Truck</b>						
2010-09	FM11	31T	950	173	354-3613	100-4081
2010-06	FH	31T	950	173	354-3613	100-4081
2010-03	FH16	31T	950	173	354-3613	100-4081
2010-02	FM9	31T	950	173	354-3613	100-4081
2010-01	FM	31T	950	173	354-3613	100-4081
2010-00	FL	31T	950	173	354-3613	100-4081
2008-00	FM12	31T	950	173	354-3613	100-4081
2007-98	NH	31T	950	173	354-3613	100-4081
2005-00	FH12	31T	950	173	354-3613	100-4081
2003-99	FM10	31T	950	173	354-3613	100-4081
<b>Medium Duty</b>						
2016-00	VNL, VNM	31T	950	24, 148	354-3613	100-4081
2015-11	VAH	31T	950	24, 148	354-3613	100-4081
2015-01	VHD	31T	950	24, 148	354-3613	100-4081
2014-09	9700	31T	950	24, 148	354-3613	100-4081
2004-96	WX	31T	950	24, 148	354-3613	100-4081
2004	VN	31T	950	24, 148	354-3613	100-4081
2002-96	ACL, WAH	31T	950	24, 148	354-3613	100-4081
2001-96	WG	31T	550	24, 148	175-4370	8C-3628
2001-96	WG- Opt	31T	625	24, 148	175-4370	8C-3628
1999-98	VN	31T	950	24, 148	354-3613	100-4081

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158 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(159)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (160)	Replacement Option 1    Option 2	
		27	625	24,148	153-5656	8C-3601
2013-89	2600	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2013-11	1800	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2013-05	2300DH, 2300LP	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2010-99	1800CS	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2010-05	1800HD	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2008-94	1400	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5720	628-8824
2007-05	1300	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2004-99	1200	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2004-89	1800, 2300	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
2000-95	3000	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
1994-92	3000HD, 3000SD, 600T	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
1994-89	2000, 2800, 3300	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
1993-92	1300	27	625	15	153-5720	628-8824
		27	625	24,148	153-5656	8C-3601
1991-89	1100, 3000, 550T	27	625	15	153-5656	8C-3601
		27	625	24,148	153-5656	8C-3601
1987-86	CLA, CMA	27	625	15	153-5656	8C-3601
1987-86	CPB, CPC	27	550	15	153-5656	8C-3601
<b>VOLVO</b>						
See also AUTOCAR DIVISION, GMC DIVISION, & WHITE DIVISION						
Class 8 Truck						

MAKE <sup>(159)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (160)	Replacement Option 1    Option 2	
2014-13	VNX	31T	950	173	354-3613	100-4081
2014-04	VNL, VNM	31T	950	173	354-3613	100-4081
2014-01	VN	31T	950	173	354-3613	100-4081
2010-03	VM	31T	950	173	354-3613	100-4081
2009-04	VT	31T	950	173	354-3613	100-4081
2007-06	VT880	31T	950	173	354-3613	100-4081
2002-96	On Highway Cab Over	31T	950	173	354-3613	100-4081
2002-96	On/Off Highway Cab Over	31T	950	173	354-3613	100-4081
1960	118	31T	550	173	175-4370	8C-3628
1960	118 - Opt	31T	625	181	175-4370	8C-3628
<b>Commercial Truck</b>						
2010-09	FM11	31T	950	173	354-3613	100-4081
2010-06	FH	31T	950	173	354-3613	100-4081
2010-03	FH16	31T	950	173	354-3613	100-4081
2010-02	FM9	31T	950	173	354-3613	100-4081
2010-01	FM	31T	950	173	354-3613	100-4081
2010-00	FL	31T	950	173	354-3613	100-4081
2008-00	FM12	31T	950	173	354-3613	100-4081
2007-98	NH	31T	950	173	354-3613	100-4081
2005-00	FH12	31T	950	173	354-3613	100-4081
2003-99	FM10	31T	950	173	354-3613	100-4081
<b>Medium Duty</b>						
2016-00	VNL, VNM	31T	950	24, 148	354-3613	100-4081
2015-11	VAH	31T	950	24, 148	354-3613	100-4081
2015-01	VHD	31T	950	24, 148	354-3613	100-4081
2014-09	9700	31T	950	24, 148	354-3613	100-4081
2004-96	WX	31T	950	24, 148	354-3613	100-4081
2004	VN	31T	950	24, 148	354-3613	100-4081
2002-96	ACL, WAH	31T	950	24, 148	354-3613	100-4081
2001-96	WG	31T	550	24, 148	175-4370	8C-3628
2001-96	WG - Opt	31T	625	24, 148	175-4370	8C-3628
1999-98	VN	31T	950	24, 148	354-3613	100-4081

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160 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(163)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (164)	Replacement Option 1    Option 2	
1998-96	WC, WI	31T	950	24,148	354-3613	100-4081
1998-96	WH	31T	950	24,148	354-3613	100-4081
<b>Truck &amp; Bus</b>						
1983	F10, F7	31T	475	173	175-4370	8C-3628
1983	F6	31T	475	15	175-4370	8C-3628
<b>WESTERN STAR</b>						
<b>Class 8 Truck</b>						
		31T	625	181	175-4370	8C-3628
		31T	700	173	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		8D	1300	1	153-5720	628-8824
		31T	625	181	175-4370	8C-3628
		31T	700	173	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		8D	1300	1	153-5720	628-8824
		31T	625	181	175-4370	8C-3628
		31T	700	173	3T-5760	8C-3628
		31T	750	181	3T-5760	8C-3628
		8D	1300	1	153-5720	628-8824
<b>Medium Duty</b>						
2015-12	4700 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2015-12	4900EX - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2015-02	4900EX, 4900FA	31T	625	1, 24, 179	175-4370	8C-3628
2015-02	4900FA - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2015-02	4900SA - Opt	31T	1000	1, 24, 179	175-4390	100-4081

MAKE <sup>(163)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (164)	Option 1	Option 2
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2014	4800 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2013-02	6900XD - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2002-97	4800, 4900 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2002-97	5800	31T	625	1, 24, 179	175-4370	8C-3628
2001-97	5900, 6900 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628

163 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

164 See page 413 for further description.



# Trucks & Buses

MAKE <sup>(163)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (164)	Replacement Option 1    Option 2	
		8D	1135	1, 24, 179	153-5720	628-8824
2001-00	3700 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
2000-99	3800 - Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
1999	4900 - Diesel, Opt	31T	1000	1, 24, 179	175-4390	100-4081
		31T	625	1, 24, 179	175-4370	8C-3628
		31T	700	1, 24, 179	3T-5760	8C-3628
		31T	750	1, 24, 179	3T-5760	8C-3628
		8D	1300	1, 24, 179	153-5720	628-8824
1997	5800 - Opt	31T	625	1, 24, 179	175-4370	8C-3628
		8D	1000	1, 24, 179	175-4390	100-4081
1987-83	4900	31T	960	1, 24, 179	175-4390	100-4081
<b>Truck &amp; Bus</b>						
		31T	625	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		31T	625	181	175-4370	8C-3628
		31T	750	181	3T-5760	8C-3628
		8D	1300	1	153-5720	628-8824

MAKE <sup>(163)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (164)	Replacement Option 1    Option 2	
2000	Constellation Series	31T	700	173	3T-5760	8C-3628
1999	Constellation Series	31T	700	183	3T-5760	8C-3628
<b>WHITE DIVISION</b>						
<b>VOLVO GM HEAVY TRUCK CORP.</b>						
<b>Truck &amp; Bus</b>						
2000-99	ANH, WCA, WG, WIA	31T	550	173	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
2000-99	WX	31T	550	173	175-4370	8C-3628
		31T	625	181	175-4370	8C-3628
1998-87	ANH, WCA, WG, WIA	31T	550		175-4370	8C-3628
		31T	625		175-4370	8C-3628
1998-87	WX	31T	550		175-4370	8C-3628
		31T	625		175-4370	8C-3628
1983-76	K, RB2, RC2, RX2	27	620		153-5656	8C-3601
		31T	475		175-4370	8C-3628
		31T	580		175-4370	8C-3628
		31T	625		175-4370	8C-3628
		4	720	173	8C-3633	—
		7D	800	173	8C-3633	—
		7D	930	173	8C-3633	—
1983-76	WSH	27	620		153-5656	8C-3601
		31T	475		175-4370	8C-3628
		31T	580		175-4370	8C-3628
		31T	625		175-4370	8C-3628
		4	720		8C-3633	—
		7D	800		8C-3633	—
		7D	930		8C-3633	—
<b>WORKHORSE</b>						
<b>Medium/Heavy Truck</b>						
2011-10	W42	78	690	15, 24	369-9957	7X-6100
2011-07	W62	78	690	15, 24	369-9957	7X-6100
2011-05	LF72	78	690	15, 24	369-9957	7X-6100
2011	W42	78	690	15, 24	369-9957	7X-6100
2010-09	W42	78	690	15, 24	369-9957	7X-6100
2009-08	R32, W42	78	690	15, 24	369-9957	7X-6100
2009-07	R26, W21	78	690	15, 24	369-9957	7X-6100
2009-06	W16, W18	78	690	15, 24	369-9957	7X-6100
2009-05	W25	78	690	15, 24	369-9957	7X-6100
2009-04	W24	78	690	15, 24	369-9957	7X-6100
2009-01	W20, W22	78	690	15, 24	369-9957	7X-6100
2009	R32	78	690	15, 24	369-9957	7X-6100
2008-07	R32, W42	78	690	15, 24	369-9957	7X-6100
2007-06	R32, W42	78	690	15, 24	369-9957	7X-6100
2006-05	R32, W42	78	690	15, 24	369-9957	7X-6100

163 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

*Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.*

164 See page 413 for further description.

# Trucks & Buses

MAKE <sup>(165)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (166)	Replacement Option 1    Option 2	
2005-99	P32, P42	78	690	15, 24	369-9957	7X-6100
2005-99	P42	78	600	15, 24	369-9957	7X-6100
2005-04	R32	78	690	15, 24	369-9957	7X-6100
2005	W42	78	690	15, 24	369-9957	7X-6100
2004-03	R32	78	690	15, 24	369-9957	7X-6100
2004	W42	78	600	15, 24	369-9957	7X-6100
2003-99	P32	78	600	15, 24	369-9957	7X-6100
2003	R32	78	690	15, 24	369-9957	7X-6100
<b>WORKHORSE CUSTOM CHASSIS</b>						
<b>Medium Duty</b>						
2012-06	W42	78	690	15, 24	369-9957	7X-6100
2011	W22, W24	78	690	15, 24	369-9957	7X-6100

MAKE <sup>(165)</sup> EQUIPMENT TYPE YEAR / MODEL		O.E. BCI NO.	CCA @ 0°	Notes (166)	Replacement Option 1    Option 2	
2010-07	W62	78	690	15, 24	369-9957	7X-6100
2010-06	W18	78	690	15, 24	369-9957	7X-6100
2009-07	W24	78	690	15, 24	369-9957	7X-6100
2009-01	W22	78	690	15, 24	369-9957	7X-6100
2009	W22	78	600	15, 24	369-9957	7X-6100
2008-07	R26	78	690	15, 24	369-9957	7X-6100
2008-04	R20	78	600	15, 24	369-9957	7X-6100
2006-01	P32	78	690	15, 24	369-9957	7X-6100
2006	W42	78	600	15, 24	369-9957	7X-6100
2006	W72	78	690	15, 24	369-9957	7X-6100
2005-04	W24	78	690	15, 24	369-9957	7X-6100
2005-02	P42, W52	78	690	15, 24	369-9957	7X-6100

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166 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE <sup>(2)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (2)	PREMIUM OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>ACURA</b>						
<b>CL Series</b>						
2003-01 V6 3.2L	24	550		153-5656	3T-5857	250-0488
1999-98 L4 2.3L	24F	550		—	3T-5858	250-0487
1999-97 V6 3.0L	24	550		153-5656	3T-5857	250-0488
1997 L4 2.2L	24F	550		—	3T-5858	250-0487
<b>ILX</b>						
2015-13 L4 1.5L Hybrid	151R	340		—	430-6012	—
<b>MDX</b>						
2017 V6 3.5L	48	620		—	430-5993	—
2016 V6 3.5L Exc Adv Pkg	48	620		—	430-5993	—
2015-14 V6 3.5L	24F	550		—	3T-5858	250-0487
2013-07 V6 3.7L	24F	630		—	3T-5858	250-0487
2006-01 V6 3.5L	24F	550		—	3T-5858	250-0487
<b>NSX</b>						
2005-97 V6 3.2L w/AT	24F	585		—	3T-5858	250-0487
2005-97 V6 3.2L w/MT	35	435		—	250-0487	369-9958
2005-96 V6 3.0L w/AT	24F	585		—	3T-5858	250-0487
2005-96 V6 3.0L w/MT	35	435		—	250-0487	369-9958
<b>RDX</b>						
2017 V6 3.5L	24F	630		—	3T-5858	250-0487
2015-13 V6 3.5L	24F	550		—	3T-5858	250-0487
2012-07 L4 2.3L	35	440		—	250-0487	369-9958
<b>RL SERIES</b>						
2012-09 V6 3.7L	24	550		153-5656	3T-5857	250-0488
2008-05 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2004-96 V6 3.5L	24	550		153-5656	3T-5857	250-0488
<b>RLX</b>						
2017-14 V6 3.5L	24F	550		—	3T-5858	250-0487
<b>SLX</b>						
1999-98 V6 3.5L	24	585		153-5656	3T-5857	250-0488
1999-98 V6 3.5L Optional	27	610		153-5656	8C-3601	3T-5857
1997 V6 3.2L	24	585		153-5656	3T-5857	250-0488
1997 V6 3.2L Optional	27	610		153-5656	8C-3601	3T-5857
1996 V6 3.2L	27	610		153-5656	8C-3601	3T-5857
<b>TL Series</b>						
2014-09 V6 3.7L	24F	550		—	3T-5858	250-0487
2014-07 V6 3.5L	24F	550		—	3T-5858	250-0487

MAKE <sup>(1)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (2)	PREMIUM OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2008-04 V6 3.2L	24F	550		—	3T-5858	250-0487
2003-99 V6 3.2L	24	550		153-5656	3T-5857	250-0488
1998-96 L5 2.5L	35	450		—	250-0487	369-9958
1998-96 V6 3.2L	25	450	33	—	250-0488	8C-3600
<b>TLX</b>						
2016-15 L4 2.4L	35	440		—	250-0487	369-9958
<b>TSX</b>						
2014-10 V6 3.5L	24F	550		—	3T-5858	250-0487
<b>ZDX</b>						
2013-10 V6 3.7L	24F	550		—	3T-5858	250-0487
<b>8C</b>						
2008 V8 4.7L	24F	580	184	—	3T-5858	250-0487
<b>ASTON MARTIN</b>						
<b>DB9 (Includes Vantage)</b>						
2016-05 V12 6.0L	49	830	1, 8, 257	—	307-0751	—
<b>DBS</b>						
2012-08 V12 6.0L	49	830	1, 8, 139	—	307-0751	—
<b>Rapide</b>						
2017-11 V12 6.0L	49	830	1, 8, 257	—	307-0751	—
<b>V12 Vantage</b>						
2017-15 V12 6.0L	49	830	1, 8	—	307-0751	—
2013-10 V12 6.0L	49	830	1, 8, 139	—	307-0751	—
<b>V8 Vantage</b>						
2017-14 V12 6.0L	49	830	1, 8, 139	—	307-0751	—
2008-06 V8 4.3L	49	830	1, 8, 139	—	307-0751	—
<b>Vanquish (Includes S)</b>						
2017-14 V12 6.0L	49	830	1, 8, 139	—	307-0751	—
2006- V12 6.0L	49	830	1, 8, 139	—	307-0751	—
<b>Virage</b>						
2012 V12 6.0L	49	830	1, 8, 257	—	307-0751	—
<b>AUDI</b>						
<b>A3</b>						
2017 L4 2.0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2016-15 L4 1.8L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2016-15 L4 2.0L Diesel,	48	640	1, 8, 23, 24, 275	—	430-5993	—

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2 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE <sup>(3)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ °F	Notes	PREMIUM OUTPUT	GENERAL DUTY	
			(4)		(U.S. Only)	
PR-J1D Code						
2013-11 L4 2.0L PR-J0L, PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2013-11 L4 2.0L Diesel, PR-J0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2008-06 L4 2.0L Optional	48	600	1, 8, 23, 24, 275	—	430-5993	—
<b>A3 Quattro</b>						
2017-15 L4 2.0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2013-09 L4 2.0L PR-J0L, PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2009 V6 3.2L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2008-06 V6 3.2L	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2008-06 V6 3.2L Optional	94R	800	1, 8, 23, 24, 80	—	430-6004	—
<b>A3 Sportback e-tron</b>						
2017-16 L4 1.4L Hybrid, PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
<b>A4 Allroad</b>						
2017-16 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 46, 275	—	430-5993	—
2017-16 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—	430-6005	430-6004
2017-16 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	—
2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80 275	—	430-6004	—
2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 46, 275	—	307-0751	—
2015-13 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 275	—	430-5993	—

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ °F	Notes	PREMIUM OUTPUT	GENERAL DUTY	
			(6)		(U.S. Only)	
2015-13 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2015-13 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24	—	430-6006	—
2015-13 L4 2.0L PR-J0Z Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2015-13 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
2013 L4 2.0L w/Flex Fuel	49	760	1, 8, 23	—	307-0751	—
<b>A4, A4 Quattro</b>						
2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80, 275	—	430-6004	—
2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 48, 275	—	307-0751	—
2017 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 46, 275	—	430-5993	—
2017 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—	430-6005	430-6004
2017 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	—
2016 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
2016 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	307-0751
2016 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2016 L4 2.0L PR-J1U Code	49	960	1, 8, 23, 24, 275	—	307-0751	—
2015-13 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-09 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
2015-09 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2015-09 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—

**5 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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6 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (6)	PREMIUM OUTPUT	GENERAL DUTY		MAKE <sup>(5)</sup> EQUIPMENT TYPE YEAR/MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (6)	PREMIUM OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2015 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2002-97 L4 1.8L Optional	94R	720	1, 8, 23, 24	—	430-6005	430-6004
2012-09 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2002 V6 3.0L	48	640	1, 8, 23, 24	—	430-5993	—
2009 V6 3.2L PR-J0 Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2002 V6 3.0L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2009 V6 3.2L PR-J0Z Code	94R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2002 V6 3.0L Optional	94R	720	1, 8, 23, 24	—	430-6005	430-6004
2009 V6 3.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2001-96 V6 2.8L	48	640	1, 8, 23, 24	—	430-5993	—
2009 V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2001-96 V6 2.8L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2008 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004	2001-96 V6 2.8L Optional	94R	720	1, 8, 23, 24	—	430-6005	430-6004
2008 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—	2001-96 V6 2.8L Optional	48	640	1, 8, 23, 24	—	430-5993	—
2008 V6 3.2L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004	1997 V6 2.8L	48	540	1, 8, 23, 24	—	430-5993	430-6001
2008 V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—	<b>A5, A5 Quattro</b>						
2007-05 L4 2.0L	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2017-16 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 275	—	430-6005	—
2007-05 L4 2.0L Optional	49	760	1, 8, 23, 24, 275	—	307-0751	—	2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2007-05 V6 3.2L	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
2007-05 V6 3.2L Optional	49	760	1, 8, 23, 24, 275	—	307-0751	—	2017 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2006-03 L4 1.8L	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2017 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
2006-03 V6 3.0L	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2016 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2006-02 L4 1.8L Optional	49	760	1, 8, 23, 24	—	307-0751	—	2016 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
2006-02 V6 3.0L Optional	49	760	1, 8, 23, 24	—	307-0751	—	2015-12 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 275	—	430-6004	—
2002-97 L4 1.8L	48	640	1, 8, 23, 24	—	307-0751	—	2015-10 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2002-97 L4 1.8L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2015-10 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
							2015-10 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—

**5 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

6 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (7) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (8)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (7) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (8)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2015-10 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—		307-0751	—						
2010 V6 3.2L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—		430-5993	—						
2010 V6 3.2L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—		430-6005	430-6004						
2010 V6 3.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—		430-6006	—						
2010 V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—		307-0751	—						
2009-08 V6 3.2L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—		430-6005	430-6004						
2009-08 V6 3.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—		430-6006	—						
2009-08 V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 275	—		307-0751	—						
<b>A6, A6 Quattro</b>													
2017-16 L4 2.0L PR-J0L Code	48	640	1, 8, 23, 24, 275	—		430-5993	—						
2017-16 L4 2.0L PR-J0L Code	48	640	1, 8, 23, 24, 46, 275	—		430-5993	—						
2017-16 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—		430-6005	430-6004						
2017-16 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—		430-6005	430-6004						
2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80, 275	—		430-6004	—						
2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—		430-6004	—						
2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—		307-0751	—						
2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 46, 275	—		307-0751	—						
2017-16 V6 3.0L PR-J0L Code	48	640	1, 8, 23, 24, 275	—		430-5993	—						
2017-16 V6 3.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—		430-6005	430-6004						
2017-16 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—		430-6004	—						
2017-16 V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—		307-0751	—						
2017-16 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—		430-6006	307-0751						
2015-14 V6 3.0L Diesel, PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—		430-6005	430-6004						
2015-14 V6 3.0L Diesel, PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—		430-6006	—						
2015-14 V6 3.0L Diesel, Code	94R	800	1, 8, 23, 24, 80,	—		430-6004	—						

**7 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

8 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (9) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (10)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (9) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (10)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
PR-J1N Code			139, 275				L4 2.0L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—
V6 3.0L Diesel, PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	V6 3.0L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—
V6 3.0L Gas, PR-JOR Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	V6 3.0L PR-JOR Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
V6 3.0L Gas, PR-JOZ Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	V6 3.0L PR-JOZ Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
V6 3.0L Gas, PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139,275	—	430-6004	—	V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139,275	—	430-6004	—
V6 3.0L Gas, PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
L4 2.0L PR-JOR Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	V6 3.2L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—
L4 2.0L PR-JOZ Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	V6 3.2L PR-JOR Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139,275	—	430-6004	—	V6 3.2L PR-JOZ Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	V6 3.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139,275	—	430-6004	—
L4 2.0L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—	V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
V6 3.0L Diesel, PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—	V8 4.2L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—
V6 3.0L Gas, PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—	V8 4.2L PR-JOR Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
L4 2.0L PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	430-6001	V8 4.2L PR-JOZ Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
V6 3.0L Diesel, PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	430-6001	V8 4.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139,275	—	430-6004	—
V6 3.0L Gas, PR-JOL Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	430-6001	V8 4.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
							V6 3.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
							V6 3.0L Optional	49	760	1, 8, 23, 24, 139	—	307-0751	—

9 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

10 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE(11) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (12)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2010-09 V63.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2010-09 V63.0L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2010-05 V6 3.2L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2010-05 V6 3.2L Optional	49	760	1, 8, 23, 24, 139	—	307-0751	—
2010-05 V6 3.2L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2010-05 V6 3.2L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2010-05 V8 4.2L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2010-05 V8 4.2L Optional	49	760	1, 8, 23, 24, 139	—	307-0751	—
2010-05 V8 4.2L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2010-05 V8 4.2L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2004-02 V6 2.7L Turbo	48	640	1, 8, 23, 24	—	430-5993	—
2004-02 V6 2.7L Turbo & Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2004-02 V6 2.7L Turbo & Optional	94R	720	1, 8, 23, 24	—	430-6005	—
2004-02 V6 3.0L	48	640	1, 8, 23, 24	—	430-5993	—
2004-02 V6 3.0L Optional	49	760	1, 8, 23, 24	—	307-0751	—
2004-02 V6 3.0L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2004-02 V6 3.0L Optional	94R	720	1, 8, 23, 24	—	430-6005	430-6004
2004-02 V8 4.2L	48	640	1, 8, 23, 24	—	430-5993	—
2004-02 V8 4.2L Optional	49	760	1, 8, 23, 24	—	307-0751	—
2004-02 V8 4.2L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
2004-02 V8 4.2L Optional	94R	720	1, 8, 23, 24	—	430-6005	430-6004
2003-02 V6 2.7L Turbo & Optional	49	760	1, 8, 23, 24	—	307-0751	—
2001-00 V6 2.7L Turbo	94R	640	1	—	430-6005	430-6004
2001-00 V6 2.7L Turbo	94R	650	1	—	430-6005	430-6004
2001-00 V8 4.2L	49	850	1	—	307-0751	—

MAKE(11) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (12)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2001-99 V62.8L	48	570	1	—	430-5993	430-6001
1998-96 V62.8L	41	650	1	—	8C-3605	—
<b>A7 Quattro</b>						
2017-16 V63.0L PR-JOR Code	94R	640	1,8,23, 24,275	—	430-6005	430-6004
2017-16 V63.0L PR-J1N Code	94R	800	1,8,23, 24,80, 275	—	430-6004	—
2017-16 V63.0L PR-J1U Code	49	760	1,8,23, 24,275	—	307-0751	—
2017 V63.0L PR-JOZ Code	95R	850	1,8,23, 24,275	—	430-6006	—
2016-14 V63.0L Diesel, PR-JOR Code	94R	640	1,8,23, 24,275	—	430-6005	430-6004
2016-14 V63.0L Diesel, PR-J1N Code	94R	800	1,8,23, 24,80, 275	—	430-6004	—
2016-14 V63.0L Diesel, PR-J1U Code	49	760	1,8,23, 24,275	—	307-0751	—
2016 V63.0L Diesel, PR-JOZ Code	95R	850	1,8,23, 24,275	—	430-6006	307-0751
2016 V63.0L PR-JOZ Code	95R	850	1,8,23, 24,275	—	430-6006	307-0751
2015-14 V63.0L Diesel, PR-JOZ Code	95R	850	1,8,23, 24,275	—	430-6006	—
2015-14 V63.0L Gas, PR-JOR Code	94R	640	1,8,23, 24,275	—	430-6005	430-6004
2015-14 V63.0L Gas, PR-JOZ Code	95R	850	1,8,23, 24,275	—	430-6006	—
2015-14 V63.0L Gas, PR-J1N Code	94R	800	1,8,23, 24,80, 275	—	430-6004	—
2015-14 V63.0L Gas, PR-J1U Code	49	760	1,8,23, 24,275	—	307-0751	—

**11 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

12 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (13) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (14)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
V6 3.0L PR-J0R Code 2013-12	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
V6 3.0L PR-J0Z Code 2013-12	95R	850	1, 8, 23, 24, 275	—	430-6006	—
V6 3.0L PR-J1N Code 2013-12	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
V6 3.0L PR-J1U Code 2013-12	49	760	1, 8, 23, 24, 275	—	307-0751	—
<b>A8, A8 Quatro</b>						
V6 3.0L PR-J0Z Code 2017-16	95R	850	1, 8, 23, 24, 275	—	430-6006	—
V6 3.0L PR-J1N Code 2017-16	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
V6 3.0L PR-J1U Code 2017-16	49	760	1, 8, 23, 24, 275	—	307-0751	—
V8 4.0L PR-J0Z Code 2017-16	95R	850	1, 8, 23, 24, 275	—	430-6006	—
V8 4.0L PR-J1N Code 2017-16	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
V8 4.0L PR-J1U Code 2017-16	49	760	1, 8, 23, 24, 275	—	307-0751	—
V6 3.0L Diesel, PR-J0Z Code 2016	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
V6 3.0L Diesel, PR-J1N Code 2016	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
V6 3.0L Diesel, PR-J1U Code 2016	49	760	1, 8, 23, 24, 275	—	307-0751	—
W12 6.3L PR-J0Z Code 2016	95R	850	1, 8, 23, 24, 275	—	430-6006	—
W12 6.3L PR-J1N Code 2016	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
W12 6.3L PR-J1U Code 2016	49	760	1, 8, 23, 24, 275	—	307-0751	—
V6 3.0L Diesel, 2015-14	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—

MAKE (13) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (14)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
PR-J0Z Code						
V6 3.0L Diesel, PR-J1N Code 2015-14	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
V6 3.0L Diesel, PR-J1U Code 2015-14	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
V6 3.0L Gas, PR- J0Z Code 2015-14	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
V6 3.0L Gas, PR- J1N Code 2015-14	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
V6 3.0L Gas, PR- J1U Code 2015-14	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
V8 4.0L PR-J1N Code 2015-14	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
W12 6.3L PR-J1N Code 2015-14	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
V8 4.0L PR-J0Z Code 2015-13	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
V8 4.0L PR-J1U Code 2015-13	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
W12 6.3L PR-J0Z Code 2015-12	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
W12 6.3L PR-J1U Code 2015-12	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
V6 3.0L PR-0K1 Code 2013	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
V6 3.0L PR-J0Z Code 2013	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
V6 3.0L PR-J1U Code 2013	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
V8 4.0L PR-0K1 Code 2013	94R	800	1, 8, 23, 24, 80,	—	430-6004	—

**13 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

14 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (15) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (16)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
			139, 275			
2013 W12 6.3L PR-0K1 Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2012-10 V8 4.2L PR-0K1 Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2012-10 V8 4.2L PR-J0Z Code	95R	800	1, 8, 23, 24, 139, 275	—	430-6006	—
2012-10 V8 4.2L PR-J1U Code	95R	850	1, 8, 23, 24, 139, 275	—	307-0751	—
2012 V12 6.3L PR-0K1 Code	49	760	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2009-07 V8 4.2L	94R	800	1, 8, 23, 24, 139	—	430-6006	—
2009-06 W12 6.0L	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2006-04 V8 4.2L	95R	850	1, 8, 23, 24, 46	—	430-6006	—
2006-04 V8 4.2L Optional	95R	850	1, 8, 23, 24, 46	—	307-0751	—
2006 W12 6.0L Optional	49	850	1, 8, 23, 24, 139	—	307-0751	—
2005 W12 6.0L	49	850	1, 8, 23, 24, 46	—	430-6006	—
2005 W12 6.0L Optional	95R	850	1, 8, 23, 24, 46	—	307-0751	—
2003- 00 V8 4.2L Optional	49	850	1, 46	—	430-6006	—
2003-97 V8 4.2L	49	850	1, 46	—	307-0751	—
1999-97 V8 3.7L	49	850	1, 46	—	307-0751	—
<b>Allroad</b>						
2016-13 L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 275	—	430-5993	—
2016-13 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2016-13 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2016-13 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
2016 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
<b>Cabriolet</b>						
2015-13 L42.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
<b>Q3</b>						
1998-96 V62.8L	41	650		—	8C-3605	—
<b>Q3 Quatro</b>						
2017-15 L4 2.0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
<b>Q5</b>						
2017-16 L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—	430-6005	430-6004
2017-16 L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80, 275	—	430-6004	—
2017-16 L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 46, 275	—	307-0751	—
2017-16 V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 46, 275	—	430-5993	—
2017-16 V6 3.0L PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—	430-6005	430-6004
2017-16 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80, 275	—	430-6004	—
2017-16 V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 46, 275	—	307-0751	—
2017 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	—
2017 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	—
2016 L4 2.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	307-0751
2016 V6 3.0L Diesel, PR-J0L Code	48	570	1, 8, 23, 24, 46, 275	—	430-5993	—
2016 V6 3.0L Diesel, PR-J0R Code	94R	640	1, 8, 23, 24, 46, 275	—	430-6005	430-6004

**15 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

16 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (17) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (18)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (17) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (18)	PREMIUM HIGH OUTPUT	GENERAL DUTY			
					(U.S. Only)							(U.S. Only)			
2016	V6 3.0L Diesel,z PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	307-0751	2015-11	L42.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2016	V6 3.0L Diesel, PR-J1N Code	94R	800	1, 8, 23, 24, 46, 80, 275	—	430-6004	—	2015-11	L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2016	V6 3.0L Diesel, PR-J1U Code	49	760	1, 8, 23, 24, 46, 275	—	307-0751	—	2015-11	L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2016	V6 3.0L Diesel, PR-J0Z Code	95R	850	1, 8, 23, 24, 46, 275	—	430-6006	307-0751	2015	V6 3.0L Diesel, PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-14	V6 3.0L Diesel, PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2015	V6 3.0L Gas, PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-14	V6 3.0L Diesel, PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2014	V6 3.0L Diesel, PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-14	V6 3.0L Diesel, PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2014	V6 3.0L Gas, PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-14	V6 3.0L Diesel, PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2013	V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-14	V6 3.0L Gas, PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2013	V6 3.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
2015-14	V6 3.0L Gas, PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2013	V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2015-14	V6 3.0L Gas, PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2013	V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2015-14	V6 3.0L Gas, PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2013	V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2015-11	L4 2.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—	2012-19	V6 3.2L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-11	L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2012-09	V6 3.2L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
								2012-09	V6 3.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
								2012-09	V6 3.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—

**17 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

18 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (19) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (20)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2012-09 V6 3.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
<b>Q7</b>						
2017 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2015-14 V6 3.0L Diesel, Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	—
2015-11 V6 3.0L Gas	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004
2015-11 V6 3.0L Gas, Optional	49	760	1, 8, 23, 24, 153	—	307-0751	—
2015-11 V6 3.0L Gas, Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	—
2015-10 V6 3.0L Diesel	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004
2015-10 V6 3.0L Diesel, Optional	49	760	1, 8, 23, 24, 153	—	307-0751	—
2013-09 V6 3.0L Diesel, Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	307-0751
2010-07 V6 3.6L Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	—
2010-07 V8 4.2L Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	—
2010 V6 3.6L	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004
2010 V6 3.6L Optional	49	760	1, 8, 23, 24, 153	—	307-0751	—
2010 V8 4.2L	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004
2010 V8 4.2L Optional	49	760	1, 8, 23, 24, 153	—	307-0751	—
2009-07 V6 3.6L	49	760	1, 8, 23, 24, 153	—	307-0751	—
2009-07 V8 4.2L	49	760	1, 8, 23, 24, 153	—	307-0751	—
2009 V6 3.0L Diesel, Optional	49	850	1, 8, 23, 24, 153	—	307-0751	—
<b>Quattro-Allroad</b>						
2005-04 V6 2.7L	94R	650	1	—	430-6005	430-6004
2005-03 V8 4.2L	49	850	1	—	307-0751	—
2003 V6 2.7L	49	850	1	—	307-0751	—
2002-01 V6 2.7L	94R	640	1	—	430-6005	430-6004
<b>R8</b>						
2017 V10 5.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 253, 275	—	430-6004	—
2012-10 V10 5.2L PR-J0L Code	48	570	1, 8, 23, 24, 253, 275	—	430-5993	—
2012-10 V10 5.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 253, 275	—	430-6006	—
2012-08 V8 4.2L PR-J0L Code	48	570	1, 8, 23, 24, 253, 275	—	430-5993	—
2012-08 V8 4.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 253, 275	—	430-6006	—
<b>RS5</b>						
2015-13 V8 4.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
2015-13 V8 4.2L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
<b>RS6</b>						
2004-03 V8 4.2L	49	850	1	—	307-0751	—
<b>RS7</b>						
2017-14 V8 4.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2017-14 V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
2017-14 V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2017-14 V8 4.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
<b>SS3</b>						
2017-15 L4 2.0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
<b>S4 (Includes Avant, Cabriolet)</b>						
2016 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
2016 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2016 V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—

**19 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

20 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (21) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (22)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (19) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (20)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2015-14 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2017-12 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2015-10 V6 3.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2017-10 V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2015-10 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2017-10 V6 3.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
2015-10 V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2017-10 V6 3.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2015 V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—	2017 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2014 V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	430-6001	2016 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	307-0751
2013 V6 3.0L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—	2015-10 V6 3.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2012-10 V6 3.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2012-09 V8 4.2L PR-J0L Code	48	570	1, 8, 23, 24, 139, 275	—	430-5993	—
2009 V8 4.2L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2012-08 V8 4.2L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
2009 V8 4.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2012-08 V8 4.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2009 V8 4.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2012-08 V8 4.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2009 V8 4.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2012 V8 4.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2008 V8 4.2L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004	<b>S6</b>						
2008 V8 4.2L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—	2017-16 V8 4.0L PR-J0L Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2007-04 V8 4.2L	94R	640	1, 8, 23, 24	—	430-6005	430-6004	2017-16 V8 4.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004
2007-04 V8 4.2L Optional	49	760	1, 8, 23, 24	—	307-0751	—	2017-16 V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2002 V6 2.7L Turbo	94R	640	1	—	430-6005	430-6004	2017-16 V8 4.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
2001-00 V6 2.7L	48	570	1	—	430-5993	430-6001	2017 V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
<b>SS5</b>													

21 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

22 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (23) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (24)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (23) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (24)	PREMIUM HIGH OUTPUT	GENERAL DUTY			
					(U.S. Only)							(U.S. Only)			
2016	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751	2017-13	V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6004	—
2015-13	V8 4.0L PR-J0L Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—	2017-13	V8 4.0L PR-J1U Code	48	760	1, 8, 23, 24, 275	—	307-0751	—
2015-13	V8 4.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	<b>SS8</b>							
2015-13	V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2017-16	V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 275	—	430-6006	—
2015-13	V8 4.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2017-16	V8 4.0L PR-J1U Code	49	760	1, 8, 23, 24, 275	—	307-0751	—
2014-13	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2017	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—
2011	V10 5.2L PR-J0L Code	48	640	1, 8, 23, 24, 139, 275	—	430-5993	—	2016	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	307-0751
2011	V10 5.2L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004	2015-14	V8 4.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2011	V10 5.2L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—	2015-13	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 139, 275	—	430-6006	—
2011	V10 5.2L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—	2015-13	V8 4.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2011	V10 5.2L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—	2013	V8 4.0L PR-0K1 Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2010-07	V10 5.2L	48	570	1, 8, 23, 24, 139	—	430-5993	—	2009-07	V10 5.2L	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2010-07	V10 5.2L Optional	49	760	1, 8, 23, 24, 139	—	307-0751	—	2003-02	V8 4.2L	49	720	1, 46	—	307-0751	—
2010-07	V10 5.2L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004	2001	V8 4.2L	49	850	1, 46	—	307-0751	—
2010-07	V10 5.2L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—	<b>TT (Includes Quatro)</b>							
2003-02	V8 4.2L	49	720	1	—	307-0751	—	2017-16	L4 2.0L PR-J0R Code	94R	640	1, 8, 23, 24, 139, 275	—	430-6005	430-6004
1997-96	L5 2.2L	41	650	1	—	8C-3605	—	2017-16	L4 2.0L PR-J1N Code	94R	800	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
<b>S7</b>															
2017-13	V8 4.0L PR-J0R Code	94R	640	1, 8, 23, 24, 275	—	430-6005	430-6004	2017-16	L4 2.0L PR-J1U Code	49	760	1, 8, 23, 24, 139, 275	—	307-0751	—
2017-13	V8 4.0L PR-J0Z Code	95R	850	1, 8, 23, 24, 275	—	430-6006	—	2015	L4 2.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
								2015	L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—

**23 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

24 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (25) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (26)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2014 L4 2.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2014 L4 2.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—
2009-08 V6 3.2L	94R	650	1	—	430-6005	430-6004
2006-00 L4 1.8L Optional	48	480	1, 24, 56	—	430-5993	—
2006 V6 3.2L	94R	650	1, 24, 56	—	430-6005	430-6004
2005-04 V6 3.2L Optional	48	480	1, 24, 56	—	430-5993	—
<b>SQ5</b>						
2017-14 V6 3.0L	94R	640		—	430-6005	430-6004
<b>AVANTI</b>						
<b>Avanti</b>						
2007-05 V8 4.6L	96R	590		—	430-6007	—
<b>BENTLEY</b>						
<b>Arnage</b>						
2009-08 V8 6.8L Right Side	91	700	1, 139	—	430-6001	—
2007-06 V8 6.8L	91	600		—	430-6001	430-6000
2007-06 V8 6.8L Optional	91	700		—	430-6001	—
2005-00 V8 6.8L	91	700		—	430-6001	—
2001-00 V8 4.4L	91	700		—	430-6001	—
2001-99 V8 4.4L	91	600		—	430-6001	430-6000
<b>Azure</b>						
2010-08 V8 6.8L Right Side	91	700	1, 139	—	430-6001	—
2007-06 V8 6.8L	91	700		—	430-6001	—
2003-96 V8 6.8L	91	700		—	430-6001	—
<b>Brooklands</b>						
2009-08 V8 6.8L Right Side	91	700	1, 139	—	430-6001	—
1998-96 V8 6.8L	91	700		—	430-6001	—
<b>Continental</b>						
2014 V8 4.0L Auxiliary - Left Side	49	850	1, 8, 139	—	307-0751	—
2014 W12 6.0L Auxiliary - Left Side	49	850	1, 8, 139	—	307-0751	—
2012-09 W12 6.0L Auxiliary	49	850	1, 8, 139	—	307-0751	—

MAKE (25) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (26)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
- Left Side						
2008-04 W12 6.0L Auxiliary - Left Side	49	900		—	307-0751	—
2003 V8 6.8L	24	650	139	153-5656	3T-5857	250-0488
2003 W12 6.0L	24	650		153-5656	3T-5857	250-0488
2002-96 V8 6.8L	24	650		153-5656	3T-5857	250-0488
<b>Mulsanne</b>						
2014 V8 6.8L Auxiliary - Left Side	49	850	1, 8, 139	—	307-0751	—
2012-11 V8 6.8L Auxiliary - Left Side	49	850	1, 8, 139	—	307-0751	—
<b>Turbo R</b>						
1998-96 V8 6.8L	48	700		—	430-5993	—
<b>BMW</b>						
<b>128i</b>						
2013-08 L6 3.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2013-08 L6 3.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—
2013-08 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>135i</b>						
2013-08 L6 3.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2013-08 L6 3.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—
2013-08 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>135is</b>						
2013 L6 3.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2013 L6 3.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—
2013 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>228i</b>						
2016-15 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2014 L4 2.0L	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—
<b>228i xDrive</b>						

**25 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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26 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (27) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (28)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (27) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (28)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2016-15 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2006 L6 2.5L Exc SULEV	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>230i</b>													
2017 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2005-03 L6 2.5L Exc SULEV	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>230i xDrive</b>													
2017 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2002-01 L6 2.5L	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>318 Series (Includes i, is, ti)</b>													
1999-96 L4 1.9L	91	600	1	—	430-6001	430-6000							
1997-96 L4 1.9L Exc Conv	91	600	1	—	430-6001	430-6000							
<b>320i</b>													
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2006 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2016-12 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2006 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2005-02 L6 2.2L	48	570	1, 8, 24, 50, 139	—	430-5993	—	2006 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2005-02 L6 2.2L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004	2005-04 L6 2.5L Eng. Code M54	94R	640	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2001 L6 2.2L	48	570	1, 8, 24, 139	—	430-5993	—	2005-04 L6 2.5L Eng. Code M54 Opt	48	570	1, 8, 23, 24, 139, 275	—	430-6006	—
2001 L6 2.2L Optional	94R	640	1, 8, 24, 139	—	430-6005	430-6004	2005-04 L6 2.5L Eng. Code N52	48	570	1, 8, 23, 24, 139, 275	—	307-0751	—
<b>320i xDrive</b>													
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2005-04 L6 2.5L Eng. Code N52 Opt	49	720	1, 8, 23, 24, 80, 139, 275	—	430-6004	—
2016-13 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2005-04 L6 2.5L Eng. Code N52 Opt	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>323 Series (Includes ci, i, is)</b>													
2011-06 L6 2.5L	48	570	1, 8, 24, 50, 139	—	430-5993	—	2003-02 L6 2.5L Exc SULEV	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2011-06 L6 2.5L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—	2003-02 L6 2.5L Exc SULEV Opt	48	570	1, 8, 23, 24, 139	—	430-5993	—
2011-06 L6 2.5L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	—	2001 L6 2.5L	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2000-99 L6 2.5L	94R	765	1	—	430-6005	430-6004	2001 L6 2.5L Optional	48	570	1, 8, 23, 24, 139	—	430-5993	—
2000 L6 2.5L Conv	94R	640	1, 8, 24	—	430-6005	430-6004	<b>325xi</b>						
1999 L6 2.5L	94R	765	1, 23	—	430-6005	430-6004	2006 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
1998 L6 2.5L	91	600	1	—	430-6001	430-6000	2006 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
1998 L6 2.5L Exc Conv	91	600	1	—	430-6001	430-6000	2006 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>325 Series (Includes ci,e, es, is, ix)</b>													

27 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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28 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (29) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (30)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005 L6 2.5L	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2005 L6 2.5L Optional	48	570	1, 8, 23, 24, 139	—	430-5993	—
2005 L6 2.5L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—
2004 L6 2.5L Eng. Code M54	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2004 L6 2.5L Eng. Code M54 Opt	48	570	1, 8, 23, 24, 139	—	430-5993	—
2003-01 L6 2.5L	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2003-01 L6 2.5L Optional	48	570	1, 8, 23, 24, 139	—	430-5993	—
<b>328 Series (Includes ci, i)</b>						
2016-12 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-07 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2013-07 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2013-07 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2000-99 L6 2.8L	94R	765	1, 23	—	430-6005	430-6004
1998-96 L6 2.8L Exc Conv	92	650	1, 23	—	430-6002	430-6001
<b>328d</b>						
2017 L4 2.0L Diesel, Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2016 L4 2.0L Diesel	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2015-14 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>328d xDrive</b>						
2017 L4 2.0L Diesel, Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2016 L4 2.0L Diesel	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2015-14 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>328i xDrive</b>						

MAKE (29) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (30)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016-13 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-09 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2013-09 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2013 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2012 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2012 L6 3.0L	98R	570	1, 8, 24, 50, 139	—	430-6008	—
2011-09 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
<b>328is</b>						
1999-96 L6 2.8L	92	650	1	—	430-6002	430-6001
<b>328xi</b>						
2008-07 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2008-07 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2008-07 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>330 Series (Includes ci, i, xi)</b>						
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80	—	430-6004	—
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2006 L6 3.0L	48	570	1, 50	—	430-5993	—
2006 L6 3.0L Optional	49	570	1, 50	—	307-0751	—
2005-02 L6 3.0L	94R	640	1, 23	—	430-6005	430-6004
2001 L6 3.0L	94R	765	1, 23	—	430-6005	430-6004
<b>330i xDrive</b>						
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80	—	430-6004	—
2017 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>330e</b>						
2017-16 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>335d</b>						
2011-09 L6 3.0L Diesel	48	570	1, 8, 24, 50, 139	—	430-5993	—
2011-09 L6 3.0L Diesel, Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—

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30 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (31) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (32)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2011-09 L6 2.5L	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
<b>335i</b>						
2015-14 L63.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-07 L63.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2013-07 L63.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2013-07 L63.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>335i xDrive</b>						
2015-14 L63.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-09 L6 3.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2013-09 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2013-09 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>335is</b>						
2013-11 L63.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2013-11 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2013-11 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>335xi</b>						
2008-07 L63.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2008-07 L6 3.0L Optional	49	720	1, 8, 24, 50, 139	—	307-0751	—
2008-07 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>340i, 340i xDrive</b>						
2017 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2016 L63.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>525 Series (Includes i, xi)</b>						
2007-06 L63.0L	95R	850	1, 8, 50, 139	—	430-6006	—
2007-06 L6 3.0L Optional	49	720	1, 8, 50, 139	—	307-0751	—
2007-06 L6 3.0L Optional	94R	640	1, 8, 50, 139	—	430-6005	430-6004

MAKE (31) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (32)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-04 L62.5L	94R	640	1,24,50	—	430-6005	430-6004
2005-04 L62.5L Optional	49	720	1,24,50	—	307-0751	—
2005 L62.5L Optional	49	900	1,24,50	—	307-0751	—
2003-02 L62.5L	94R	640	1,23,24	—	430-6005	430-6004
2003-02 L62.5L Optional	49	720	1,23,24	—	307-0751	—
2001 L62.5L	49	850	1,23,24	—	307-0751	—
<b>528i</b>						
2013 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2012 L42.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2011-10 L6 3.0L Optional	94R	800	1, 8, 50, 80, 139	—	430-6004	—
2009-08 L63.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2009-08 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2009-08 L6 3.0L Optional	95R	850	1, 8, 50, 139	—	430-6006	—
2000-97 L62.8L	49	850	1	—	307-0751	—
<b>528i xDrive</b>						
2013 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2012 L42.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2010 L6 3.0L Optional	94R	800	1, 8, 50, 80, 139	—	430-6004	—
2009 L63.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2009 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2009 L6 3.0L Optional	94R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>528xi</b>						
2008 L63.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2008 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2008 L6 3.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>530i</b>						

31 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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32 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (33) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (34)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2007-04 L6 3.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2007-04 L63.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2007-04 L63.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
2003-02 L63.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2003-02 L63.0L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2003-01 L63.0L	49	720	1, 8, 23, 24, 139	—	307-0751	—
<b>530xi</b>						
2007-06 L6 3.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2007-06 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2007-06 L6 3.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>535 Series (Includes i, is)</b>						
2013-11 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2010-08 L6 3.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2010-08 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2010-08 L6 3.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>535i xDrive</b>						
2013-11 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2010-09 L6 3.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2010-09 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2010-09 L6 3.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>535xi</b>						
2008 L63.0L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2008 L6 3.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2008 L6 3.0L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>540 Series (Includes i, i xdrive)</b>						
2003-02 V8 4.4L	49	720	1, 23, 24	—	307-0751	—
2001-97 V8 4.4L	49	850	1, 139	—	307-0751	—
<b>545i</b>						

MAKE (33) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (34)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-04 V8 4.4L Optional	49	720	1, 8, 23, 24	—	307-0751	—
2005 V8 4.4L	95R	850	1, 8, 23, 24, 139	—	430-6006	—
2005 V8 4.4L Optional	94R	640	1, 24, 50	—	430-6005	430-6004
2005 V8 4.4L Optional	94R	765	1, 24, 50	—	430-6005	430-6004
2004 V8 4.4L	95R	850	1, 24, 50	—	430-6006	—
2004 V8 4.4L Optional	94R	640	1, 8, 23, 24	—	430-6005	430-6004
<b>550i</b>						
2010-06 V8 4.8L	49	720	1, 8, 24, 50, 139	—	307-0751	—
2010-06 V8 4.8L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
2010-06 V8 4.8L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>645Ci</b>						
2005-04 V8 4.4L	95R	850	1, 24, 50, 139	—	430-6006	—
<b>650i</b>						
2007-06 V8 4.8L Optional	95R	850	1, 8, 24, 50, 139	—	430-6006	—
<b>740i, 740il</b>						
2001 V8 4.4L	95R	850	1, 46	—	430-6006	—
<b>745i, 745Li</b>						
2003 V8 4.4L	95R	800	1, 24, 50	—	430-6006	—
2002 V8 4.4L	95R	850	1, 24, 50	—	430-6006	—
2002 V8 4.4L Optional	95R	800	1, 23, 47	—	430-6006	—
<b>750iL</b>						
2001 V12 5.4L	95R	850	1, 46	—	430-6006	307-0751
2001 V12 5.4L Auxiliary Battery	48	650	1, 46	—	430-5993	—
1999 V12 5.4L Auxiliary Battery	48	650	1, 46	—	430-5993	—
<b>750Li</b>						
2008-06 V8 4.8L	49	720	1, 24, 50, 139	—	307-0751	—
<b>760i</b>						
2006 V12 6.0L	49	720	1, 8, 24, 50	—	307-0751	—
2005-04 V12 6.0L	49	900	1, 8, 50	—	307-0751	—
<b>760Li</b>						

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34 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (35) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (36)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (35) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (36)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2008-06 V126.0L	49	720	1, 8, 24, 50	—	307-0751	—	2013-12 V8 4.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2005-03 V126.0L	49	900	1, 8, 50	—	307-0751	—	2011 V8 4.0L	48	570	1, 8, 24, 139	—	430-5993	—
<b>840ci</b>							2011 V8 4.0L Optional	49	720	1, 8, 24, 139	—	307-0751	—
1997-96 V84.4L	93	800	1	—	430-6003	—	2011 V8 4.0L Optional	94R	640	1, 8, 24, 139	—	430-6005	430-6004
1997-96 V84.4L Optional	91	600	1	—	430-6001	430-6000	2010-08 V8 4.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
<b>850 Series (Includes ci, csi, i)</b>							2010-08 V8 4.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—
1997-96 V125.4L	93	800	1	—	430-6003	—	2010-08 V8 4.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
1997-96 V125.4L Optional	91	600	1	—	430-6001	430-6000	2006 L63.2L	48	570	1, 46	—	430-5993	—
<b>ActiveHybrid 3</b>							2005-02 L63.2L	94R	640	1, 46	—	430-6005	430-6004
2015 L6 3.0L Hybrid	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2001 L63.2L	94R	765	1, 46	—	430-6005	430-6004
2014 L6 3.0L Hybrid	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	L63.2L Exc Conv	92	650	1, 46	—	430-6002	430-6001
2013 L6 3.0L Hybrid	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	1997-96 L63.2L	92	650	1, 46	—	430-6002	430-6001
<b>ActiveHybrid 5</b>							<b>M5</b>						
2013-12 L63.0L Hybrid, Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2010-06 V105.0L	49	720	1, 8, 23, 24, 139	—	307-0751	—
<b>Alpina B7, B7 xDrive</b>							2010-06 V105.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2008-07 V8 4.4L	49	720	1, 139	—	307-0751	—	2010-06 V105.0L Optional	95R	850	1, 8, 23, 24, 139	—	430-6006	—
<b>M235i</b>							2003 V85.0L	95R	800	1	—	430-6006	—
2016-15 L63.0L Coupe	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2002-01 V85.0L	95R	850	1	—	430-6006	—
2014 L63.0L	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	<b>X1</b>						
<b>M235i xDrive</b>							2017-16 L42.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2016 L63.0L Coupe	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2015 L42.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2015 L63.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2015 L42.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>M240 Series (includes i, i xDrive)</b>							2015 L42.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2017 L63.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2015 L63.0L	48	570	1, 8, 24, 50, 139	—	430-5993	—
2017-16 L63.0L	94R	800	1, 8, 24, 50, 80	—	430-6004	—	2015 L63.0L Optional	94R	640	1, 8, 24, 50, 139	—	430-6005	430-6004
<b>M3</b>							2015 L63.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-12 V84.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—	2014-13 L63.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—
2013-12 V84.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—	2014-13 L63.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—

35 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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36 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (37) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (38)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (37) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (38)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2014-12 L4 2.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—	2006-04 L6 2.5L	48	570	1, 23, 139	—	430-5993	—
2014-12 L4 2.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2005-04 L6 2.5L Optional	49	720	1, 23, 139	—	307-0751	—
2014 L4 2.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004	<b>X4</b>						
2014 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004	2017-16 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013-12 L4 2.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004	2017-16 L6 3.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2013 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004	2015 L6 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
<b>X3</b>							2015 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2017-16 L4 2.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	<b>X5</b>						
2017-16 L4 2.0L Diesel	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2013-12 V8 4.4L Optional	48	570	1, 8, 24, 50, 139	—	430-5993	—
2017-16 L6 3.0L	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2013-11 L6 3.0L Gas, Optional	48	570	1, 8, 24, 50, 139	—	430-5993	—
2017 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2013-09 L6 3.0L Diesel, Optional	48	570	1, 8, 24, 50, 139	—	430-5993	—
2015 L4 2.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2010 V8 4.4L Optional	48	570	1, 8, 24, 50, 139	—	430-5993	—
2015 L6 3.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—	2006-05 V8 4.4L	49	720	1, 23, 139	—	307-0751	—
2014-13 L4 2.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2006-05 V8 4.4L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2013 L6 3.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2006-05 V8 4.8L	49	720	1, 8, 23, 24, 139	—	307-0751	—
2012-11 L6 3.0L 2979cc, Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2006-05 V8 4.8L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2012-11 L6 3.0L 2996cc, Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—	2006 L6 3.0L	49	720	1, 6, 139	—	307-0751	—
2010 L6 3.0L 2996cc	48	570	1, 8, 23, 24, 139	—	430-5993	—	2006 L6 3.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004
2010 L6 3.0L 2996cc, Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—	2005 L6 3.0L	49	720	1, 8, 23, 24, 46	—	307-0751	—
2009-04 L6 3.0L	48	570	1, 8, 23, 24, 139	—	430-5993	—	2004-02 L6 3.0L	94R	640	1, 6, 46	—	430-6005	430-6004
2009-04 L6 3.0L Optional	49	720	1, 8, 23, 24, 139	—	307-0751	—	2004 V8 4.4L	49	720	1, 46	—	307-0751	—
							2004 V8 4.8L	49	720	1, 8, 23, 24, 46	—	307-0751	—
							2004 V8 4.8L Optional	94R	640	1, 8, 23, 24, 46	—	430-6005	430-6004
							2003 V8 4.4L	49	740	1, 46	—	307-0751	—
							2003 V8 4.6L	49	740	1, 46	—	307-0751	—
							2002 L6 3.0L Optional	49	720	1, 6, 46	—	307-0751	—

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38 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (39) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (40)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2002 V84.4L	49	720	1, 46	—	307-0751	—
2002 V84.6L	49	720	1, 46	—	307-0751	—
2001-00 V84.4L	49	850	1, 46	—	307-0751	—
2001 L63.0L	94R	765	1, 6, 46	—	430-6005	430-6004
<b>X6</b>						
2017-16 L6 3.0L Optional	48	570	1, 8, 24, 50,139	—	430-5993	—
2017-11 V84.4L Optional	48	570	1, 8, 24, 50,139	—	430-5993	—
2015 L6 3.0L	48	570	1, 8, 24, 50,139	—	430-5993	—
2014 L6 3.0L Optional	48	570	1, 8, 23, 24, 50, 139	—	430-5993	—
2013-08 L6 3.0L Optional	48	570	1, 8, 24, 50,139	—	430-5993	—
2010 V84.4L Gas, Optional	48	570	1, 8, 24, 50,139	—	430-5993	—
2009-08 V84.4L Optional	48	570	1, 8, 24, 50,139	—	430-5993	—
<b>Z3</b>						
2002 L62.5L	48	570	1,139	—	430-5993	—
2002 L63.0L	48	570	1,139	—	430-5993	—
2002 L63.0L	48	570	1,139	—	430-5993	—
2001-99 L62.5L	48	650	1,139	—	430-5993	—
2001-98 L63.0L	48	650	1,139	—	430-5993	—
2001 L63.0L	48	650	1,139	—	430-5993	—
2000-97 L62.8L	48	650	1,139	—	430-5993	—
1998-96 L41.9L	48	650	1,139	—	430-5993	—
<b>Z4</b>						
2016-15 L42.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2016-15 L63.0L Optional	94R	800	1, 8, 24, 50, 80, 139	—	430-6004	—
2014-12 L42.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—
2014-09 L63.0L Optional	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—
2010 L63.0L Option- al, Turbo	94R	800	1, 8, 23, 24, 80, 139	—	430-6004	—
2008-06 L63.0L Optional	48	570	1, 8, 23, 24, 139	—	430-5993	—
2008-06 L63.0L Optional	94R	640	1, 8, 23, 24, 139	—	430-6005	430-6004

MAKE (39) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (40)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-04 L6 2.5L Exc Telematics	48	570	1, 46	—	430-5993	—
2005-04 L6 2.5L Telematics	94R	640	1, 46	—	430-6005	430-6004
2005-03 L63.0L Exc Telematics	48	570	1, 24, 46	—	430-5993	—
2005-03 L6 3.0L Optional Telematics	94R	640	1, 24, 46	—	430-6005	430-6004
2003 L6 2.5L	48	570	1, 46	—	430-5993	—
<b>Z8</b>						
2003 V84.8L	49	740	1, 24, 139	—	307-0751	—
2003 V85.0L	49	740	1, 24, 139	—	307-0751	—
2002 V85.0L	49	720	1, 24, 139	—	307-0751	—
2001-00 V85.0L	49	850	1, 24, 139	—	307-0751	—
<b>BUICK</b>						
<b>Allure</b>						
2010 V63.0L	48	615		—	430-5993	430-6001
2010 V63.6L	48	615		—	430-5993	430-6001
2009-05 V63.8L	34	750		—	430-5997 {243}	—
2008-05 V63.6L	34	680		—	430-5997 {243}	—
<b>Cascada</b>						
2017-16 L41.6L	94R	800	80	—	430-6004	—
<b>Century</b>						
2005-97 V63.1L	78	600		—	369-9957	7X-6100
1996 L42.2L	75	525		—	7X-6100	250-0489
1996 V63.1L	75	525		—	7X-6100	—
<b>Commercial Chassis</b>						
1996 V85.7L	78	690		—	369-9957	7X-6100
<b>Enclave</b>						
2017-10 V63.6L	48	660	1, 252	—	430-5993	—
2009-08 V63.6L	48	730	1, 252	—	430-5993	—
<b>Envision</b>						
2017 L42.0L	94R	730	1,80	—	430-6004	—
2017 L42.5L	94R	730	1,80	—	430-6004	—
2016 L42.0L Start Stop	94R	730	1,80	—	430-6004	—
<b>LaCrosse</b>						
2017 V63.6L	94R	730	80, 139	—	430-6004	—

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40 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (41) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (42)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2016-10	V6 3.6L	48	615		—	430-5993	—
2011-10	L4 2.4L	48	615		—	430-5993	—
2010	V6 3.0L	48	615	1	—	430-5993	—
2009-08	V6 3.8L	34	720		—	430-5997 {243}	—
2008	V6 3.6L	34	720		—	430-5997 {243}	—
2007	V6 3.6L	34	750		—	430-5997 {243}	—
2007	V6 3.8L	34	750		—	430-5997 {243}	—
2006	V6 3.6L	34	690		—	430-5997 {243}	—
2006	V6 3.8L	34	690		—	430-5997 {243}	—
2005	V6 3.6L	34	680		—	430-5997 {243}	—
2005	V6 3.8L	34	680		—	430-5997 {243}	—
<b>Lesabre</b>							
1999-96	V6 3.8L	78	690		—	369-9957	7X-6100
1997	V6 3.8L Optional	78	770		—	127-0826	430-5997
<b>Lucerne</b>							
2011-09	V6 3.9L	94R	720	1, 41	—	430-6005	430-6004
2011-09	V8 4.6L	94R	720	1, 41	—	430-6005	430-6004
2008	V6 3.8L	48	730	1, 41	—	430-5993	—
2008	V8 4.6L	48	730	1, 41	—	430-5993	—
<b>Park Avenue</b>							
2005-3	V6 3.8L Exc Super charged	34	690		—	250-0486	127-0826
2005-03	V6 3.8L Super charged	34	770		—	127-0826	430-5997
2002-98	V6 3.8L Exc Super charged	78	690		—	369-9957	7X-6100
2002-98	V6 3.8L Super charged	78	770		—	127-0826	430-5997
1997-96	V6 3.8L	78	690		—	369-9957	7X-6100
1997-96	V6 3.8L Optional	78	770		—	127-0826	430-5997
<b>Rainier</b>							
2007-04	L6 4.2L	78	600	11	—	369-9957	—
2007-04	V8 5.3L	78	600	11	—	369-9957	—
<b>Regal</b>							

MAKE (41) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (42)	PREMI- UM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2017-15	L4 2.4L	48	615		—	430-5993	430-6001
2017-11	L4 2.0L	48	615		—	430-5993	430-6001
2012-11	L4 2.4L	48	615		—	430-5993	430-6001
2004	V6 3.8L Exc Super charged	78	600		—	369-9957	7X-6100
2003-97	V6 3.8L Exc Super charged	78	690		—	369-9957	7X-6100
1996	V6 3.1L	78	600		—	369-9957	7X-6100
1996	V6 3.8L	78	690		—	369-9957	7X-6100
<b>Rendezvous</b>							
2007-06	V6 3.5L	78	600		—	369-9957	7X-6100
2006	V6 3.6L	34	600		—	430-5997 {243}	—
2006	V6 3.6L Optional	34	690		—	430-5997 {243}	—
2005-04	V63.6L	78	600		—	369-9957	7X-6100
2005-02	V6 3.4L	78	600		—	369-9957	7X-6100
<b>Roadmaster</b>							
1996	V8 5.7L	78	600		—	369-9957	7X-6100
<b>Skylark</b>							
1998-96	L4 2.4L	75	600		—	7X-6100	—
1998-96	V6 3.1L	75	600		—	7X-6100	—
<b>Terraza</b>							
2007-06	V6 3.9L	34	600	43	—	430-5997 {243}	—
2006-05	V6 3.5L	34	600	43	—	430-5997 {243}	—
<b>Verano</b>							
2017-13	L4 2.4L	48	615		—	430-5993	—
2016-13	L4 2.0L	48	615		—	430-5993	—
2012	L4 2.4L	48	615		—	430-5993	430-6001
<b>CADILLAC</b>							
<b>ATS</b>							
2017	L42.0L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2017	L4 2.5L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2017	V6 3.6L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2016	L42.0L Start Stop	94R	730	1, 80	—	430-6004	—

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42 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (43) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (44)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016 L42.5L Start Stop	94R	730	1, 80	—	430-6004	—
2016 V63.6L Start Stop	94R	730	1, 80	—	430-6004	—
2015-13 L42.0L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2015-13 L42.5L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2015-13 V63.6L Start Stop	94R	730	1, 80, 139	—	430-6004	—
<b>Catera</b>						
2001-97 V6 3.0L	91	600	151	—	430-6001	430-6000
<b>Commercial Chassis</b>						
1996 V85.7L	78	770		—	127-0826	430-5997
<b>CTS</b>						
2017 L42.0L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2017 V63.6L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2017 V86.2L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2016-15 L42.0L Start Stop	94R	730	1, 80	—	430-6004	—
2016 V63.6L Start Stop	94R	730	1, 80	—	430-6004	—
2016 V86.2L Start Stop	94R	730	1, 80	—	430-6004	—
2015-14 V63.6L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2015-14 V63.6L w/o Start Stop	48	660	1, 139	—	430-5993	—
2015-14 V86.2L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2015 L42.0L w/o Start Stop	48	660	1	—	430-5993	—

MAKE (43) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (44)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2015 V86.2L w/o Start Stop	48	660	1, 139	—	430-5993	—
2014 L4 2.0L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2014 L4 2.0L w/o Start Stop	48	660	1, 254	—	430-5993	—
2014 V63.0L Start Stop	94R	730	1, 80, 139	—	430-6004	—
2014 V63.0L w/o Start Stop	48	660	254	—	430-5993	—
2014 V86.2L w/o Start Stop	48	660	254	—	430-5993	—
2013-10 V63.0L	48	660	1, 139	—	430-5993	—
2013-10 V63.6L	48	660	1, 139	—	430-5993	—
2013-10 V86.2L	48	660	1, 139	—	430-5993	—
2009-08 V63.6L	48	730	1	—	430-5993	—
2009 V86.2L	48	730	1	—	430-5993	—
2007-06 V86.0L	101	540		—	430-6009	
2007-05 V62.8L	101	540		—	430-6009	
2007-04 V63.6L	101	540		—	430-6009	
2005-04 V85.7L	101	540		—	430-6009	
2004-03 V63.2L	101	540		—	430-6009	
<b>Deville, Coupe DeVille, Sedan DeVille</b>						
1997-96 V84.6L	78	770		—	127-0826	430-5997
<b>DTS</b>						
2011-09 V84.6L	94R	720	1, 41	—	430-6005	430-6004
2008 V84.6L	48	730	1, 41	—	430-5993	—
<b>Eldorado (Includes Special)</b>						
2002-96 V84.6L	78	770		—	127-0826	430-5997
<b>ELR</b>						
<b>Escalade</b>						
2017-15 V86.2L	94R	720		—	430-6005	430-6004
2015-09 V86.2L Optional	48	730		—	430-5993	—
2014-12 V86.2L	48	660		—	430-5993	430-6001
2013-12 V86.0L Hybrid	48	660		—	430-5993	430-6001
2013-09 V86.0L Hybrid, Optional	48	730		—	430-5993	—
2011-10 V86.2L	48	615		—	430-5993	430-6001
2011-09 V86.0L Hybrid	48	615		—	430-5993	430-6001

43 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

44 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (45) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (46)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009 V8 6.2L w/Flex Fuel	48	615		—	430-5993	430-6001
2008-07 V8 6.2L	48	615		—	430-5993	430-6001
2006-02 V8 6.0L	78	600		—	369-9957	7X-6100
2005-02 V8 5.3L	78	600		—	369-9957	7X-6100
2000-99 V8 5.7L	78	600		—	369-9957	7X-6100
2000-99 V8 5.7L Optional	78	690		—	369-9957	7X-6100
<b>Escalade ESV</b>						
2017-15 V8 6.2L	94R	720		—	430-6005	430-6004
2015-09 V8 6.2L Optional	48	730		—	430-5993	—
2014 V8 6.2L	48	660		—	430-5993	430-6001
2013-12 V8 6.2L w/Flex Fuel	48	660		—	430-5993	430-6001
2011-09 V8 6.2L w/Flex Fuel	48	615		—	430-5993	430-6001
2008-07 V8 6.2L	48	615		—	430-5993	430-6001
2006-03 V8 6.2L	78	600		—	369-9957	7X-6100
<b>Escalade EXT</b>						
2013-12 V8 6.2L w/Flex Fuel	48	660		—	430-5993	430-6001
2013-09 V8 6.2L Optional	48	730		—	430-5993	—
2011-09 V8 6.2L w/Flex Fuel	48	615		—	430-5993	430-6001
2008-07 V8 6.2L	48	615		—	430-5993	430-6001
2006-02 V8 6.2L	78	600		—	369-9957	7X-6100
<b>Fleetwood (Includes 75 &amp; Special)</b>						
1996 V8 5.7L	78	690		—	369-9957	7X-6100
<b>SRX</b>						
2016-12 V6 3.6L	48	660		—	430-5993	—
2011-09 V6 2.8L	48	615		—	430-5993	—
2011-10 V6 3.0L	48	615		—	430-5993	—
2010 V6 2.8L	48	615		—	430-5993	430-6001
2009-08 V6 3.6L	48	730		—	430-5993	—
2009-08 V8 4.6L	48	730		—	430-5993	—
2007-04 V6 3.6L	101	540		—	430-6009	—
2007-04 V8 4.6L	101	540		—	430-6009	—
<b>STS</b>						
2011-10 V6 3.6L	48	660		—	430-5993	—
2010 V8 4.6L	48	660		—	430-5993	—
2009-08 V6 3.6L	48	730		—	430-5993	—

MAKE (45) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (46)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009-08 V8 4.4L	48	730		—	430-5993	—
2009-08 V8 4.6L	48	730		—	430-5993	—
2007-06 V8 4.4L	101	540		—	430-6009	—
2007-05 V6 3.6L	101	540		—	430-6009	—
2007-05 V8 4.6L	101	540		—	430-6009	—
<b>Seville</b>						
1997-96 V8 4.6L	78	770		—	127-0826	430-5997
<b>XLR</b>						
2007-06 V8 4.4L	90	590	1	—	430-6000	—
2007-06 V8 4.6L	90	590	1	—	430-6000	—
<b>XTS</b>						
2017-13 V6 3.6L	48	660		—	430-5993	—
<b>XT5</b>						
2017 V63.6L Start Stop	94R	730	80	—	430-6004	—
<b>CHEVROLET</b>						
<b>Astro Van</b>						
2005-96 V6 4.3L Exc SEO	78	600		—	369-9957	7X-6100
2005-96 V6 4.3L SEO or Opt	78	770		—	127-0826	430-5997
<b>Avalanche (Includes 1500, 2500)</b>						
2013-09 V8 5.3L Optional	48	730	1, 41	—	430-5993	—
2013-07 V8 5.3L	48	615	1, 41	—	430-5993	430-6001
2009-07 V8 6.0L	48	615		—	430-5993	430-6001
2009 V8 6.0L Optional	48	730		—	430-5993	—
2006-02 V8 5.3L	78	600		—	369-9957	7X-6100
2006-02 V8 8.1L	78	600		—	369-9957	7X-6100
2005-02 V8 5.3L Optional	78	770		—	127-0826	430-5997
2005-02 V8 8.1L Optional	78	770		—	127-0826	430-5997
<b>Aveo, Aveo5</b>						
2011-04 L4 1.6L	86	550		—	8C-3600	—
<b>Beretta, Corsica</b>						
1996 L4 2.2L	75	525		—	7X-6100	—
1996 L4 2.2L Optional	75	600		—	7X-6100	—
1996 V6 3.1L	75	600		—	7X-6100	—
<b>Blazer</b>						
2005-96 V6 4.3L	75	525		—	7X-6100	250-0489
2005-96 V6 4.3L Optional	75	690		—	7X-6100	—
<b>C &amp; K Pickups</b>						

45 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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46 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (47) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (48)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2002-01 V88.1L	78	630		—	369-9957	7X-6100
2002-01 V88.1L Optional	78	690		—	369-9957	7X-6100
2000-97 V86.5L Diesel	78	600	15	—	369-9957	7X-6100
2000-97 V86.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
2000-96 V8 5.7L	78	600		—	369-9957	7X-6100
2000 V8 5.7L Optional	78	690		—	369-9957	7X-6100
2000 V87.4L	78	600		—	369-9957	7X-6100
2000 V87.4L Optional	78	690		—	369-9957	7X-6100
1999-96 V85.0L	78	630		—	369-9957	7X-6100
1999 V85.0L	78	600		—	369-9957	7X-6100
1999 V87.4L Police & Optional	78	770		—	127-0826	430-5997
1999 V87.4L Primary Battery	78	600		—	369-9957	7X-6100
1999 V87.4L Primary Battery	78	630		—	369-9957	7X-6100
1998-96 V64.3L	78	600		—	369-9957	7X-6100
1998-96 V87.4L	78	600		—	369-9957	7X-6100
1998-96 V87.4L	78	630		—	369-9957	7X-6100
1996 V86.5L Diesel	78	690	15	—	369-9957	7X-6100
1996 V86.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
<b>C &amp; K Suburbans, Suburbans (1500-3500)</b>						
2017-16 V86.0L	94R	720		—	430-6005	430-6004
2017 V85.3L	94R	720		—	430-6005	430-6004
2016-15 V85.3L	94R	720		—	430-6005	430-6004
2014-12 V85.3L	48	660		—	430-5993	430-6001
2014-09 V85.3L Optional	48	730		—	430-5993	—
2013-02 V86.0L	48	660		—	430-5993	430-6001
2013-09 V86.0L Optional	48	730		—	430-5993	—
2011-07 V85.3L	48	615		—	430-5993	430-6001
2011-07 V86.0L	48	615		—	430-5993	430-6001
2006-01 V88.1L	78	600		—	369-9957	7X-6100
2006-00 V85.3L	78	600		—	369-9957	7X-6100
2006-00 V86.0L	78	600		—	369-9957	7X-6100
2006 V86.0L Optional	78	690		—	369-9957	7X-6100

MAKE (47) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (48)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-03 V85.3L Optional	78	770		—	127-0826	430-5997
2005-03 V86.0L Optional	78	770		—	127-0826	430-5997
2005-03 V88.1L Optional	78	770		—	127-0826	430-5997
2002-01 V88.1L Optional	78	690		—	369-9957	7X-6100
2002-00 V85.3L Optional	78	690		—	369-9957	7X-6100
2002-00 V86.0L Optional	78	690		—	369-9957	7X-6100
2000 V85.3L Police & Optional	78	770		—	127-0826	430-5997
2000 V86.0L Police & Optional	78	770		—	127-0826	430-5997
1999-97 V86.5L Diesel	78	600	15	—	369-9957	7X-6100
1999-96 V85.7L	78	600		—	369-9957	7X-6100
1999-96 V86.5L Diesel	78	690	15	—	369-9957	7X-6100
1999-96 V86.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
1999 V86.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
1999 V87.4L Police & Optional	78	770		—	127-0826	430-5997
1999 V87.4L Primary Battery	78	600		—	369-9957	7X-6100
1998-96 V87.4L	78	600		—	369-9957	7X-6100
1998-96 V87.4L	78	630		—	369-9957	7X-6100
1997 V8 6.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
<b>Camaro</b>						
2015-14 V87.0L	48	730	1, 139	—	430-5993	—
2015-11 V63.6L	94R	720	1, 139	—	430-6005	430-6004
2015-10 V86.2L	94R	720	1, 139	—	430-6005	430-6004
2010 V63.6L	94R	720	139	—	430-6005	430-6004
2002-96 V63.8L	75	690		—	7X-6100	—
2002-96 V85.7L	75	525		—	7X-6100	—
<b>Caprice</b>						
2016 V63.6L Police Pkg	94R	700	139	—	430-6005	430-6004

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48 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (49) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (50)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (49) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (50)	PREMIUM HIGH OUTPUT	GENERAL DUTY				
					(U.S. Only)							(U.S. Only)				
2016	V86.0L Police Pkg	94R	700	139	—	430-6005	430-6004	2012-10	V8 7.0L	90	590	1, 139	—	430-6000	—	
2013-12	V63.6L Police Pkg	94R	765	1, 139	—	430-6005	430-6004	2010	V8 6.2L Z52	90	590	1, 139	—	430-6000	—	
2013-11	V86.0L Police Pkg	94R	765	1, 139	—	430-6005	430-6004	2009	V8 6.2L Z52	90	590	1	—	430-6000	—	
1996	V8 4.3L	78	600		—	369-9957	7X-6100	2009	V8 7.0L	90	590	1	—	430-6000	—	
1996	V8 5.7L Optional, SEO	78	770		—	127-0826	430-5997	2008-07	V8 7.0L	90	600	1	—	430-6000	—	
1996	V8 5.7L Primary Battery	78	600		—	369-9957	—	2007	V8 6.0L	90	600	1	—	430-6000	—	
<b>Captiva Sport</b>							2006	V8 6.0L	90	590	1	—	430-6000	—		
2015-12	L4 2.4L	48	615		—	430-5993	430-6001	2006	V8 7.0L	90	590	1	—	430-6000	—	
2012	V6 3.0L	48	660		—	430-5993	430-6001	2000-97	V8 5.7L	78	600		—	369-9957	7X-6100	
<b>Cavalier</b>							1996	V85.7L	75	525		—	7X-6100	—		
2005-96	L4 2.2L	75	525		—	7X-6100	—	1996	V8 5.7L 16 Valve	75	525		—	7X-6100	—	
2002-96	L4 2.4L	75	600		—	7X-6100	—	<b>Cruze</b>								
2002	L4 2.2L Optional	75	600		—	7X-6100	—	2017-16	L4 1.4L Start Stop	94R	730	1, 80, 139	—	430-6004	—	
<b>Classic</b>							2017-16	L4 1.4L w/o Start Stop	47	525		1, 139	—	430-6000	—	
2005-04	L4 2.2L	75	525		—	7X-6100	—	2017-16	L4 1.4L w/o Start Stop & Optional	48	615		1, 139	—	430-5993	430-6001
<b>Cobalt</b>							2015-14	L4 2.0L Diesel	94R	730	80	—	—	430-6004	—	
2010	L4 2.0L	90	590	1, 139, 260	—	430-6000	—	2015-11	L4 1.4L	47	525		—	430-6000	—	
2010	L4 2.2L	90	590	1, 139, 260	—	430-6000	—	2015-11	L4 1.8L	47	525		—	430-6000	—	
2009-08	L4 2.2L	90	590	1, 260	—	430-6000	—	<b>Cruze Limited</b>								
2009	L4 2.0L	90	590	1, 260	—	430-6000	—	2016	L4 1.4L	94R	730	80	—	430-6004	—	
2008-05	L4 2.0L	90	600	1, 260	—	430-6000	—	2016	L4 1.8L	48	615		—	430-5993	430-6001	
2008	L4 2.4L	90	590	1, 260	—	430-6000	—	<b>Epica</b>								
2007-06	L4 2.4L	90	600	1, 260	—	430-6000	—	2006-04	L6 2.5L Canada	34	600		—	430-5997 {243}	—	
2007-05	L4 2.2L	90	600	1, 260	—	430-6000	—	<b>Equinox</b>								
<b>Colorado</b>							2017-15	V6 3.6L	48	660		—	430-5993	—		
2017-15	L4 2.5L	48	615		—	430-5993	430-6001	2014	V6 3.6L Gas	48	660		—	430-5993	—	
2017-15	V6 3.6L	48	615		—	430-5993	430-6001	2013	V6 3.6L	48	660		—	430-5993	—	
<b>Corvette</b>							2012	V6 3.0L	48	660		—	430-5993	—		
2017-14	V8 6.2L	48	615	1, 139	—	430-5993	430-6001	2011-10	V6 3.0L	48	615		—	430-5993	430-6001	
2013	V8 6.2L Vin (W) Z52 & Vin (T)	90	590	1, 139	—	430-6000	—	2006-05	V6 3.4L	75	600		—	7X-6100	—	
2013	V8 7.0L Z52	90	590	1, 139	—	430-6000	—	<b>Express Van (Includes 1500, 2500, 3500)</b>								
2012-11	V8 6.2L ZR1	90	590	1, 139	—	430-6000	—	2017-03	V8 4.8L	78	600		—	369-9957	7X-6100	
								2017-03	V8 6.0L	78	600		—	369-9957	7X-6100	
								2016-07	V8 6.6L Diesel	78	770	15	—	127-0826	430-5997	
								2014-03	V8 5.3L	78	600		—	369-9957	7X-6100	

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50 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE <sup>(51)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (52)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2014-96	V64.3L	78	600		—	369-9957	7X-6100
2010	V86.0L	78	675		—	369-9957	7X-6100
2002-01	V88.1L	78	600		—	369-9957	7X-6100
2002-96	V85.0L	78	600		—	369-9957	7X-6100
2002-96	V85.7L	78	600		—	369-9957	7X-6100
2002-96	V86.5L Diesel	78	600	15	—	369-9957	7X-6100
2002	V64.3L Optional	78	770		—	127-0826	430-5997
2002	V85.0L Optional	78	770		—	127-0826	430-5997
2002	V85.7L Optional	78	770		—	127-0826	430-5997
2002	V86.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
2002	V88.1L Optional	78	770		—	127-0826	430-5997
2001-00	V64.3L Optional	78	690		—	369-9957	7X-6100
2001-00	V85.0L Optional	78	690		—	369-9957	7X-6100
2001-00	V85.7L Optional	78	690		—	369-9957	7X-6100
2001-00	V86.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
2001	V88.1L Optional	78	690		—	369-9957	7X-6100
2000-96	V87.4L	78	600		—	369-9957	7X-6100
2000	V87.4L Optional	78	690		—	369-9957	7X-6100
<b>Express 4500</b>							
2016	V86.0L w/Flex Fuel	78	600	24, 179	—	369-9957	7X-6100
2016	V86.6L Diesel	78	770	24, 179	—	127-0826	430-5997
<b>G Series Van (Includes 1500, 2500, 3500)</b>							
1996	V64.3L	78	600		—	369-9957	7X-6100
1996	V85.7L	78	600		—	369-9957	7X-6100
1996	V86.5L Diesel	78	630	15	—	369-9957	7X-6100
1996	V87.4L	78	630		—	369-9957	7X-6100
<b>HHR</b>							
2011-10	L42.2L	90	600	1, 139	—	430-6000	—
2011-10	L42.4L	90	600	1, 139	—	430-6000	—
2010	L42.0L	90	600	1, 139	—	430-6000	—
2009-08	L42.0L	90	600	1	—	430-6000	—
2009-06	L42.2L	90	600	1	—	430-6000	—
2009-06	L42.4L	90	600	1	—	430-6000	—
<b>Impala</b>							
2017	L42.5L Start Stop	94R	730	80	—	430-6004	—
2017	V63.6L Exc Police	48	615		—	430-5993	430-6001
2017	V63.6L Police Pkg	34	720		—	430-5997 {243}	—
2016-14	L42.5L w/o Start Stop	48	615		—	430-5993	430-6001
2016-12	V63.6L Exc Police	34	600		—	430-5997 {243}	—
2016-12	V63.6L Police Pkg	34	720		—	430-5997 {243}	—
2014	L42.4L Hybrid	48	615		—	430-5993	430-6001
2014	V63.6L Exc Police	48	615		—	430-5993	430-6001
2011-10	V63.9L Exc Police	34	600		—	430-5997 {243}	—
2011-10	V63.9L Police Pkg	34	720		—	430-5997 {243}	—
2011-08	V63.5L	34	600		—	430-5997 {243}	—
2009	V63.9L	34	600		—	430-5997 {243}	—
2008	V63.9L	34	720		—	430-5997 {243}	—
2007-06	V63.5L	34	690		—	430-5997 {243}	—
2007-06	V63.9L	34	750		—	430-5997 {243}	—
2005-01	V63.4L	78	600	6	—	369-9957	7X-6100
2005-00	V63.8L	78	600	6	—	369-9957	7X-6100
2005	V63.8L Optional	78	690	6	—	369-9957	7X-6100
2002-00	V63.8L Optional	78	690		—	369-9957	7X-6100
2000	V63.4L Optional	78	600	6	—	369-9957	7X-6100
2000	V63.4L Optional	78	690		—	369-9957	7X-6100

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52 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (53) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (54)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1996 V8 5.7L	78	600	6	—	369-9957	7X-6100
<b>Lumina</b>						
2001-96 V6 3.1L	78	600	42	—	369-9957	7X-6100
1999-98 V6 3.8L	78	690	42	—	369-9957	7X-6100
1997-96 V6 3.4L	78	690	42	—	369-9957	7X-6100
<b>Lumina APV</b>						
1996 V6 3.4L	75	525	43	—	7X-6100	—
<b>Malibu</b>						
2017 L4 1.8L Hybrid	47	525		—	430-6000	—
2017 L4 2.0L	48	660		—	430-5993	430-6001
2016 L4 2.0L	48	660		—	430-5993	—
2015 L4 2.0L	47	525		—	430-6000	—
2014-13 L4 2.4L Hybrid	47	525		—	430-6000	—
2014 L4 2.0L	47	525	139	—	430-6000	—
2013 L4 2.0L	47	525		—	430-6000	—
2013 L4 2.5L Start Stop	47	525		—	430-6000	—
2012-09 L4 2.4L	90	590		—	430-6000	430-6007
2012-08 V6 3.6L	90	590		—	430-6000	430-6007
2010-08 V6 3.5L	90	590		—	430-6000	430-6007
2008 L4 2.2L	90	590		—	430-6000	430-6007
2008 L4 2.4L Gas	90	590		—	430-6000	430-6007
2008 L4 2.4L Hybrid	90	590		—	430-6000	430-6007
2007-04 L4 2.2L	75	525		—	7X-6100	—
2007 V6 3.5L	75	690		—	7X-6100	—
2007 V6 3.9L	75	690		—	7X-6100	—
2006-04 V6 3.5L	75	525		—	7X-6100	—
2006 V6 3.9L	75	590		—	7X-6100	—
2003-97 V6 3.1L	75	600		—	7X-6100	—
1999-97 L4 2.4L	75	600		—	7X-6100	—
<b>Metro</b>						
2001-98 L4 1.3L	26R	390		—	369-9958	250-0489 {32}
2000-98 L3 1.0L	26R	390		—	369-9958	250-0489 {32}
<b>Monte Carlo</b>						
2007 V6 3.5L	34	600		—	430-5997 {243}	—
2006 V6 3.5L	34	600		—	430-5997 {243}	—
2006 V6 3.9L	34	750		—	430-5997 {243}	—
2005-00 V6 3.4L	78	600	42	—	369-9957	7X-6100

MAKE (53) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (54)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003-98 V6 3.8L	78	600	42	—	369-9957	7X-6100
2000 V6 3.4L Optional	78	690	42	—	369-9957	7X-6100
2000 V6 3.8L Optional	78	690	42	—	369-9957	7X-6100
1999-96 V6 3.1L	78	600	42	—	369-9957	7X-6100
1997-96 V6 3.4L	78	600	42	—	369-9957	7X-6100
<b>Orlando</b>						
2014-12 L4 2.4L	48	615		—	430-5993	430-6001
<b>P Series Step Van</b>						
1999-96 V6 4.3L	78	600		—	369-9957	7X-6100
1999-96 V8 5.7L	78	600		—	369-9957	7X-6100
1999-96 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
1999-96 V8 7.4L	78	600		—	369-9957	7X-6100
<b>Prizm</b>						
2002-98 L4 1.8L	35	310		—	250-0487	369-9958
<b>S10 - Pickup</b>						
2004-03 V6 4.3L	75	525		—	7X-6100	250-0489
2004-03 V6 4.3L Optional	75	690		—	7X-6100	—
2003-96 L4 2.2L	75	525		—	7X-6100	250-0489
2003 L4 2.2L Optional	75	690		—	7X-6100	—
2002 V6 4.3L	75	690		—	7X-6100	—
2001-00 V6 4.3L Optional	75	690		—	7X-6100	—
2001-96 V6 4.3L	75	525		—	7X-6100	250-0489
2000 L4 2.2L Optional	75	690		—	7X-6100	—
1999 --L Electric	75	525		—	7X-6100	250-0489
1997 --L Electric	75	525		—	7X-6100	250-0489
<b>Silverado Pickup (Includes 1500, 2500, 3500)</b>						
2017-16 V8 6.2L	94R	720		—	430-6005	430-6004
2017-15 V8 5.3L	94R	720		—	430-6005	430-6004
2017-14 V6 4.3L	48	730		—	430-5993	—
2017 V8 6.0L	94R	720		—	430-6005	430-6004
2017 V8 6.6L Diesel	48	730	15	—	430-5993	—
2016 V8 6.0L	94R	720		—	430-6005	430-6004
2016 V8 6.6L Diesel	94R	720	15	—	430-6005	430-6004
2015-14 V8 6.0L Primary Battery	94R	720		—	430-6005	430-6004
2015-08 V8 6.6L Diesel	48	730	15	—	430-5993	—

53 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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54 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (55) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (56)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (55) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (56)	PREMIUM HIGH OUTPUT	GENERAL DUTY			
					(U.S. Only)							(U.S. Only)			
2015	V86.2L Primary Battery	94R	720		—	430-6005	430-6004	2007	V86.0L Late Model	48	615	—	430-5993	430-6001	
2014	V85.3L	94R	720		—	430-6005	430-6004		V86.6L Diesel, Early Model	78	770	15	—	127-0826	430-5997
2014	V86.2L Primary Battery	94R	720		—	430-6005	430-6004		V86.6L Diesel, Late Model	48	615	15	—	430-5993	430-6001
2013-09	V64.3L Optional	48	730		—	430-5993	—		V88.1L Early Model	78	600	—	369-9957	7X-6100	
2013-09	V84.8L Optional	48	730		—	430-5993	—		V88.1L Late Model	48	615	—	430-5993	430-6001	
2013-09	V85.3L Optional	48	730		—	430-5993	—		V88.1L Early Model	78	600	—	369-9957	7X-6100	
2013-09	V86.0L Optional	48	730		—	430-5993	—		V88.1L Late Model	48	615	—	430-5993	430-6001	
2013-09	V86.2L	48	615		—	430-5993	430-6001	2006-01	V88.1L	78	600	—	369-9957	7X-6100	
2013-09	V86.2L Optional	48	730		—	430-5993	—	2006-99	V64.3L	78	600	—	369-9957	7X-6100	
2013-08	V64.3L	48	615		—	430-5993	430-6001	2006-99	V84.8L	78	600	—	369-9957	7X-6100	
2013-08	V84.8L	48	615		—	430-5993	430-6001	2006-99	V85.3L	78	600	—	369-9957	7X-6100	
2013-08	V85.3L	48	615		—	430-5993	430-6001	2006-99	V86.0L	78	600	—	369-9957	7X-6100	
2013-08	V86.0L	48	615		—	430-5993	430-6001	2005-01	V88.1L Optional	78	770	—	127-0826	430-5997	
2013	V86.0L Hybrid	48	730		—	430-5993	—	2005-99	V64.3L Optional	78	770	—	127-0826	430-5997	
2012-10	V86.0L Hybrid	48	615		—	430-5993	430-6001	2005-99	V84.8L Optional	78	770	—	127-0826	430-5997	
2012-10	V86.0L Hybrid, Optional	48	730		—	430-5993	—	2005-99	V85.3L Optional	78	770	—	127-0826	430-5997	
2007-01	V86.6L Diesel	78	770	15	—	127-0826	430-5997	2005-99	V86.0L Optional	78	770	—	127-0826	430-5997	
2007	V64.3L Early Model	78	600		—	369-9957	7X-6100	2002-01	V86.6L Diesel	78	600	15	—	369-9957	7X-6100
2007	V64.3L Late Model	48	615		—	430-5993	430-6001	2002-01	V86.6L Diesel, Optional	78	770	15	—	127-0826	430-5997
2007	V84.8L Early Model	78	600		—	369-9957	7X-6100	<b>SSR (Super Sport Roadster)</b>							
2007	V84.8L Late Model	48	615		—	430-5993	430-6001	2006-05	V86.0L	78	600	—	369-9957	7X-6100	
2007	V85.3L Early Model	78	600		—	369-9957	7X-6100	2005	V86.0L Optional	78	770	—	127-0826	430-5997	
2007	V85.3L Late Model	48	615		—	430-5993	430-6001	2004-03	V85.3L	78	600	—	369-9957	7X-6100	
2007	V86.0L Early Model	78	600		—	369-9957	7X-6100	2004	V85.3L Optional	78	770	—	127-0826	430-5997	
2007	V86.0L Early Model	78	600		—	369-9957	7X-6100	<b>Tahoe</b>							
2017	V85.3L	94R	720		—	430-6005	430-6004	2017	V85.3L	94R	720	—	430-6005	430-6004	
2016-15	V85.3L	94R	720		—	430-6005	430-6004	2016-15	V85.3L	94R	720	—	430-6005	430-6004	
2015-09	V85.3L Optional	48	730		—	430-5993	—	2015-09	V85.3L Optional	48	730	—	430-5993	—	
2014-12	V85.3L	48	660		—	430-5993	430-6001	2014-12	V85.3L	48	660	—	430-5993	430-6001	

**55 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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56 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (57) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (58)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2013-12 V8 6.0L Hybrid	48	660		—	430-5993	430-6001
2013-12 V8 6.0L Hybrid Optional	48	730		—	430-5993	—
2011-09 V8 6.0L Hybrid	48	730		—	430-5993	—
2011-08 V8 6.0L Hybrid	48	615		—	430-5993	430-6001
2011-07 V8 5.3L	48	615		—	430-5993	430-6001
2009-08 V8 6.2L	48	615		—	430-5993	430-6001
2009-08 V8 6.2L Optional	48	730		—	430-5993	—
2009-07 V8 4.8L	48	615		—	430-5993	430-6001
2009 V8 4.8L Optional	48	730		—	430-5993	—
2006-00 V8 4.8L	78	600		—	369-9957	7X-6100
2006-00 V8 5.3L	78	600		—	369-9957	7X-6100
2005-03 V8 4.8L Optional	78	770		—	127-0826	430-5997
2005-03 V8 5.3L Optional	78	770		—	127-0826	430-5997
2002-00 V8 4.8L Optional	78	690		—	369-9957	7X-6100
2001-00 V8 5.3L Optional	78	690		—	369-9957	7X-6100
2000-96 V8 5.7L	78	600		—	369-9957	7X-6100
2000 V8 5.7L Optional	78	690		—	369-9957	7X-6100
1999 V8 6.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
1998-97 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
1998-96 V8 6.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
<b>Tracker</b>						
2002-99 L4 1.6L	85	550		—	369-9958	—
2002-99 L4 2.0L	85	550		—	369-9958	—
1998 L4 1.6L	26R	550	17	—	369-9958	250-0489 {32}
<b>TrailBlazer</b>						
2009-06 V8 6.0L	78	600	11	—	369-9957	—
2009-02 L6 4.2L	78	600	11	—	369-9957	—
2008-06 V8 5.3L	78	600	11	—	369-9957	—
<b>TrailBlazer EXT</b>						
2006-03 V8 5.3L	78	600	11	—	369-9957	—
2006-02 L6 4.2L	78	600	11	—	369-9957	—
2005-03 V8 5.3L	78	600	11	—	369-9957	—
<b>Traverse</b>						
2017 V6 3.6L	48	600	1,302	—	430-5993	—
2016 V6 3.6L	48	600	1	—	430-5993	—
2015-14 V6 3.6L	48	600	1,266	—	430-5993	—
2013 V6 3.6L	48	600	1,184	—	430-5993	—
2012-10 V6 3.6L	48	600	1,266	—	430-5993	—
2009 V6 3.6L	48	600	1,266	—	430-5993	—
<b>Trax</b>						
2017-13 L4 1.4L	47	525		—	430-6000	—
<b>Uplander</b>						
2009-06 V6 3.9L	34	600	43	—	430-5997 {243}	—
2006-05 V6 3.5L	34	600	43	—	430-5997 {243}	—
<b>Venture</b>						
2005-97 V6 3.4L	78	600	43	—	369-9957	7X-6100
<b>CHRYSLER</b>						
200						
2017-16 L4 2.4L Optional	94R	730		—	430-6005	430-6004
2017-16 V6 3.6L Optional	94R	730		—	430-6005	430-6004
2017-15 L4 2.4L	48	600		—	430-5993	430-6001
2017-15 V6 3.6L	48	600		—	430-5993	430-6001
2015 L4 2.4L Optional	94R	730		—	430-6005	430-6004
2015 V6 3.6L Optional	94R	730		—	430-6005	430-6004
2014-11 L4 2.4L	86	525	249	—	8C-3600	—
2014-11 V6 3.6L	86	525	249	—	8C-3600	—
<b>300 Series (Except 300C, 300M)</b>						
2017 V6 3.6L	94R	730	1,139	—	430-6005	430-6004
2017 V8 5.7L	94R	730	1,139	—	430-6005	430-6004
2016 V6 3.6L	94R	730	1	—	430-6005	430-6004
2016 V8 5.7L	94R	730	1	—	430-6005	430-6004
2015-11 V6 3.6L	94R	730	1,139	—	430-6005	430-6004
2015-10 V8 5.7L	94R	730	1,139	—	430-6005	430-6004
2014-12 V8 6.4L	94R	730	1,139	—	430-6005	430-6004
2010-05 V6 3.5L	94R	730	1,139	—	430-6005	430-6004
2010 V6 2.7L	94R	730	1,139	—	430-6005	430-6004
2010 V8 6.1L	94R	730	1,139	—	430-6005	430-6004
2009-08 V6 2.7L	94R	730	1,139, 276	—	430-6005	430-6004
2009-08 V8 5.7L	94R	730	1,139, 376	—	430-6005	430-6004
2009-08 V8 6.1L	94R	730	1,139, 276	—	430-6005	430-6004

57 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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58 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (59) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (60)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2007-05 V6 2.7L	94R	730	1, 139	—	430-6005	430-6004
2007-05 V8 5.7L	94R	730	1, 139	—	430-6005	430-6004
2007-05 V8 6.1L	94R	730	1, 139	—	430-6005	430-6004
<b>300M</b>						
2004-02 V6 3.5L	34	600	45	—	250-0486	127-0826
2001-99 V6 3.5L	34	600	40	—	250-0486	127-0826
<b>Aspen</b>						
2009-08 V8 4.7L	65	750	276	230-6368	9X-5408	430-5998
2009-08 V8 5.7L	65	750	276	230-6368	9X-5408	430-5998
2007 V8 4.7L	65	750		230-6368	9X-5408	430-5998
2007 V8 5.7L	65	750		230-6368	9X-5408	430-5998
<b>Cirrus</b>						
2000-99 L4 2.4L	75	510	40	—	7X-6100	—
2000 L4 2.0L	75	510	251	—	7X-6100	—
2000 V6 2.5L	75	510	251	—	7X-6100	—
1999-96 V6 2.5L	75	510	40	—	7X-6100	—
1997-96 L4 2.4L	75	510	40	—	7X-6100	—
<b>Concorde</b>						
2004-02 V6 2.7L	34	500	251	—	8C-3600	250-0486
2004-02 V6 3.5L	34	600	251	—	250-0486	127-0826
2001-98 V6 2.7L	34	500	40	—	8C-3600	250-0486
2001-98 V6 3.2L	34	600		—	250-0486	127-0826
1997-96 V6 3.5L	34	600		—	250-0486	127-0826
1996 V6 3.3L	34	600		—	250-0486	127-0826
<b>Crossfire</b>						
2008 V6 3.2L	48	700		—	430-5993	—
2007-06 V6 3.2L	48	640	1	—	430-5993	—
2007-06 V6 3.2L Optional	48	700	1	—	430-5993	—
2005 V6 3.2L	48	700		—	430-5993	—
2004 V6 3.2L	48	580		—	430-5993	—
<b>Grand Voyager, Voyager</b>						
2003-01 V6 3.3L	34	600	249	—	250-0486	127-0826
2003-00 L4 2.4L	34	600	249	—	250-0486	127-0826
2000 V6 3.0L	34	500	249	—	8C-3600	250-0486
2000 V6 3.3L	34	500	249	—	8C-3600	250-0486
2000 V6 3.3L Optional	34	600	249	—	250-0486	127-0826
<b>Intrepid</b>						
2004-03 V6 2.7L Optional	34	600	40	—	250-0486	127-0826
2004-03 V6 3.5L	34	600	40	—	250-0486	127-0826
2004-98	34	500	40	—	8C-3600	250-0486
2002-00 V6 3.5L	34	600		—	250-0486	127-0826
2001-98 V6 3.2L	34	600		—	250-0486	127-0826
1997-96 V6 3.3L	34	600		—	250-0486	127-0826

MAKE (59) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (60)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1997-96 V6 3.5L	34	600		—	250-0486	127-0826
<b>LHS</b>						
2001-99 V6 3.5L	34	600	40	—	250-0486	127-0826
1997-96 V6 3.5L	34	600		—	250-0486	127-0826
<b>Neon</b>						
2002-00 L4 2.0L	26R	450		—	369-9958	—
<b>New Yorker (See Also Fifth Avenue)</b>						
1996 V6 3.5L	34	600		—	250-0486	127-0826
<b>Pacifica</b>						
2017 V6 3.6L Gas	94R	750		—	430-6005	430-6004
2008-07 V6 3.8L	34	600		—	430-5997 {243}	—
2008-07 V6 4.0L	34	600		—	430-5997 {243}	—
2006-05 V6 3.5L	34	600		—	430-5997 {243}	—
2005 V6 3.8L	34	600		—	430-5997 {243}	—
2004 V6 3.5L	34	500		—	8C-3600	430-5997 {243}
<b>Prowler</b>						
2002-01 V6 3.5L	34	525	251	—	8C-3600	430-5997 {243}
<b>PT Cruiser</b>						
2010-03 L4 2.4L	26R	510	45	—	369-9958	—
2002-01 L4 2.4L	26R	540	45	—	369-9958	—
<b>Sebring</b>						
2010 L4 2.4L	86	525	40	—	8C-3600	—
2010 V6 2.7L	86	525	40	—	8C-3600	—
2010 V6 3.5L	86	525	40	—	8C-3600	—
2009-08 L4 2.4L	86	525	40, 276	—	8C-3600	—
2009-08 V6 2.7L	86	525	40, 276	—	8C-3600	—
2009-08 V6 3.5L	86	525	40, 276	—	8C-3600	—
2007 L4 2.4L	86	525	40	—	8C-3600	—
2007 V6 2.7L	86	525	40	—	8C-3600	—
2007 V6 3.5L	86	525	40	—	8C-3600	—
2006 L4 2.4L	75	510	40	—	7X-6100	—
2006 V6 2.7L	75	510	40	—	7X-6100	—
2005 L4 2.4L Conv. Or Sedan	75	510	40	—	7X-6100	—
2005 L4 2.4L Coupe	75	510	40	—	7X-6100	—
2005 L4 2.4L Coupe	86	525	40	—	8C-3600	—
2005 V6 2.7L Conv. Or Sedan	75	510	40	—	7X-6100	—

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60 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (61) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (62)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005	V6 2.7L Coupe	86 525	40	—	8C-3600	—
2005	V6 3.0L Conv. Or Sedan	75 510	40	—	7X-6100	—
2005	V6 3.0L Coupe	86 525	40	—	8C-3600	—
2004-03	V6 2.7L Conv. Or Sedan	75 510	251	—	7X-6100	—
2004-03	V6 3.0L Conv. Or Sedan	75 510	251	—	7X-6100	—
2004-01	L4 2.4L Coupe	86 525	40	—	8C-3600	—
2004-01	V6 2.7L Coupe	86 525	251	—	8C-3600	—
2004-01	V6 3.0L Coupe	86 525	251	—	8C-3600	—
2004	L4 2.4L Conv	75 510	251	—	7X-6100	—
2004	L4 2.4L Sedan	75 510	40	—	7X-6100	—
2003	L4 2.4L Conv. Or Sedan	75 510	251	—	7X-6100	—
2003	L4 2.4L Conv. Or Sedan	75 510	40	—	7X-6100	—
2003	L4 2.4L Coupe	86 525		—	8C-3600	—
2002	L4 2.4L Conv	75 510	251	—	7X-6100	—
2002	L4 2.4L Sedan	75 510	40	—	7X-6100	—
2002	V6 2.7L Conv	75 510	251	—	7X-6100	—
2002	V6 2.7L Sedan	75 510	251	—	7X-6100	—
2002	V6 3.0L Conv	75 510	251	—	7X-6100	—
2002	V6 3.0L Sedan	75 510	251	—	7X-6100	—
2001	L4 2.4L Conv. Or Sedan	75 510	251	—	7X-6100	—
2001	L4 2.4L Conv. Or Sedan	75 510	40	—	7X-6100	—
2001	V6 2.7L Conv. Or Sedan	75 510	251	—	7X-6100	—

MAKE (61) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (62)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2001	V6 3.0L Conv. Or Sedan	75 510	251	—	7X-6100	—
2000	V6 2.5L Conv	75 510	251	—	7X-6100	—
2000	V6 2.5L Exc Conv	86 525	251	—	8C-3600	—
1998-98	L4 2.0L	86 525		—	8C-3600	—
1999-96	V6 2.5L Conv	75 510	40	—	7X-6100	—
1999-96	V6 2.5L Exc Conv	86 525		—	8C-3600	—
1998	L4 2.4L w/AT	75 510	40	—	7X-6100	—
1998	L4 2.5L w/MT	86 525		—	8C-3600	—
1997-96	L4 2.0L w/AT	86 525		—	8C-3600	—
1997-96	L4 2.0L w/MT	86 430		—	8C-3600	250-0489
1997-96	L4 2.4L w/AT	86 525		—	8C-3600	—
1997-96	L4 2.5L w/MT	86 430		—	8C-3600	250-0489
<b>Town &amp; Country</b>						
2016-15	V6 3.6L	94R 730		—	430-6005	430-6004
2014	V6 3.6L w/Flex Fuel	94R 730		—	430-6005	430-6004
2013-12	V6 3.6L	94R 730		—	430-6005	430-6004
2011	V6 3.6L	94R 700		—	430-6005	430-6004
2010	V6 3.3L	34 600		—	250-0486	127-0826
2010	V6 3.8L	34 600		—	250-0486	127-0826
2010	V6 4.0L	34 600		—	250-0486	127-0826
2009-08	V6 3.3L	34 600	276	—	250-0486	127-0826
2009-08	V6 3.8L	34 600	276	—	250-0486	127-0826
2009-08	V6 4.0L	34 600	276	—	250-0486	127-0826
2007-98	V6 3.3L Optional	34 600		—	250-0486	127-0826
2007-96	V6 3.3L	34 500		—	8C-3600	250-0486
2007	V6 3.8L	34 600		—	250-0486	127-0826
2006-03	V6 3.8L Optional	34 600		—	250-0486	127-0826
2006-00	V6 3.8L	34 500		—	8C-3600	250-0486
2001	V6 3.8L Optional	34 600		—	250-0486	127-0826
1999-97	V6 3.8L	34 600		—	250-0486	127-0826
1996	V6 3.8L	34 500		—	8C-3600	250-0486
<b>DAEWOO</b>						
<b>Lanos</b>						

61 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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62 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (63) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (64)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2002-99 L4 1.5L	86	525	5	—	8C-3600	—
2002-99 L4 1.6L	86	525	5	—	8C-3600	—
<b>DODGE</b>						
<b>B Series Vans</b>						
1998-96 V6 3.9L	27	600		153-5656	8C-3601	3T-5857
1998-96 V8 5.2L	27	600		153-5656	8C-3601	3T-5857
1998-96 V8 5.9L	27	600		153-5656	8C-3601	3T-5857
<b>Caravan, Grand Caravan</b>						
2017-12 V6 3.6L	94R	730		—	430-6005	430-6004
2011 V6 3.6L	94R	700		—	430-6005	430-6004
2010 V6 3.3L	34	600		—	250-0486	127-0826
2010 V6 3.8L	34	600		—	250-0486	127-0826
2010 V6 4.0L	34	600		—	250-0486	127-0826
2009-08 V6 3.3L	34	600	276	—	250-0486	127-0826
2009-08 V6 3.8L	34	600	276	—	250-0486	127-0826
2009-08 V6 4.0L	34	600	276	—	250-0486	127-0826
2007 L4 2.4L	34	600		—	250-0486	127-0826
2007 V6 3.3L	34	600		—	250-0486	127-0826
2007 V6 3.8L	34	600		—	250-0486	127-0826
2006-05 L4 2.4L Optional	34	600		—	250-0486	127-0826
2006-03 L4 2.4L	34	500		—	8C-3600	250-0486
2006-03 V6 3.3L Optional	34	600		—	250-0486	127-0826
2006-03 V6 3.8L	34	500		—	8C-3600	250-0486
2006-03 V6 3.8L Optional	34	600		—	250-0486	127-0826
2006-96 V6 3.3L	34	500		—	8C-3600	250-0486
2003 L4 2.4L Optional	34	600		—	250-0486	127-0826
2002-96 L4 2.4L	34	600		—	250-0486	127-0826
2002-96 V6 3.8L	34	600		—	250-0486	127-0826
2001 V6 3.3L Optional	34	600		—	250-0486	127-0826
2000-96 V6 3.0L	34	500		—	8C-3600	250-0486
1999-96 L4 2.4L Optional	34	685		—	250-0486	127-0826
1999-96 V6 3.0L Optional	34	685		—	250-0486	127-0826
1999-96 V6 3.8L Optional	34	685		—	250-0486	127-0826
<b>Challenger</b>						
2017-15 V8 6.2L	94R	730	1, 139		430-6005	430-6004
2017-11 V6 3.6L	94R	730	1, 139	—	430-6005	430-6004
2017-11 V8 6.4L	94R	730	1, 139	—	430-6005	430-6004
2017-10 V8 5.7L	94R	730	1, 139	—	430-6005	430-6004
2010 V6 3.5L	94R	730	1, 139	—	430-6005	430-6004

MAKE (63) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (64)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2010 V8 6.1L	94R	730	1, 139	—	430-6005	430-6004
2009-08 V8 6.1L	94R	730	1, 139, 276	—	430-6005	430-6004
2009 V6 3.5L	94R	730	1, 139, 276	—	430-6005	430-6004
2009 V8 5.7L	94R	730	1, 139, 276	—	430-6005	430-6004
<b>Charger</b>						
2017 V6 3.6L	49	800	1	—	307-0751	—
2017 V8 5.7L	49	800	1	—	307-0751	—
2017 V8 6.2L	49	800	1	—	307-0751	—
2017 V8 6.4L	49	800	1	—	307-0751	—
2016-15 V8 6.2L	94R	730	1, 139	—	430-6005	430-6004
2016-12 V8 6.4L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2016-12 V8 6.4L Police Pkg	49	800	1, 139	—	307-0751	—
2016-11 V6 3.6L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2016-11 V6 3.6L Police Pkg	49	800	1, 139	—	307-0751	—
2016-11 V8 5.7L Police Pkg	49	800	1, 139	—	307-0751	—
2016-10 V8 5.7L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2010 V6 2.7L	94R	730	1, 139	—	430-6005	430-6004
2010 V6 3.5L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2010 V6 3.5L Police Pkg	49	850	1, 139	—	307-0751	—
2010 V6 3.5L Police Pkg	49	850	1, 139	—	307-0751	—
2010 V8 5.7L Police Pkg	49	850	1, 139	—	307-0751	—
2010 V8 6.1L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2010 V8 6.1L Police Pkg	49	850	1, 139	—	307-0751	—
2009-08 V6 2.7L	94R	730	1, 139	—	430-6005	430-6004

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64 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (65) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (66)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009-08 V6 3.5L Exc Police	94R	730	1, 139, 276	—	430-6005	430-6004
2009-08 V8 5.7L Exc Police	94R	730	1, 139, 276	—	430-6005	430-6004
2009-08 V8 6.1L Exc Police	94R	730	1, 139, 276	—	430-6005	430-6004
2009 V6 3.5L Police Pkg	49	800	1, 139, 276	—	307-0751	—
2009 V8 5.7L Police Pkg	49	800	1, 139, 276	—	307-0751	—
2009 V8 6.1L Police Pkg	49	800	1, 139, 276	—	307-0751	—
2008 V6 3.5L Police Pkg	49	850	1, 139, 276	—	307-0751	—
2008 V8 5.7L Police Pkg	49	850	1, 139, 276	—	307-0751	—
2008 V8 6.1L Police Pkg	49	850	1, 139, 276	—	307-0751	—
2007-06 V6 2.7L	94R	730	1, 139	—	430-6005	430-6004
2007-06 V6 3.5L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2007-06 V6 3.5L Police Pkg	49	850	1, 139	—	307-0751	—
2007-06 V8 5.7L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2007-06 V8 5.7L Police Pkg	49	850	1, 139	—	307-0751	—
2007-06 V8 6.1L Exc Police	94R	730	1, 139	—	430-6005	430-6004
2007-06 V8 6.1L Police Pkg	49	850	1, 139	—	307-0751	—
<b>Dakota (also see RAM)</b>						
2010 V6 3.7L	65	600		230-6368	250-0484	9X-5408
2010 V6 3.7L Optional	65	750		230-6368	9X-5408	430-5998
2010 V8 4.7L	65	600		230-6368	250-0484	9X-5408
2010 V8 4.7L Optional	65	750		230-6368	9X-5408	430-5998

MAKE (65) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (66)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2009-08 V6 3.7L	65	600	276	230-6368	250-0484	9X-5408	
2009-08 V8 4.7L	65	600	276	230-6368	250-0484	9X-5408	
2009 V6 3.7L Optional	65	750	276	230-6368	9X-5408	430-5998	
2009 V8 4.7L Optional	65	750	276	230-6368	9X-5408	430-5998	
2007-05 V6 3.7L	65	600		230-6368	250-0484	9X-5408	
2007-05 V8 4.7L	65	600		230-6368	250-0484	9X-5408	
2006 V6 3.7L Optional	65	650		230-6368	250-0484	9X-5408	
2006 V8 4.7L Optional	65	650		230-6368	250-0484	9X-5408	
2005-04 V6 3.7L	27	600		153-5656	8C-3601	3T-5857	
2005-00 V8 4.7L	27	600		153-5656	8C-3601	3T-5857	
2004-01 V8 4.7L Optional	27	750		—	127-0826	430-5997	
2003-98 V8 5.9L	27	600		153-5656	8C-3601	3T-5857	
2003-98 V8 5.9L Optional	27	750		—	127-0826	430-5997	
2003-96 V6 3.9L	27	600		153-5656	8C-3601	3T-5857	
2003-96 V6 3.9L Optional	27	750		—	127-0826	430-5997	
2002-96 L4 2.5L	27	600		153-5656	8C-3601	3T-5857	
1999-96 L4 2.5L Optional	27	750		—	127-0826	430-5997	
1999-96 V8 5.2L	27	600		153-5656	8C-3601	3T-5857	
<b>Dart</b>							
2016-14 L4 1.4L	47	600		—	430-6000	—	
2016-14 L4 2.0L SE	47	600		—	430-6000	—	
2016-13 L4 2.0L Exc SE	48	600		—	430-5993	430-6001	
2013 L4 1.4L	48	600		—	430-5993	430-6001	
2013 L4 2.4L	48	600		—	430-5993	430-6001	
<b>Durango</b>							
2017 V6 3.6L w/o Start Stop	94R	800	1, 80	—	430-6004	250-0486	
2016 V6 3.6L	94R	730	1, 80	—	430-6004	127-0826	
2015-14 V6 3.6L	94R	730	1, 80 256	—	430-6004	127-0826	
2013-11 V6 3.6L	94R	700	1, 80 256	—	430-6004	250-0486	
2013-11 V8 5.7L	94R	700	1, 80 256	—	430-6004	127-0826	
2009-08 V6 3.7L	65	600	276	230-6368	250-0484	9X-5408	
2009-08 V8 4.7L	65	600	276	230-6368	250-0484	9X-5408	
2009 V6 3.7L Optional	65	750	276	230-6368	9X-5408	430-5998	

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66 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (67) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (68)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2009	V8 4.7L Optional	65	750	276	230-6368	9X-5408	430-5998
2009	V8 5.7L Exc Hybrid	65	600	276	230-6368	250-0484	9X-5408
2009	V8 5.7L Hybrid	90	500	276	—	430-6000	—
2009	V8 5.7L Optional	65	750	276	230-6368	9X-5408	430-5998
2008	V8 5.7L	65	600	276	230-6368	250-0484	9X-5408
2007-04	V6 3.7L	65	600		230-6368	250-0484	9X-5408
2007-04	V8 4.7L	65	600		230-6368	250-0484	9X-5408
2007-04	V8 5.7L	65	600		230-6368	250-0484	9X-5408
2006-04	V6 3.7L Optional	65	750		230-6368	9X-5408	430-5998
2006	V8 4.7L Optional	65	750		230-6368	9X-5408	430-5998
2006	V8 5.7L Optional	65	750		230-6368	9X-5408	430-5998
2003-00	V8 4.7L	27	600		153-5656	8C-3601	3T-5857
2003-00	V8 4.7L Optional	27	750		—	127-0826	430-5997
2003-98	V8 5.9L	27	600		153-5656	8C-3601	3T-5857
2003-98	V8 5.9L Optional	27	750		—	127-0826	430-5997
2000-98	V8 5.2L	27	600		153-5656	8C-3601	3T-5857
2000-98	V8 5.2L Optional	27	750		—	127-0826	430-5997
1999-98	V6 3.9L	27	600		153-5656	8C-3601	3T-5857
1999-98	V6 3.9L Optional	27	750		—	127-0826	430-5997
<b>Intrepid</b>							
2004-00	V6 2.7L	34	500	45	—	8C-3600	250-0486
2004-00	V6 3.5L	34	600	45	—	250-0486	127-0826
2000	V6 3.2L	34	600	45	—	250-0486	127-0826
1999-98	V6 2.7L	34	500	40	—	8C-3600	250-0486
1999-98	V6 3.2L	34	600	40	—	250-0486	127-0826
1997-96	V6 3.3L	34	600		—	250-0486	127-0826
1997-96	V6 3.5L	34	600		—	250-0486	127-0826
<b>Journey</b>							
2017	L4 2.4L	86	525	265	—	8C-3600	—
2017	V6 3.6L	86	525	265	—	8C-3600	—
2016	L4 2.4L	86	525		—	8C-3600	—
2016	V6 3.6L	86	525		—	8C-3600	—
2015-11	V6 3.6L	86	525	265	—	8C-3600	—
2015-09	L4 2.4L	86	525	265	—	8C-3600	—
2010-09	V6 3.5L	86	525	265	—	8C-3600	—
<b>Magnum</b>							

MAKE (67) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (68)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2008-06	V8 6.1L	94R	730	1, 139	—	430-6005	430-6004
2008-05	V6 2.7L	94R	730	1, 139	—	430-6005	430-6004
2008-05	V6 3.5L	94R	730	1, 139	—	430-6005	430-6004
2008-05	V8 5.7L	94R	730	1, 139	—	430-6005	430-6004
<b>Neon</b>							
2005-03	L4 2.4L	26R	450		—	369-9958	—
2005-00	L4 2.0L	26R	450		—	369-9958	—
1999-96	L4 2.0L	58	450	35	—	8C-3612	—
<b>Nitro</b>							
2011-10	V6 3.7L	34	600		—	430-5997 {243}	—
2011-10	V6 4.0L	34	600		—	430-5997 {243}	—
2009-08	V6 3.7L	34	600	276	—	430-5997 {243}	—
2009-08	V6 4.0L	34	600	276	—	430-5997 {243}	—
2007	V6 3.7L	34	600		—	430-5997 {243}	—
2007	V6 4.0L	34	600		—	430-5997 {243}	—
<b>Ram Pickup (also see RAM) (Includes 1500-3500)</b>							
2010	V6 3.7L	94R	700	276	—	430-6005	430-6004
2010	V8 4.7L	94R	700	276	—	430-6005	430-6004
2010	V8 5.7L	94R	700	276	—	430-6005	430-6004
2009	V6 3.7L 1500 Only, built in USA	94R	700	276	—	430-6005	430-6004
2009	V6 3.7L Mexico Built	65	700	276	230-6368	9X-5408	430-5998
2009	V8 4.7L 1500 Only, built in USA	94R	700	276	—	430-6005	430-6004
2009	V8 4.7L 1500 only, built in Mexico	65	600	276	230-6368	250-0484	9X-5408
2009	V8 4.7L Mexico Built	65	700	276	230-6368	9X-5408	430-5998
2009	V8 5.7L 1500 Only, built in USA	94R	700	276	—	430-6005	430-6004
2009	V8 5.7L Mexico Built	65	700	276	230-6368	9X-5408	430-5998

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68 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (69) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (70)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2008	V6 3.7L	65	600	276	230-6368	250-0484	9X-5408
2008	V8 4.7L	65	600	276	230-6368	250-0484	9X-5408
2008	V8 4.7L Optional	65	750	276	230-6368	9X-5408	430-5998
2008	V8 5.7L Mexico Built	65	650	276	230-6368	250-0484	9X-5408
2008	V8 5.7L Mexico Built	65	750	276	230-6368	9X-5408	430-5998
2008	V8 5.7L US Built	94R	625	276	—	430-6005	430-6004
2008	V8 5.7L US Built, Optional	94R	730	276	—	430-6005	430-6004
2007-06	V6 3.7L	65	600		230-6368	250-0484	9X-5408
2007-03	V8 4.7L	65	600		230-6368	250-0484	9X-5408
2007-03	V8 4.7L, Optional	65	750		230-6368	9X-5408	430-5998
2007-03	V8 5.7L	65	600		230-6368	250-0484	9X-5408
2007-03	V8 5.7L, Optional	65	750		230-6368	9X-5408	430-5998
2006-03	V6 3.7L Optional	65	750		230-6368	9X-5408	430-5998
2006	V10 8.3L	65	600		230-6368	250-0484	9X-5408
2006	V10 8.3L Optional	65	750		230-6368	9X-5408	430-5998
2005-04	V10 8.3L	65	750		230-6368	9X-5408	430-5998
2005-04	V6 3.7L	65	650		230-6368	250-0484	9X-5408
2005	V8 4.7L	65	650		230-6368	250-0484	9X-5408
2003	V6 3.7L	65	600		230-6368	250-0484	9X-5408
2003	V8 5.9L	27	600		153-5656	8C-3601	3T-5857
2003	V8 5.9L Optional	27	750		—	127-0826	430-5997
2002	V6 3.7L Early Model	27	750		—	127-0826	430-5997
2002	V6 3.7L Late Model	65	650		230-6368	250-0484	9X-5408
2002	V8 4.7L Early Model	27	750		—	127-0826	430-5997
2002	V8 4.7L Late Model	65	650		230-6368	250-0484	9X-5408
2002	V8 5.9L Early Model	27	750		—	127-0826	430-5997
2002	V8 5.9L Late Model	65	650		230-6368	250-0484	9X-5408

MAKE (69) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (70)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2001-00	V6 3.9L Optional	27	750		—	127-0826	430-5997
2001-00	V8 5.2L Optional	27	750		—	127-0826	430-5997
2001-96	V6 3.9L	27	600		153-5656	8C-3601	3T-5857
2001-96	V8 5.2L	27	600		153-5656	8C-3601	3T-5857
2001-96	V8 5.9L	27	600		153-5656	8C-3601	3T-5857
2007-05	V8 4.7L	27	750		—	127-0826	430-5997
<b>Ram Van (Includes 1500, 2500, 3500)</b>							
2010	L6 5.9L Diesel	94R	700	15	—	430-6005	430-6004
2010	L6 6.7L Diesel	94R	700	15	—	430-6005	430-6004
2010	L6 6.7L Diesel, Optional	94R	730	15	—	430-6005	430-6004
2010	V8 5.7L	94R	700		—	430-6005	430-6004
2009-08	L6 6.7L Diesel	65	750	15, 276	230-6368	9X-5408	430-5998
2009	L6 5.9L Diesel	65	750	15, 276	230-6368	9X-5408	430-5998
2009	V8 5.7L	65	600	276	230-6368	9X-5408	430-5997
2009	V8 5.7L Exc 1500	65	650	276	230-6368	250-0484	9X-5408
2008	V8 5.7L Mexico Built	65	625	276	230-6368	250-0484	9X-5408
2008	V8 5.7L US Built	94R	730	276	—	430-6005	430-6004
2008	V8 5.7L US Built, Optional	94R	750	276	—	430-6005	430-6004
2008	V8 5.9L Mexico Built	65	750	15, 276	230-6368	9X-5408	430-5998
2007-03	L6 5.9L Diesel	65	600	15	230-6368	9X-5408	430-5998
2007-03	V8 5.7L	65	750		230-6368	250-0484	9X-5408
2007-03	V8 5.7L Optional	65	600		230-6368	9X-5408	430-5998
2007	L6 6.7L Diesel	65	600	15	230-6368	9X-5408	430-5998
2003-99	V6 3.9L	27	600		153-5656	8C-3601	3T-5857
2003-99	V6 3.9L Optional	27	750		—	127-0826	430-5997
2003-99	V8 5.2L	27	600		153-5656	8C-3601	3T-5857
2003-99	V8 5.2L Optional	27	750		—	127-0826	430-5997
2003-96	V8 5.9L	27	600		153-5656	8C-3601	3T-5857
2003-96	V8 5.9L Optional	27	750		—	127-0826	430-5997

69 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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70 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (71) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (72)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2018-15 V10 8.0L	65	750		230-6368	9X-5408	430-5998
2003 V8 5.2L	65	600		230-6368	250-0484	9X-5408
2002 L6 5.9L Diesel, Early Model	27	750	15	—	127-0826	—
2002 L6 5.9L Diesel, Late Model	65	650	15	230-6368	250-0484	430-5998
2002 L6 5.9L Diesel, Optional	65	750	15	230-6368	9X-5408	9X-5408
2002 V10 8.0L Early Model	27	750		—	127-0826	9X-5408
2002 V10 8.0L Late Model	65	650		230-6368	250-0484	9X-5408
2002 V8 5.9L Early Model	27	750		—	127-0826	9X-5408
2002 V8 5.9L Late Model	65	650		230-6368	250-0484	9X-5408
2001-96 L6 5.9L Diesel	27	750	15	—	127-0826	430-5997
2001-96 V10 8.0L	27	750		—	127-0826	430-5997
1996 V8 5.2L	27	600		153-5656	8C-3601	3T-5857
<b>SX 2.0</b>						
2005-03 L4 2.0L Canada	26R	450		—	369-9958	—
<b>Sprinter (Includes 2500, 3500)</b>						
2009-07 V6 3.0L Diesel	49	850	1, 231	153-5656	8C-3601	3T-5857
2008-07 V6 3.5L	49	850	1, 231	—	127-0826	430-5997
2006-03 L5 2.7L Diesel	49	850	1, 231	153-5656	8C-3601	3T-5857
<b>Stealth</b>						
1996 V6 3.0L	25	520		—	250-0488	8C-3600
<b>Stratus</b>						
2006-01 L4 2.4L Sedan	34	500	45	—	8C-3600	250-0486
2006-01 V6 3.5L	34	600	45	—	250-0486	127-0826
2005-01 V6 3.2L	34	600	45	—	250-0486	127-0826
2005-01 V6 2.7L	34	500	40	—	8C-3600	250-0486
2005-01 V6 3.2L	34	600	40	—	250-0486	127-0826
2005-01 V6 3.3L	34	600		—	250-0486	127-0826

MAKE (71) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (72)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2002 V6 2.7L Sedan	86	510	40	—	8C-3600	—
2000-96 L4 2.0L	86	510	40	—	8C-3600	—
2000-96 L4 2.4L	75	510	40	—	7X-6100	—
2000 V6 2.5L	86	510	40	—	8C-3600	—
1999-96 V6 2.5L	86	525	40	—	8C-3600	—
<b>Viper</b>						
2017-15 V10 8.4L	90	590	1	—	430-6000	—
2010-08 V10 84.L	34	600	46	—	430-5997 {243}	—
2006-03 V10 8.3L	34	600	152	—	430-5997 {243}	—
2002-98 V10 8.0L	78	650	152	—	369-9957	—
<b>EAGLE CHRYSLER</b>						
<b>Summit</b>						
1996 L4 1.8L Wagon	25	355		—	250-0488	8C-3600
1996 L4 2.4L Wagon	24	490		53-5656	3T-5857	250-0488
<b>Talon</b>						
1998-96 L4 2.0L	86	525		—	8C-3600	250-0489
<b>Vision</b>						
1997-96 V6 3.3L	34	600		—	250-0486	127-0826
1997-96 V6 3.5L	34	600		—	250-0486	127-0826
<b>FERRARI</b>						
<b>California</b>						
2013 V8 4.3L	34R	450	1, 8, 139	—	369-9958	—
<b>FIAT</b>						
<b>124, 124 Spider, 131</b>						
2017 L4 1.4L	48	600		—	430-5993	430-6001
<b>500X</b>						
2016 L4 2.4L Optional	48	600		—	430-5993	430-6001
<b>FORD</b>						
<b>Aerostar</b>						
1997-96 V6 3.0L	65	650		230-6368	250-0484	9X-5408
1997-96 V6 4.0L	65	650		230-6368	250-0484	9X-5408
<b>Aspire</b>						
1997-96 L4 1.3L	35	460		—	250-0487	369-9958
<b>Bronco</b>						
1996 V8 5.0L	65	650		230-6368	250-0484	9X-5408
1996 V8 5.8L	65	650		230-6368	250-0484	9X-5408
<b>Contour</b>						
2000-98 L4 2.0L	40R	590		—	430-6001	—
2000-98 V6 2.5L	40R	590		—	430-6001	—
1997-96 L4 2.0L	96R	590		—	430-6007	430-6000

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72 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (73) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (74)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1997-96 L4 2.0L Optional	40R	650		—	430-6001	—
1997-96 V6 2.5L	40R	650		—	430-6001	—
<b>Crown Victoria (Includes LTD Version)</b>						
2011-07 V8 4.6L	65	650	276	230-6368	250-0484	9X-5408
2011-06 V8 4.6L Optional	65	750	276	230-6368	9X-5408	430-5998
2006-98 V8 4.6L US	65	650	276	230-6368	250-0484	9X-5408
2005-03 V8 4.6L Natural Gas	65	750	276	230-6368	9X-5408	430-5998
2005-03 V8 4.6L Police Pkg	65	750		230-6368	9X-5408	430-5998
2003-96 V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998
2002-96 V8 4.6L Natural Gas	65	850		230-6368	9X-5408	—
2003-96 V8 4.6L Police Pkg	65	850		230-6368	9X-5408	—
1997-96 V8 4.6L US	59	540		—	8C-3612	—
<b>E Series Vans</b>						
2018-17 V10 6.8L Auxiliary Battery	65	750	303	230-6368	9X-5408	430-5998
2018-17 V8 6.2L Primary Battery	65	650		230-6368	250-0484	9X-5408
2018-01 V10 6.8L Primary Battery	65	650		230-6368	250-0484	9X-5408
2018 V8 6.2L Auxiliary Battery	65	750	303	230-6368	9X-5408	430-5998
2017 V8 6.2L Auxiliary Battery	65	750	3	230-6368	9X-5408	430-5998
2016-97 V8 5.4L Primary Battery	65	650		230-6368	250-0484	9X-5408
2016 V10 6.8L Auxiliary Battery	65	750	3	230-6368	9X-5408	430-5998
2016 V10 6.8L Gas, Primary Battery	65	650		230-6368	250-0484	9X-5408

MAKE (73) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (74)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016 V8 5.4L Auxiliary Battery	65	750	3	230-6368	9X-5408	430-5998
2016 V8 5.4L Flex Fuel, Primary Battery	65	650		230-6368	250-0484	9X-5408
2014-97 V8 4.6L Primary Battery	65	650		230-6368	250-0484	9X-5408
2014 V8 4.6L w/ Flex Fuel	65	650	255	230-6368	250-0484	9X-5408
2014 V8 5.4L w/ Flex Fuel	65	650	255	230-6368	250-0484	9X-5408
2010-04 V8 6.0L Diesel	65	750	15	230-6368	9X-5408	430-5998
2003-97 V6 4.2L Primary Battery	65	650		230-6368	250-0484	9X-5408
2003-97 V8 7.3L Diesel	65	750	15	230-6368	9X-5408	430-5998
2002-99 V8 5.4L Optional	65	750		230-6368	9X-5408	430-5998
2002-97 V10 6.8L Primary Battery	65	750		230-6368	9X-5408	430-5998
2002-97 V6 4.2L Optional	65	750		230-6368	9X-5408	430-5998
2002-97 V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998
1996 L6 4.9L Optional	65	850		230-6368	9X-5408	—
1996 L6 4.9L Primary Battery	65	650		230-6368	250-0484	9X-5408
1996 V8 5.0L Primary Battery	65	650		230-6368	250-0484	9X-5408
1996 V8 5.8L Primary Battery	65	650		230-6368	250-0484	9X-5408
1996 V8 7.3L Diesel, Left Side	65	850		230-6368	9X-5408	—
1996 V8 7.5L Primary Battery	65	650		230-6368	250-0484	9X-5408
<b>Edge</b>						

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74 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (75) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (76)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2018-15 L4 2.0L w/o Start Stop	90	590		—	430-6000	—
2018-15 V6 2.7L	90	590		—	430-6000	—
2018-15 V6 3.5L	90	590		—	430-6000	—
2014-12 L4 2.0L w/Power Code Re- mote Start	65	650		230-6368	250-0484	9X-5408
2014-12 L4 2.0L w/o Power Code Re- mote Start	59	540		—	8C-3612	—
2014-11 V6 3.5L w/Power Code Re- mote Start	65	650		230-6368	250-0484	9X-5408
2014-11 V6 3.5L w/o Power Code Re- mote Start	59	540		—	8C-3612	—
2014-11 V6 3.7L w/Power Code Re- mote Start	65	650		230-6368	250-0484	9X-5408
2014-11 V6 3.7L w/o Power Code Re- mote Start	59	540		—	8C-3612	—
<b>Escape</b>						
2018-14 L4 2.5L	96R	590		—	430-6007	—
2018 L4 1.5L w/o Start Stop	96R	590	80	—	430-6007	—
2018 L4 2.0L w/o Start Stop	96R	590		—	430-6007	—
2017 L4 1.5L w/o In- telligent Access, Start Stop	96R	590		—	430-6007	—
2017 L4 2.0L w/o	96R	590		—	430-6007	—

MAKE (75) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (76)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016-15 L4 1.6L	96R	590		—	430-6007	—
2016-14 L4 2.0L	96R	590		—	430-6007	—
2014-13 L4 1.6L	96R	500		—	430-6007	—
2014-13 L4 1.6L Optional	96R	590		—	430-6007	—
2014-13 L4 2.0L	96R	500		—	430-6007	—
2014-13 L4 2.5L	96R	500		—	430-6007	—
2013 L4 2.0L Optional	96R	590		—	430-6007	—
2013 L4 2.5L Optional	96R	590		—	430-6007	—
2012-11 L4 2.5L Gas	96R	590		—	430-6007	—
2012-10 V6 3.0L	96R	590		—	430-6007	—
2012-09 L4 2.5L Hybrid	96R	500		—	430-6007	—
2010-09 L4 2.5L Gas	40R	590		—	430-6001	—
2010 L4 2.5L Gas	40R	650		—	430-6001	—
2010 L4 2.5L Gas, Optional	96R	590		—	430-6007	—
2010 V6 3.0L	40R	650		—	430-6001	—
2009-01 V6 3.0L	40R	590		—	430-6001	—
2008-05 L4 2.3L Gas	40R	590		—	430-6001	—
2008-05 L4 2.3L Hybrid	96R	500		—	430-6007	—
2004-01 L4 2.0L	96R	500		—	430-6007	—
<b>Escort, EXP, ZX2</b>						
2003 L4 2.0L	58	500		—	8C-3612	—
1997 L4 2.0L	58	540		—	8C-3612	—
1996 L4 1.8L	35	540		—	250-0487	—
1996 L4 1.9L	35	460		—	250-0487	369-9958
<b>Excursion</b>						
2005-03 V8 6.0L Diesel	65	750	15	230-6368	9X-5408	430-5998
2005-00 V10 6.8L	65	750		230-6368	9X-5408	430-5998
2005-00 V8 5.4L	65	750		230-6368	9X-5408	430-5998
2003-00 V8 7.3L Diesel	65	750	15	230-6368	9X-5408	430-5998
<b>Expedition</b>						
2018 V6 3.5L	94R	800	80	—	430-6004	—

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76 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (77) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (78)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2017-16	V6 3.5L w/In- telligent Access	65	750		230-6368	9X-5408	430-5998
2017	V6 3.5L w/o In- telligent Access, Eco- boost	65	650		230-6368	250-0484	9X-5408
2016	V6 3.5L w/o In- telligent Access	65	650		230-6368	250-0484	9X-5408
2015	V6 3.5L	65	650		230-6368	250-0484	9X-5408
2015	V6 3.5L Optional	65	750		230-6368	9X-5408	430-5998
2014-00	V8 5.4L Optional	65	750		230-6368	9X-5408	430-5998
2014	V8 5.4L Gas	65	650		230-6368	250-0484	9X-5408
2014	V8 5.4L w/Flex Fuel	65	750		230-6368	9X-5408	430-5998
2013-97	V8 5.4L	65	650		230-6368	250-0484	9X-5408
2004-00	V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998
2004-97	V8 4.6L	65	650		230-6368	250-0484	9X-5408
<b>Explorer</b>							
2018-16	L4 2.3L w/In- telligent Access	65	750	303	230-6368	9X-5408	430-5998
2018-15	V6 3.5L w/Intelli- gent Access	65	650		230-6368	250-0484	9X-5408
2018	L4 2.3L w/o In- telligent Access	65	650		230-6368	250-0484	9X-5408
2018	V6 3.5L w/o In- telligent Access	65	750	303	230-6368	9X-5408	430-5998
2017	L4 2.3L w/o In- telligent Access, Eco- boost	65	750	3	230-6368	9X-5408	430-5998
2017	V6 3.5L Police Pkg	65	650		230-6368	250-0484	9X-5408

MAKE (77) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (78)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
2017	V6 3.5L w/o In- telligent Access, Eco- boost	59	540		—	8C-3612	—
2016-15	V6 3.5L w/o In- telligent Access	59	540		—	8C-3612	—
2016	L4 2.3L w/o In- telligent Access	59	540		—	8C-3612	—
2015	L4 2.0L w/In- telligent Access	65	650		230-6368	250-0484	9X-5408
2015	L4 2.0L w/o In- telligent Access	59	540		—	8C-3612	—
2014	L4 2.0L w/Power Code Remote Start	65	650		230-6368	250-0484	9X-5408
2014	L4 2.0L w/o Power Code Remote Start	59	540		—	8C-3612	—
2014	V6 3.5L w/Power Code Remote Start	65	650		230-6368	250-0484	9X-5408
2014	V6 3.5L w/o Power Code Remote Start	59	540		—	8C-3612	—
2013-12	L4 2.0L	65	650		230-6368	250-0484	9X-5408
2013-11	V6 3.5L	65	650		230-6368	250-0484	9X-5408
2010-02	V8 4.6L	65	650		230-6368	250-0484	9X-5408
2010-96	V6 4.0L	65	650		230-6368	250-0484	9X-5408
2008	V6 4.0L Optional	65	750		230-6368	9X-5408	430-5998
2008	V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998
2006	V6 4.0L Optional	65	750		230-6368	9X-5408	430-5998

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78 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (79) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (80)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2006 V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998
2001-96 V8 5.0L	65	650		230-6368	250-0484	9X-5408
<b>Explorer Sport, Sport Trac</b>						
2010-07 V6 4.0L	65	650		230-6368	250-0484	9X-5408
2010-07 V8 4.6L	65	650		230-6368	250-0484	9X-5408
2005-01 V6 4.0L	65	650		230-6368	250-0484	9X-5408
2003-01 4.0 245L	NA	NA		—	—	—
<b>F-100, F-150 Pickup</b>						
2018-17 V6 2.7L King Ranch, Lariat, Platinum	94R	800	80	—	430-6004	—
2018 V6 3.5L King Ranch, Lariat, Platinum	94R	800	80	—	430-6004	—
2018 V8 5.0L King Ranch, Lariat, Platinum	94R	800	80	—	430-6004	—
2017-15 V6 3.5L Exc King Ranch, Lariat, Platinum	48	610		—	430-5993	430-6001
2017-15 V8 5.0L Exc King Ranch, Lariat, Platinum	48	610		—	430-5993	430-6001
2017 V6 3.5L King Ranch, Lariat, Platinum	94R	730		—	430-6005	430-6004
2017 V8 5.0L King Ranch, Lariat, Platinum	94R	730		—	430-6005	430-6004
2016-15 V6 3.5L King Ranch, Lariat, Platinum	94R	730		—	430-6005	430-6004
2016-15 V8 5.0L King Ranch, Lariat, Platinum	94R	730		—	430-6005	430-6004

MAKE (79) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (80)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016 V6 2.7L King Ranch, Lariat, Platinum	94R	800		—	430-6005	430-6004
2015 V6 2.7L King Ranch, Lariat, Platinum	94R	800		—	430-6004	—
2014-11 V6 3.5L	65	750		230-6368	9X-5408	430-5998
2014-10 V8 6.2L	65	750		230-6368	9X-5408	430-5998
2014 V6 3.7L w/Flex Fuel	65	750		230-6368	9X-5408	430-5998
2014 V8 5.0L w/Flex Fuel	65	750		230-6368	9X-5408	430-5998
2013-11 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2013-11 V8 5.0L	65	750		230-6368	9X-5408	430-5998
2010-07 V8 4.6L	59	540		—	8C-3612	—
2010-07 V8 4.6L Optional	65	650		230-6368	250-0484	9X-5408
2010-07 V8 5.4L	59	540		—	8C-3612	—
2010-07 V8 5.4L Optional	65	650		230-6368	250-0484	9X-5408
2008-07 V6 4.2L	59	540		—	8C-3612	—
2008-07 V6 4.2L Optional	65	650		230-6368	250-0484	9X-5408
2007 4.2 256L Optional	65	650		230-6368	250-0484	9X-5408
2007 4.6 281L Optional	65	650		230-6368	250-0484	9X-5408
2007 5.4 330L Optional	65	650		230-6368	250-0484	9X-5408
2006-97 V6 4.2L Canada or Op- tional US	65	650		230-6368	250-0484	9X-5408
2006-97 V6 4.2L US	59	540		—	8C-3612	—
2006-97 V8 4.6L Canada or Op- tional US	65	650		230-6368	250-0484	9X-5408
2006-97 V8 4.6L US	59	540		—	8C-3612	—
2006-97 V8 5.4L Canada or Op- tional US	65	650		230-6368	250-0484	9X-5408

**79 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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80 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (81) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (82)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2006-97 V8 5.4L US	59	540		—	8C-3612	—
1996 L6 4.9L	65	650		230-6368	250-0484	9X-5408
1996 L6 4.9L Optional	65	850		230-6368	9X-5408	—
1996 V8 5.0L	65	650		230-6368	250-0484	9X-5408
1996 V8 5.8L	65	650		230-6368	250-0484	9X-5408
<b>F-250 Pickup (Includes Heavy Duty, Super Duty)</b>						
2017-11 V8 6.7L Diesel	65	650	15	230-6368	9X-5408	430-5998
2017 V8 6.2L Exc XL	65	750		230-6368	9X-5408	430-5998
2017 V8 6.2L XL	65	650		230-6368	250-0484	9X-5408
2016-11 V8 6.2L	65	750		230-6368	250-0484	9X-5408
2016-11 V8 6.2L Optional	65	650		230-6368	9X-5408	430-5998
2014 V8 6.2L w/Flex Fuel	65	750		230-6368	250-0484	9X-5408
2014 V8 6.7L Diesel	65	650		230-6368	250-0484	9X-5408
2010-08 V8 6.4L Diesel	65	650	15	230-6368	9X-5408	430-5998
2010-06 V8 5.4L Optional	65	750		230-6368	9X-5408	430-5998
2010-00 V10 6.8L Optional	65	750		230-6368	9X-5408	430-5998
2010-00 V8 5.4L	65	650		230-6368	250-0484	9X-5408
2010-99 V10 6.8L				230-6368	250-0484	9X-5408
2007 V8 6.0L Diesel			15	230-6368	250-0484	9X-5408
2007 V8 6.0L Diesel, Optional			15	230-6368	9X-5408	430-5998
2006-03 V8 6.0L Diesel			15	230-6368	9X-5408	430-5998
2005-98 V8 5.4L				230-6368	9X-5408	430-5998
2003-99 V8 7.3L Diesel			15	230-6368	9X-5408	430-5998
1999-97 V8 4.6L				230-6368	250-0484	9X-5408
1997 V8 5.4L				—	8C-3612	—
1997 V8 5.4L Optional				230-6368	9X-5408	430-5998
1997 V8 5.8L				—	8C-3612	—
1997 V8 5.8L Optional				230-6368	9X-5408	430-5998
1997 V8 7.3L Diesel				230-6368	9X-5408	430-5998
1997 V8 7.5L				—	8C-3612	—
1997 V8 7.5L Optional				230-6368	9X-5408	430-5998

MAKE (81) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (82)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1996 L6 4.9L	65	650		230-6368	250-0484	9X-5408
1996 V8 5.0L	65	650		230-6368	250-0484	9X-5408
1996 V8 5.8L	65	650		230-6368	250-0484	9X-5408
1996 V8 7.3L Diesel	65	850	15	230-6368	9X-5408	—
1996 V8 7.5L	65	650		230-6368	250-0484	9X-5408
1996 V8 7.5L Optional	65	850		230-6368	9X-5408	—
<b>F-350 Pickup (Includes Super Duty)</b>						
2017-11 V8 6.7L Diesel	65	750	15	230-6368	9X-5408	430-5998
2017 V8 6.2L Exc XL	65	750		230-6368	9X-5408	430-5998
2017 V8 6.2L XL	65	650		230-6368	250-0484	9X-5408
2016-11 V8 6.2L	65	650		230-6368	250-0484	9X-5408
2016-11 V8 6.2L Optional	65	750		230-6368	9X-5408	430-5998
2010-09 V8 6.4L Diesel	65	750	15	230-6368	9X-5408	430-5998
2010-00 V10 6.8L Optional	65	750		230-6368	9X-5408	430-5998
2010-00 V8 5.4L Optional	65	750		230-6368	9X-5408	430-5998
2010-99 V10 6.8L	65	650		230-6368	250-0484	9X-5408
2010-99 V8 5.4L	65	650		230-6368	250-0484	9X-5408
2008 V8 6.4L Diesel	65	650	15	230-6368	250-0484	9X-5408
2008 V8 6.4L Diesel, Optional	65	750	15	230-6368	9X-5408	430-5998
2007 V8 6.0L Diesel	65	650	15	230-6368	250-0484	9X-5408
2007 V8 6.0L Diesel, Optional	65	750	15	230-6368	9X-5408	430-5998
2006-03 V8 6.0L Diesel	65	750	15	230-6368	9X-5408	430-5998
2003-99 V8 7.3L Diesel	65	750	15	230-6368	9X-5408	430-5998
1997-96 V8 7.3L Diesel	65	750	15	230-6368	9X-5408	430-5998
1997 V8 5.8L	59	540		—	8C-3612	—
1997 V8 7.5L	59	540		—	8C-3612	—
1997 V8 7.5L Optional	65	850		230-6368	9X-5408	—
1996 L6 4.9L	65	650		230-6368	250-0484	—
1996 V8 5.8L	65	650		230-6368	250-0484	—
1996 V8 7.3L Diesel	65	850	15	230-6368	9X-5408	—
1996 V8 7.5L	65	650		230-6368	250-0484	—

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82 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (83) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (84)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
<b>Fiesta</b>							
2017-14	L3 1.0L	96R	500		—	430-6007	—
2017-14	L3 1.0L Optional	96R	590		—	430-6007	—
2017-14	L4 1.6L Optional	96R	590		—	430-6007	—
2017-11	L4 1.6L	96R	500		—	430-6007	—
<b>Flex</b>							
2018-10	V6 3.5L Exc Eco- Boost	65	650		230-6368	250-0484	9X-5408
2018-10	V6 3.5L w/Eco- Boost	65	750		230-6368	9X-5408	430-5998
2009	V6 3.5L	65	650		230-6368	250-0484	9X-5408
2009	V6 3.5L Optional	65	750		230-6368	9X-5408	430-5998
<b>Focus</b>							
2018-15	L4 2.0L w/MT	96R	500		—	430-6007	—
2018	L4 2.0L w/AT	96R	590		—	430-6007	—
2017-15	L4 2.0L w/AT	96R	590		—	430-6007	—
2014-13	L4 2.0L Exc Eco- Boost	96R	500		—	430-6007	—
2014-13	L4 2.0L w/Eco- Boost	96R	590		—	430-6007	—
2014	L4 2.0L Gas	96R	590		—	430-6007	—
2012	L4 2.0L w/AT	96R	590		—	430-6007	—
2012	L4 2.0L w/MT	96R	500		—	430-6007	—
2011-08	L4 2.0L	96R	500		—	430-6007	—
2007-05	L4 2.0L w/ Emer- sion Heater or Prem Radio	40R	590		—	430-6001	—
2007-05	L4 2.0L w/o Emer- sion Heater or Prem Radio	96R	500		—	430-6007	—
2007-05	L4 2.3L w/ Emer- sion Heater	40R	590		—	430-6001	—

MAKE (83) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (84)	PREMIUM HIGH OUTPUT	GENERAL DUTY		
					(U.S. Only)		
	or Prem Radio						
2007	L4 2.3L	96R	500		—	430-6007	—
2007	L4 2.3L w/o Emersion Heater or Prem Radio	96R	540		—	430-6007	—
2006-05	L4 2.3L w/o Emersion Heater or Prem Radio	96R	500		—	430-6007	—
2004-03	L4 2.0L Exc Z- Tech	40R	590		—	430-6001	—
2004-03	L4 2.0L Z-Tech	96R	500		—	430-6007	—
2004-03	L4 2.3L	96R	500		—	430-6007	430-6000
2004-03	L4 2.3L Optional	40R	590		—	430-6001	—
2002-01	L4 2.0L Exc Z- Tech	96R	500		—	430-6007	—
2002-01	L4 2.0L Z-Tech	40R	590		—	430-6001	—
2000	L4 2.0L	96R	500		—	430-6007	—
2000	L4 2.0L Optional	40R	590		—	430-6001	—
<b>Freestar</b>							
2007-04	V6 3.9L	59	540		230-6368	250-0484	9X-5408
2007-04	V6 3.9L Optional	65	650		230-6368	250-0484	9X-5408
2007-04	V6 4.2L	59	540		230-6368	250-0484	9X-5408
2007-04	V6 4.2L Optional	65	650		230-6368	250-0484	9X-5408
<b>Fusion</b>							
2018	L4 2.0L Gas w/ Intelli- gent Access	90	590		—	430-6000	—
2018	L4 2.0L Hybrid	90	590	280	—	430-6000	—
2018	L4 2.5L	90	590		—	430-6000	—
2018	V6 2.7L	90	590		—	430-6000	—
2017-15	L4 1.5L w/Intelli- gent Access	90	590		—	430-6000	—

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84 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (85) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (86)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2017-15 L4 2.5L w/Intelli- gent Access	90	590		—	430-6000	—
2017-15 L4 2.5L w/o In- telligent Access	90	500		—	430-6000	—
2017 L4 1.5L w/o In- telligent Access, Eco- boost	90	500		—	430-6000	—
2017 L4 2.0L Gas	90	590		—	430-6000	—
2017 V6 2.7L	94R	730		—	430-6005	430-6004
2016-15 L4 1.5L w/o In- telligent Access	90	500		—	430-6000	—
2016 L4 2.0L w/Intelli- gent Access	90	590		—	430-6000	—
2016 L4 2.0L w/o In- telligent Access	90	500		—	430-6000	—
2015 L4 2.0L Gas	90	590		—	430-6000	—
2014-13 L4 1.6L w/Power Code Re- mote Start	90	590		—	430-6000	—
2014-13 L4 1.6L w/o Power Code Re- mote Start	90	500		—	430-6000	—
2014-13 L4 2.5L w/Power Code Re- mote Start	90	590		—	430-6000	—
2014-13 L4 2.5L w/o Power Code Re- mote Start	90	500		—	430-6000	—
2014 L4 1.5L w/Power	90	590		—	430-6000	—

MAKE (85) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (86)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2014						
2014						
2014						
2014						
2013						
2013						
2012-10						
2012-10						
2012-07						
2009-07						
2006						
2006						
<b>Mustang</b>						
2018-15						
2018-15						
2017-11						
2016						
2015						
2014-13						
2014-12						
2014-12						
2012-10						
2011						
2010-08						
2010-05						
2009-08						

85 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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86 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (87) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (88)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009-07 V8 4.6L SEO	40R	590		—	430-6001	—
2009-07 V8 5.4L	40R	590		—	430-6001	—
2007-05 V8 4.6L	96R	500		—	430-6007	430-6000
2006-05 V6 4.0L Optional	40R	590		—	430-6001	—
2006-05 V8 4.6L Optional	40R	590		—	430-6001	—
2004-97 V6 3.8L	59	540		—	8C-3612	—
2004-97 V8 4.6L	59	540		—	8C-3612	—
2004 V6 3.9L	59	540		—	8C-3612	—
2000 V8 5.4L	59	540		—	8C-3612	—
1996 V6 3.8L Early Model	58	540		—	8C-3612	—
1996 V6 3.8L Late Model	59	540		—	8C-3612	—
1996 V8 4.6L Early Model	58	540		—	8C-3612	—
1996 V8 4.6L Late Model	59	540		—	8C-3612	—
<b>Police Interceptor Sedan</b>						
2017-15 V6 3.5L	65	750		230-6368	9X-5408	430-5998
2017-15 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2014-13 V6 3.5L Exc Eco- Boost	59	540		—	8C-3612	—
2014-13 V6 3.5L w/Eco- Boost	65	650		230-6368	250-0484	9X-5408
2014-13 V6 3.7L	59	540		—	8C-3612	—
<b>Police Interceptor Utility</b>						
2017-15 V6 3.5L	65	750		230-6368	9X-5408	430-5998
2017-15 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2014-13 V6 3.7L	59	540		—	8C-3612	—
2014 V6 3.5L w/Eco- Boost	65	650		230-6368	250-0484	9X-5408
<b>Ranger Pickup</b>						
2011-01 L4 2.3L	59	540		—	8C-3612	—
2011-97 V6 4.0L	59	540		—	8C-3612	—
2008-97 V6 3.0L	59	540		—	8C-3612	—
2001-98 L4 2.5L	59	540		—	8C-3612	—
1997 L4 2.3L	59	540		—	8C-3612	—
1996 L4 2.3L Standard Cab	58	540		—	8C-3612	—

MAKE (87) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (88)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1996 L4 2.3L Super Cab	65	650		230-6368	250-0484	9X-5408
1996 V6 3.0L Standard Cab	58	540		—	8C-3612	—
1996 V6 3.0L Super Cab	65	650		230-6368	250-0484	9X-5408
1996 V6 4.0L	65	650		230-6368	250-0484	9X-5408
<b>Special Service Police Sedan</b>						
2017-14 L4 2.0L	65	750		230-6368	9X-5408	430-5998
<b>Taurus</b>						
2018-17 V6 3.5L Duratec w/o In- telligent Access	59	540		—	8C-3612	—
2018-17 V6 3.5L w/Eco- Boost	65	650		230-6368	250-0484	9X-5408
2018-16 V6 3.5L Duratec w/Intel- ligent Access	65	650		230-6368	250-0484	9X-5408
2017-15 L4 2.0L w/Intel- ligent Access	65	650		230-6368	250-0484	9X-5408
2017 L4 2.0L w/o In- telligent Access, Ecoboost	59	540		—	8C-3612	—
2016-15 L4 2.0L w/o In- telligent Access	59	540		—	8C-3612	—
2016 V6 3.5L w/Intel- ligent Access, Ecoboost	65	650		230-6368	250-0484	9X-5408
2016 V6 3.5L w/o In- telligent Access, Ecoboost	59	540		—	8C-3612	—
2015 V6 3.5L w/	65	650		230-6368	250-0484	9X-5408

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88 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (91) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (92)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2015	V6 3.5L w/o In- telligent Access, Exc SHO	59 540		—	8C-3612	—
2014-13	L4 2.0L	59 540		—	8C-3612	—
2014-13	V6 3.5L Police Pkg	65 750		230-6368	9X-5408	430-5998
2014-10	V6 3.5L Exc SHO	59 540		—	8C-3612	—
2014	V6 3.5L	65 650		230-6368	250-0484	9X-5408
2013-10	V6 3.5L SHO	65 650		230-6368	250-0484	9X-5408
2009-08	V6 3.5L	59 540		—	8C-3612	—
<b>Taurus X</b>						
2009-08	V6 3.5L	59 540		—	8C-3612	—
<b>Thunderbird</b>						
2005-02	V8 3.9L	90 590		—	430-6000	—
1997-96	V6 3.8L Canada	90 500		—	430-6000	—
1997-96	V8 4.6L	90 590		—	430-6000	—
1997	V6 3.8L US					
1996	V6 3.8L Early Model					
1996	V6 3.8L Late Model					
Transit Connect						
2018-14	L4 2.5L	40R 590		—	430-6001	—
2016-14	L4 1.6L	40R 590		—	430-6001	—
2013-10	L4 2.0L	96R 590		—	430-6007	430-6000
2012	--L Electric	96R 500		—	430-6007	430-6000
<b>Transit-150</b>						
2017	V6 3.5L	48 610	1, 153	—	430-5993	430-6001
<b>Transit-150</b>						
2017	V6 3.7L	48 610	1, 153	—	430-5993	430-6001
2016-15	V6 3.5L	48 610	153	—	430-5993	430-6001
<b>Transit-150</b>						
2016-15	V6 3.7L	48 610	153	—	430-5993	430-6001
<b>Windstar</b>						
2003-00	V6 3.8L	65 650		230-6368	250-0484	9X-5408
2003-97	V6 3.8L Canada	65 750		230-6368	9X-5408	430-5998

MAKE (89) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (90)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2000	V6 3.0L	59 540		—	8C-3612	—
2000	V6 3.0L Canada or Trailer Tow Pkg or Eng Htr	65 750		230-6368	9X-5408	—
1999-97	V6 3.0L Canada or Trailer Tow Pkg or Eng Htr	90 650		230-6368	250-0484	9X-5408
1997-96	V6 3.8L	65 650		230-6368	250-0484	9X-5408
1997	V6 3.0L	59 540		—	8C-3612	—
1996	V6 3.0L Canada or Trailer Tow Pkg or Eng Htr	65 850		230-6368	9X-5408	—
1996	V6 3.5L	58 540		—	8C-3612	—
<b>FREIGHTLINER</b>						
<b>Sprinter 2500, 3500</b>						
2017-16	L4 2.1L Diesel, Optional	49 760	1	—	307-0751	—
2017-16	V6 3.0L Diesel, Optional	49 760	1	—	307-0751	—
<b>FREIGHTLINER</b>						
<b>Sprinter 2500, 3500</b>						
2016	L4 2.1L Diesel	49 850	1	—	307-0751	—
2016	V6 3.0L Diesel	49 850	1	—	307-0751	—
2015-14	L4 2.1L Diesel	49 850	1, 231	—	307-0751	—
2015-07	V8 5.2L	49 850	1, 231	—	307-0751	—
2015	L4 2.1L Diesel, Optional	49 760	1, 231	—	307-0751	—
2015	V6 2.1L Diesel	49 850	1, 231	—	307-0751	—
2015	V6 2.1L Diesel, Optional	49 760	1, 231	—	307-0751	—

89 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

90 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (89) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (90)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2015 V6 3.0L Diesel, Optional	49	760	1,231	—	307-0751	—
2008-07 V6 3.5L	49	850	1,231	—	307-0751	—
2014-13 L5 2.7L Diesel	49	850	1,231	—	307-0751	—
<b>GEO</b>						
<b>Metro</b>						
1997-96 L3 1.0L	26R	390		—	369-9958	250-0489 {32}
1997-96 L4 1.3L	26R	390		—	369-9958	250-0489 {32}
<b>Prizm, Storm</b>						
1997-96 L4 1.6L	35	310		—	250-0487	369-9958
1997-96 L4 1.8L	35	310		—	250-0487	369-9958
<b>Tracker</b>						
1997-96 L4 1.6L	26R	500		—	369-9958	250-0489 {32}
<b>GMC LIGHT TRUCKS &amp; VANS</b>						
<b>Acadia</b>						
2017 L4 2.5L Start Stop	94R	730	80	—	430-6004	—
2017 V6 3.6L	48	660		—	430-5993	430-6001
2017 V6 3.6L	48	660	1,305	—	430-5993	430-6001
2016 V6 3.6L	48	660	1	—	430-5993	430-6001
2015-10 V6 3.6L	48	660	1,184	—	430-5993	430-6001
2009-07 V6 3.6L	48	730	1,184	—	430-5993	—
<b>C &amp; K Pickups</b>						
2000-97 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
2000-97 V8 6.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
2000-96 V8 5.7L	78	600		—	369-9957	7X-6100
2000-96 V8 7.4L	78	600		—	369-9957	7X-6100
2000 V8 5.7L Optional	78	690		—	369-9957	7X-6100
2000 V8 7.4L Optional	78	690		—	369-9957	7X-6100
2000 V8 7.4L Primary Battery	78	600		—	369-9957	7X-6100
1999-98 V8 5.0L	78	600		—	369-9957	7X-6100
1999-96 V8 5.0L	78	630		—	369-9957	7X-6100
1999-96 V8 7.4L	78	630		—	369-9957	7X-6100
1999 V8 6.5L Diesel, Optional	78	600	15	—	369-9957	7X-6100

MAKE (89) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (90)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1998-96 V6 4.3L	78	600		—	369-9957	7X-6100
1996 V8 6.5L Diesel	78	690	15	—	369-9957	7X-6100
1996 V8 6.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
<b>C &amp; K Suburbans, Suburbans (1500-2500)</b>						
1999-98 V8 6.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
1999-97 V8 5.7L Optional	78	770		—	127-0826	430-5997
1999-97 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
1999-96 V8 5.7L	78	600		—	369-9957	7X-6100
1999-96 V8 7.4L	78	600		—	369-9957	7X-6100
1999-96 V8 7.4L	78	630		—	369-9957	7X-6100
1999 V8 6.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
1997-96 V8 6.5L Diesel	78	690	15	—	369-9957	7X-6100
1997 V8 6.5L Diesel, Optional	78	690	15	—	369-9957	7X-6100
1996 V8 6.5L Diesel, Optional	78	770	15	—	127-0826	430-5997
<b>Canyon</b>						
2017-15 L4 2.5L	48	615		—	430-5993	430-6001
2017-15 V6 3.6L	48	615		—	430-5993	430-6001
2016 L4 2.8L Diesel	49	850		—	307-0751	—
<b>Envoy</b>						
2009-05 V8 5.3L	78	600	1, 231	—	369-9957	—
2009-02 L6 4.2L	78	600	1, 231	—	369-9957	—
<b>Envoy XL</b>						
2006-03 V8 5.3L	78	600		—	369-9957	—
2006-02 L6 4.2L	78	600		—	369-9957	—
<b>Envoy XUV</b>						
2005-04 L6 4.2L	78	600		—	369-9957	—
2005-04 V8 5.3L	78	600		—	369-9957	—
<b>G Series Vans</b>						
1996 V8 5.7L	78	630		—	369-9957	7X-6100
1996 V8 6.5L Diesel	78	600		—	369-9957	7X-6100
1996 V8 7.4L	78	630		—	369-9957	7X-6100
<b>Jimmy</b>						
2005-00 V6 4.3L Optional	75	690		—	7X-6100	—

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90 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (91) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (92)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-96 V6 4.3L	75	525		—	7X-6100	250-0489
<b>P35, P3500 1 Ton - Step Van</b>						
1999-97 V6 4.3L	78	600		—	369-9957	7X-6100
1999-97 V8 5.7L	78	600		—	369-9957	7X-6100
1999-96 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
1999-96 V8 7.4L	78	600		—	369-9957	7X-6100
1996 V6 4.3L	75	525		—	7X-6100	250-0489
1996 V8 5.7L	75	525		—	7X-6100	250-0489
<b>Safari</b>						
2005-96 V6 4.3L Exc SEO	78	600		—	369-9957	7X-6100
2005-96 V6 4.3L SEO or Opt	78	770		—	127-0826	430-5997
<b>Savana (Includes 1500, 2500, 3500)</b>						
2017-03 V8 4.8L	78	600		—	369-9957	7X-6100
2017-03 V8 6.0L	78	600		—	369-9957	7X-6100
2017 V8 4.8L Optional	78	770		—	369-9957	7X-6100
2017 V8 6.0L Optional	78	770		—	369-9957	7X-6100
2016-10 V8 4.8L Optional	78	770		—	127-0826	430-5997
2016-10 V8 6.0L Optional	78	770		—	127-0826	430-5997
2016-07 V8 6.6L Diesel	78	770	15	—	127-0826	430-5997
2014-10 V6 4.3L Optional	78	770		—	127-0826	430-5997
2014-10 V8 5.3L Optional	78	770		—	127-0826	430-5997
2014-03 V8 5.3L	78	600		—	369-9957	7X-6100
2014-96 V6 4.3L	78	600		—	369-9957	7X-6100
2002-01 V8 8.1L	78	600		—	369-9957	7X-6100
2002-01 V8 8.1L Optional	78	690		—	369-9957	7X-6100
2002-00 V6 4.3L Optional	78	690		—	369-9957	7X-6100
2002-00 V8 5.0L Optional	78	690		—	369-9957	7X-6100
2002-00 V8 5.7L Optional	78	690		—	369-9957	7X-6100
2002-99 V8 6.5L	78	600		—	369-9957	7X-6100
2002-96 V8 5.0L	78	600		—	369-9957	7X-6100
2002-96 V8 5.7L	78	600		—	369-9957	7X-6100
2000 V8 7.4L	78	600		—	369-9957	7X-6100
2000 V8 7.4L Optional	78	690		—	369-9957	7X-6100

MAKE (91) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (92)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1999-96 V8 7.4L	78	630		—	369-9957	7X-6100
1999-96 V8 6.5L Diesel	78	600	15	—	369-9957	7X-6100
<b>Savana 4500</b>						
2016 V8 6.0L Flex Fuel, Optional	78	770		—	127-0826	430-5997
2016 V8 6.0L w/Flex Fuel	78	600		—	369-9957	7X-6100
2016 V8 6.6L Diesel	78	770		—	127-0826	430-5997
<b>Sierra Pickup (Includes 1500, -HD, 2500, -HD, 3500)</b>						
2017-15 V8 5.3L	94R	720		—	430-6005	430-6004
2017 V6 4.3L	48	730		—	430-5993	—
2017 V8 6.0L	94R	720		—	430-6005	430-6004
2017 V8 6.6L Diesel	48	730	15	—	430-5993	—
2016-15 V8 6.2L	94R	720		—	430-6005	430-6004
2016-14 V8 6.0L	94R	720		—	430-6005	430-6004
2016 V6 4.3L	94R	720		—	430-6005	430-6004
2016 V8 6.6L Diesel	94R	720	15	—	430-6005	430-6004
2015-14 V6 4.3L	48	730		—	430-5993	—
2015-08 V8 6.6L Diesel	48	730	15	—	430-5993	—
2014-09 V6 4.3L Optional	48	730		—	430-5993	—
2014-09 V8 5.3L Optional	48	730		—	430-5993	—
2014-09 V8 6.2L Optional	48	730		—	430-5993	—
2014 V8 5.3L	94R	720		—	430-6005	430-6004
2014 V8 6.2L	94R	720		—	430-6005	430-6004
2013-09 V8 4.8L Optional	48	730		—	430-5993	—
2013-09 V8 6.0L Optional	48	730		—	430-5993	—
2013-08 V6 4.3L	48	615		—	430-5993	430-6001
2013-08 V8 4.8L	48	615		—	430-5993	430-6001
2013-08 V8 5.3L	48	615		—	430-5993	430-6001
2013-08 V8 6.0L	48	615		—	430-5993	430-6001
2013-08 V8 6.2L	48	615		—	430-5993	430-6001
2013 V8 6.0L Hybrid	48	730		—	430-5993	—
2012-11 V8 6.0L Hybrid	48	615		—	430-5993	430-6001

91 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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92 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (93) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (94)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2012 V86.0L Hybrid, Optional	48	730		—	430-5993	—
2011 V86.0L Hybrid	48	730		—	430-5993	—
2007 V64.3L Early Model	78	600		—	369-9957	7X-6100
2007 V64.3L Late Model	48	615		—	430-5993	430-6001
2007 V84.8L Early Model	78	600		—	369-9957	7X-6100
2007 V84.8L Late Model	48	615		—	430-5993	430-6001
2007 V85.3L Early Model	78	600		—	369-9957	7X-6100
2007 V85.3L Late Model	48	615		—	430-5993	430-6001
2007 V86.0L Early Model	78	600		—	369-9957	7X-6100
2007 V86.0L Late Model	48	615		—	430-5993	430-6001
2007 V86.2L Early Model	78	600		—	369-9957	7X-6100
2007 V86.2L Late Model	48	615		—	430-5993	430-6001
2007 V86.6L Diesel, Early Model	78	600	15	—	369-9957	7X-6100
2007 V86.6L Diesel, Early Model	78	770	15	—	127-0826	430-5997
2007 V86.6L Diesel, Late Model	48	730	15	—	430-5993	—
2007 V88.1L Early Model	78	600		—	369-9957	7X-6100
2007 V88.1L Late Model	48	615		—	430-5993	430-6001
2006-05 V86.0L Optional	78	690		—	369-9957	7X-6100

MAKE (93) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (94)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2006-01 V86.6L Diesel	78	770	15	—	127-0826	430-5997
2006-01 V88.1L	78	600		—	369-9957	7X-6100
2006-99 V64.3L	78	600		—	369-9957	7X-6100
2006-99 V84.8L	78	600		—	369-9957	7X-6100
2006-99 V85.3L	78	600		—	369-9957	7X-6100
2006-99 V86.0L	78	600		—	369-9957	7X-6100
2006 V64.3L Optional	78	690		—	369-9957	7X-6100
2006 V84.8L Optional	78	690		—	369-9957	7X-6100
2006 V85.3L Optional	78	690		—	369-9957	7X-6100
2006 V88.1L Optional	78	690		—	369-9957	7X-6100
2005-01 V88.1L Optional	78	770		—	127-0826	430-5997
2005-00 V86.0L Optional	78	770		—	127-0826	430-5997
2005-99 V64.3L Optional	78	770		—	127-0826	430-5997
2005-99 V84.8L Optional	78	770		—	127-0826	430-5997
2005-99 V85.3L Optional	78	770		—	127-0826	430-5997
2004 V86.6L Diesel	78	600	15	—	369-9957	7X-6100
2002-01 V86.6L Diesel	78	600	15	—	369-9957	7X-6100
2002-01 V86.6L Diesel, Optional	78	690	15	—	369-9957	7X-6100
2002 V88.1L Optional	78	690		—	369-9957	7X-6100
<b>Sonoma</b>						
2004-00 V64.3L Optional	75	690		—	7X-6100	—
2004-96 V64.3L	75	525		—	7X-6100	250-0489
2003-96 L42.2L	75	525		—	7X-6100	250-0489
2002 L42.2L Optional	75	690		—	7X-6100	—
2000 L42.2L Optional	75	690		—	7X-6100	—
<b>Terrain</b>						
2017-13 V8 7.5L Optional	65	850		230-6368	9X-5408	—
2017-10 L6 4.9L	65	650		230-6368	250-0484	9X-5408
2012 V8 5.8L	65	650		230-6368	250-0484	
2011-10 V8 7.3L Diesel	65	850	15	230-6368	9X-5408	—
<b>Yukon (Includes Denali, XL, XL 1500, 2500)</b>						

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94 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (95) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (96)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2017	V8 5.3L	94R	720	—	430-6005	430-6004
2017	V8 6.2L	94R	720	—	430-6005	430-6004
2016-15	V8 5.3L	94R	720	—	430-6005	430-6004
2016-15	V8 6.2L	94R	720	—	430-6005	430-6004
2015-09	V8 5.3L Optional	48	730	—	430-5993	—
2015-09	V8 6.2L Optional	48	730	—	430-5993	—
2014-12	V8 5.3L	48	660	—	430-5993	430-6001
2014-12	V8 6.2L	48	660	—	430-5993	430-6001
2013-12	V8 6.0L	48	660	—	430-5993	430-6001
2013-12	V8 6.0L Hybrid	48	660	—	430-5993	430-6001
2013-09	V8 6.0L Hybrid, Optional	48	730	—	430-5993	—
2013-09	V8 6.0L Optional	48	730	—	430-5993	—
2011-08	V8 6.0L Hybrid	48	615	—	430-5993	430-6001
2011-07	V8 5.3L	48	615	—	430-5993	430-6001
2011-07	V8 6.0L	48	615	—	430-5993	430-6001
2011-07	V8 6.2L	48	615	—	430-5993	430-6001
2009-07	V8 4.8L	48	615	—	430-5993	430-6001
2009	V8 4.8L Optional	48	730	—	430-5993	—
2008	V8 4.8L Optional	48	700	—	430-5993	430-6001
2007	V8 6.2L Early Model	78	600	—	369-9957	7X-6100
2007	V8 6.2L Late Model	48	615	—	430-5993	430-6001
2006-01	V8 6.0L	78	600	—	369-9957	7X-6100
2006-01	V8 8.1L	78	600	—	369-9957	7X-6100
2006-00	V8 4.8L	78	600	—	369-9957	7X-6100
2006-00	V8 5.3L	78	600	—	369-9957	7X-6100
2006	V8 4.8L Optional	78	690	—	369-9957	7X-6100
2006	V8 5.3L Optional	78	690	—	369-9957	7X-6100
2006	Optional	78	690	—	369-9957	7X-6100
2006	V8 8.1L Optional	78	690	—	369-9957	7X-6100
2005-03	V8 4.8L Optional	78	770	—	127-0826	430-5997
2005-03	V8 5.3L Optional	78	770	—	127-0826	430-5997

MAKE (95) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (96)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-03	V8 6.0L Optional	78	770	—	127-0826	430-5997
2005-03	V8 8.1L Optional	78	770	—	127-0826	430-5997
2001-00	V8 4.8L Optional	78	690	—	369-9957	7X-6100
2001-00	V8 5.3L Optional	78	690	—	369-9957	7X-6100
2001	V8 6.0L Optional	78	690	—	369-9957	7X-6100
2001	V8 8.1L Optional	78	600	—	369-9957	7X-6100
2000	V8 5.3L Exc Police	78	770	—	369-9957	7X-6100
2000	V8 5.3L Police Pkg	78	690	—	127-0826	430-5997
2000	V8 5.3L Primary Battery	78	690	—	369-9957	7X-6100
2000	V8 5.7L Optional	78	770	—	369-9957	7X-6100
2000	V8 5.7L Police & Optional	78	650	—	127-0826	430-5997
2000	V8 5.7L Primary Battery	78	600	—	369-9957	7X-6100
2000	V8 6.0L	78	690	—	369-9957	7X-6100
2000	V8 6.0L Exc Police	78	600	—	369-9957	7X-6100
2000	V8 6.0L Police Pkg	78	770	—	127-0826	430-5997
1999-96	V8 5.7L	78	600	—	369-9957	7X-6100
1997	V8 6.5L Diesel	78	600	15	369-9957	7X-6100
1996	V8 6.5L Diesel	78	770	15	127-0826	430-5997
<b>HONDA</b>						
<b>Accord</b>						
2017-15	V6 3.5L	24F	550	34	—	3T-5858 250-0487
2014-08	V6 3.5L	24F	550	—	—	3T-5858 250-0487
2013-12	L4 2.4L Canada, California	35	440	—	—	250-0487 369-9958
2011	L4 2.4L Optional	35	440	24	—	250-0487 369-9958

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96 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (97) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (98)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2010 L42.4L Optional	35	410	24	—	250-0487	369-9958
2009-08 L42.4L Optional	35	435	24	—	250-0487	369-9958
2007-03 V63.0L	35	440		—	250-0487	369-9958
2002-98 L42.3L	35	450		—	250-0487	369-9958
2002-98 V63.0L	24	500		153-5656	3T-5857	250-0488
1997-96 L42.2L	24F	550	17	—	3T-5858	250-0487
1997-96 V62.7L	24	500	17	153-5656	3T-5857	250-0488
<b>Accord Crosstour</b>						
2011-10 V63.5L	24F	550		—	3T-5858	250-0487
<b>CR-V</b>						
2016-14 L42.4L CANADA	35	440		—	250-0487	369-9958
<b>CR-Z</b>						
2016-11 L41.5L Hybrid	151R	340		—	430-6012	—
<b>Civic (Includes Del Sol)</b>						
2015-12 L41.5L Hybrid	151R	340		—	430-6012	—
2011-06 L41.3L Hybrid	151R	340		—	430-6012	—
<b>Crosstour</b>						
2015-12 V63.5L	24F	550		—	3T-5858	250-0487
2013 L42.4L Canada, California	35	440		—	250-0487	369-9958
2012 L42.4L California	35	440		—	250-0487	369-9958
2017-07 L41.5L	151R	340		—	430-6012	—
2014-13 --L Electric	151R	340		—	430-6012	—
<b>Insight</b>						
2014-10 L41.3L Hybrid	151R	340		—	430-6012	—
<b>Odyssey</b>						
2017 V63.5L	24F	630		—	3T-5858	250-0487
2015-99 V63.5L	24F	550		—	3T-5858	250-0487
1998 L42.3L	24F	550		—	3T-5858	250-0487
1997-96 L42.2L	24F	550		—	3T-5858	250-0487
<b>Passport</b>						
2002-98 V63.2L	24F	600		—	3T-5858	250-0487
1997-96 V63.2L	24	600		153-5656	3T-5857	250-0488
1996 L42.6L	86	430		—	8C-3600	250-0489
1996 L42.6L Optional				153-5656	3T-5857	250-0488
<b>Pilot</b>						

MAKE (97) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (98)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2017-16 V63.5L Exc Elite, Touring	48	620		—	430-5993	430-6001
2015-03 V63.5L	24F	550		—	3T-5858	250-0487
<b>Prelude</b>						
2001-96 L42.2L	24F	550		—	3T-5858	250-0487
1996 L42.3L	24F	550		—	3T-5858	250-0487
<b>Ridgeline</b>						
2017 V63.5L	48	620		—	430-5993	430-6001
2014-06 V63.5L	24F	550		—	3T-5858	250-0487
2011 V63.5L Optional	24F	550		—	3T-5858	250-0487
<b>HUMMER (AM GENERAL)</b>						
<b>Hummer</b>						
2001 V86.5L Diesel, Turbo	78	770	15	—	127-0826	430-5997
2000-96 V86.5L Diesel	78	770	15	—	127-0826	430-5997
1996 V85.7L	78	770		—	127-0826	430-5997
<b>Hummer H1</b>						
2002 V86.5L Diesel	78	770		—	127-0826	430-5997
<b>Hummer H2</b>						
2009-08 V8 6.2L	48	730		—	430-5993	—
<b>HYUNDAI</b>						
<b>Accent</b>						
2016-14 L41.6L	48	550		—	430-5993	430-6001
2013-01 L41.6L	121R	500		—		—
2003-01 L41.5L	121R	500		—		—
2000-98 L41.5L	121R	435		—		—
1997-96 L41.5L	121R	410		—		—
<b>Azera</b>						
2017-07 V63.3L	124R	600		—	430-6011	—
2011-06 V63.8L	124R	600		—	430-6011	—
2011 V63.8L Optional	124R	600		—	430-6011	—
<b>Elantra</b>						
2016-14 L41.8L w/MT	47	550		—	430-6000	—
2016-14 L42.0L	47	550		—	430-6000	—
2013-11 L41.8L	47	550		—	430-6000	—
2012-11 L42.0L	47	550		—	430-6000	—
2009-07 L42.0L	121R	550		—		—
2006 L42.0L	124R	500		—	430-6011	—
2005-04 L42.0L	124R	560		—	430-6011	—

**97 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

98 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (99) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (100)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003-99 L4 2.0L	124R	550		—	430-6011	—
1996 L4 1.8L Canada or Optional US	24	540		153-5656	3T-5857	250-0488
1996 L4 1.8L US	25	435		—	250-0488	8C-3600
<b>Elantra Coupe</b>						
2014 L4 2.0L	47	550		—	430-6000	—
2013 L4 1.8L	47	550		—	430-6000	—
<b>Elantra GT</b>						
2015-14 L4 2.0L	47	550		—	430-6000	—
2013 L4 1.8L	47	550		—	430-6000	—
<b>Entourage</b>						
2010-07 V6 3.8L	124R	600		—	430-6011	—
<b>Equus</b>						
2016-14 V8 5.0L	49	740	1	—	307-0751	—
2013-12 V8 5.0L	49	740	1, 139	—	307-0751	—
2011 V8 4.6L	49	740		—	307-0751	—
<b>Genesis</b>						
2016 V6 3.8L	49	740	1	—	307-0751	—
2015 V6 3.8L	49	740	1, 139	—	307-0751	—
2014 V6 3.8L	49	740	1	—	307-0751	—
2013-09 V6 3.8L	49	740	1, 139	—	307-0751	—
2012-09 V8 4.6L	49	740	1, 139	—	307-0751	—
<b>Genesis Coupe</b>						
2016 V6 3.8L	49	740		—	307-0751	—
2015-10 V6 3.8L	124R	600		—	430-6011	—
2014-10 L4 2.0L	124R	600		—	430-6011	—
<b>Santa Fe</b>						
2016-13 L4 2.0L	124R	600		—	430-6011	—
2016-13 V6 3.3L	124R	600		—	430-6011	—
2016-10 L4 2.4L	124R	600		—	430-6011	—
2012-10 V6 3.5L	124R	600		—	430-6011	—
2009-07 V6 3.3L	124R	600		—	430-6011	—
2009-01 V6 2.7L	124R	600		—	430-6011	—
2006-03 L4 2.4L	124R	600		—	430-6011	—
2006-03 V6 3.5L	124R	600		—	430-6011	—
2002 L4 2.4L	124R	550		—	430-6011	—
2002 L4 2.4L Optional	124R	600		—	430-6011	—
2001 L4 2.4L	124R	660		—	430-6011	—
<b>Santa Fe XL</b>						
2016-13 V6 3.3L	124R	600		—	430-6011	—
<b>Sonata</b>						
2016-15 L4 1.6L	94R	800	80	—	430-6011	—

MAKE (99) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (100)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016 L4 2.4L	94R	800	80	—	430-6004	—
2015 L4 2.4L Gas	94R	800	80	—	430-6004	—
2013-11 L4 2.0L	124R	600		—	430-6011	—
2013-11 L4 2.4L Gas	124R	600		—	430-6011	—
2010-06 L4 2.4L	124R	600		—	430-6011	—
2010-06 V6 3.3L	124R	600		—	430-6011	—
2010 V6 3.3L	124R	700		—	430-6011	—
2005-03 L4 2.4L	124R	560		—	430-6011	—
2005-02 V6 2.7L	124R	600		—	430-6011	—
2002-99 L4 2.4L	124R	550		—	430-6011	—
2001 V6 2.5L	124R	600		—	430-6011	—
2000-99 V6 2.5L	124R	540		—	430-6011	—
1998-96 L4 2.0L	25	420		—	250-0488	8C-3600
1998-96 L4 2.0L Optional	24	540	153-5656	—	3T-5857	250-0488
1998-96 V6 3.0L	24	540	153-5656	—	3T-5857	250-0488
<b>Tiburon</b>						
2008-03 L4 2.0L	124R	600		—	430-6011	—
2008-03 V6 2.7L	124R	600		—	430-6011	—
2001-97 L4 2.0L	124R	600		—	430-6011	—
1997 L4 1.8L	124R	600		—	430-6011	—
<b>Tucson</b>						
2016-05 --L Electric/ Hydrogen	47	600		—	430-6011	—
2016-11 L4 2.0L	124R	600		—	430-6011	—
2016 L4 1.6L	124R	600		—	430-6011	—
2015-10 L4 2.4L	124R	600		—	430-6011	—
2009-05 L4 2.0L	124R	600		—	430-6011	—
2009-05 V6 2.7L	124R	600		—	430-6011	—
<b>Veloster</b>						
2016-13 L4 1.6L Exc Turbo	121R	550		—	430-6011	—
2016-13 L4 1.6L Turbo	47	550		—	430-6000	—
2012 L4 1.6L	121R	550		—	430-6011	—
<b>Veracruz</b>						
2012-09 V6 3.8L	124R	600		—	430-6011	—
2008-07 V6 3.8L	124R	600		—	430-6011	—
2008 V6 3.8L Optional	124R	600		—	430-6011	—
<b>XG300</b>						
2001 V6 3.0L	124R	600		—	430-6011	—
<b>XG350</b>						

99 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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100 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (101) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (102)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-02 V63.5L 124R 600				—	430-6011	—
<b>INFINITI</b>						
<b>EX35</b>						
2012-08 V63.5L 35 585				—	250-0487	—
<b>FX35</b>						
2012-09 V63.5L 35 585				—	250-0487	—
2008-07 V63.5L Exc Smart Key 35 550				—	250-0487	—
2006-03 V63.5L 35 490				—	250-0487	369-9958
<b>FX45</b>						
2008-06 V84.5L Exc Smart Key 35 550				—	250-0487	—
2005-03 V84.5L 35 490				—	250-0487	369-9958
<b>G20</b>						
2002-99 L42.0L 24F 585				—	3T-5858	250-0487
1996 L42.0L Calif 35 360			6	—	250-0487	369-9958
1996 L42.0L Exc Calif 24F 585			6	—	3T-5858	250-0487
<b>G25</b>						
2012-11 V62.5L 35 585				—	250-0487	—
<b>G35</b>						
2008 V63.5L 35 550				—	250-0487	—
2007 V63.5L 24F 550			56	—	3T-5858	250-0487
2006-03 V63.5L 35 490			56	—	250-0487	369-9958
<b>G37</b>						
2013-08 V63.7L 35 585				—	250-0487	—
<b>I30</b>						
2001-98 V63.0L 24F 585				—	3T-5858	250-0487
1997-96 V63.0L Calif 24F 415				—	3T-5858	250-0487
1997-96 V63.0L Canada 24F 585				—	3T-5858	250-0487
1997-96 V6 3.3L US 35 360				—	250-0487	369-9958
<b>I35</b>						
2004-03 V6 3.5L 24F 445				—	3T-5858	250-0487
2002 V6 3.3L 24F 585				—	3T-5858	250-0487
<b>J30</b>						
1997-96 V63.0L 24 585				153-5656	3T-5857	250-0488
<b>M35</b>						
2010-06 V63.5L 24F 700				—	250-0486	127-0826
<b>M45</b>						
2004 V84.5L 24 490				153-5656	3T-5857	250-0488

MAKE (101) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ °F	Notes (102)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003 V84.5L 24 585				153-5656	3T-5857	250-0488
<b>Q40</b>						
2015 V63.7L 35 585				—	250-0487	—
<b>Q45</b>						
2006-02 V84.5L 24F 585			17, 56	—	3T-5858	250-0487
2001-97 V84.1L 24 585			17	153-5656	3T-5857	250-0488
1996 V84.5L 27 625			17	153-5656	8C-3601	3T-5857
<b>Q50</b>						
2015-14 V63.5L Hybrid 35 585			1, 139	—	250-0487	—
2015 V63.7L 35 585			1	—	250-0487	—
2014 V63.7L 35 585			1, 139	—	250-0487	—
<b>Q60</b>						
2014 V63.7L 35 585			1	—	250-0487	—
<b>Q70</b>						
2015-14 V63.5L Hybrid 35 585			1, 139	—	250-0487	—
2015-14 V63.7L 35 585			1	—	250-0487	—
2015 V85.6L 35 585			1	—	250-0487	—
2014 V85.6L 35 585			1, 139	—	250-0487	—
<b>Q70L</b>						
2015 V63.7L 35 585			1	—	250-0487	—
2015 V85.6L 35 585			1	—	250-0487	—
<b>QX4</b>						
2003 V63.5L 24 490				153-5656	3T-5857	250-0488
2002 V63.5L 25 360				—	250-0488	8C-3600
2001 V63.5L 24 490				153-5656	3T-5857	250-0488
2000-97 V63.3L Heated Seats & Canada, Optional 24 450				153-5656	3T-5857	250-0488
2000-97 V6 2.7L 25 360				—	250-0488	8C-3600
<b>QX56</b>						
2013-11 V85.6L 27 710				—	8C-3601	430-5997 {243}
2010-04 V85.6L 27F 710				—	8C-3602	—
<b>QX50</b>						
2017 V63.7L 35 585				—	250-0487	—
2017 V63.5L 35 550				—	250-0487	—
<b>QX70</b>						
2017 V63.7L 35 585				—	250-0487	—
<b>QX80</b>						
2017-14 V85.6L 27 780				—	430-5997 {243}	—
<b>ISUZU</b>						

101 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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102 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (103) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (104)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>Amigo</b>						
2000-98 L4 2.2L	24F	600		—	3T-5858	250-0487
2000-98 V6 3.2L	24F	600		—	3T-5858	250-0487
<b>Ascender</b>						
2000-98 L6 4.2L	78	600	11	—	369-9957	—
2000-98 V8 5.3L	78	600	11	—	369-9957	—
<b>Axiom</b>						
2004-02 V63.5L	24F	600		—	3T-5858	250-0487
<b>Hombre</b>						
2000-97 V6 4.3L	75	525		—	7X-6100	250-0489
2000-96 L4 2.2L	75	525		—	7X-6100	250-0489
2000 L4 2.2L Optional	75	690		—	7X-6100	—
2000 V6 4.3L Optional	75	690		—	7X-6100	—
<b>Oasis</b>						
1999-98 L4 2.3L	24F	550		—	3T-5858	250-0487
1997-96 L4 2.2L	24F	550		—	3T-5858	250-0487
<b>Rodeo (Includes Sport)</b>						
2004-01 V6 3.2L Canada or Optional US	27F	625		—	8C-3602	3T-5858
2004-01 V6 3.2L US	24F	600		—	3T-5858	250-0487
2004 V63.5L	24	650		153-5656	3T-5857	250-0488
2003-98 L4 2.2L Canada or Optional US	27F	625		—	8C-3602	3T-5858
2003-98 L4 2.2L US	24F	600		—	3T-5858	250-0487
2000-98 V6 3.2L	24F	600		—	3T-5858	250-0487
1997-96 L4 2.6L	86	430		—	8C-3600	250-0489
1997-96 V6 3.2L w/AT	24	600		153-5656	3T-5857	250-0488
1997-96 V6 3.2L w/MT	86	430		—	8C-3600	250-0489
<b>Trooper</b>						
2002-01 V6 3.5L Optional	27	625		153-5656	8C-3601	3T-5857
2002-01 V6 3.5L w/MT	24	585		153-5656	3T-5857	250-0488
2002-98 V6 3.5L	24	580		153-5656	3T-5857	250-0488
2000-98 V6 3.5L w/AT	27	625		153-5656	8C-3601	3T-5857
1997-96 V6 3.2L w/AT	27	625		153-5656	8C-3601	3T-5857
1997-96 V6 3.2L w/MT	24	580		153-5656	3T-5857	250-0488

MAKE (103) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (104)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>Vehicross</b>						
2001-99 V6 3.5L	27	625		153-5656	8C-3601	3T-5857
2001 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2000 V6 3.5L	24	580		153-5656	3T-5857	250-0488
<b>JAGUAR</b>						
<b>S TYPE</b>						
2008 V8 4.2L	49	850	1, 254	—	307-0751	—
2006-04 V6 3.0L	49	750	1, 254	—	307-0751	—
2006-03 V8 4.2L	49	750	1, 254	—	307-0751	—
2003 V6 3.0L	49	680	1, 254	—	307-0751	—
2003 V6 3.0L Optional	49	750	1, 254	—	307-0751	—
2002-00 V8 4.0L	49	680	1, 254	—	307-0751	—
2002 V6 3.0L	49	600	1, 254	—	430-5993	430-6001
2002 V6 3.0L Optional	49	680	1, 254	—	307-0751	—
2001-00 V6 3.0L	49	680	1, 254	—	307-0751	—
<b>Super V8</b>						
2009-07 V8 4.2L	93	800	1	—	430-6003	—
2006-05 V8 4.2L	93	680	1	—	430-6003	—
<b>Vanden Plas</b>						
2009 V8 4.2L	93	680	1, 139	—	430-6003	—
2008-04 V8 4.2L	93	680		—	430-6003	—
2003-98 V8 4.0L	49	680		—	307-0751	—
1997 L6 4.0L	93	680		—	430-6003	—
1996 L6 4.0L	47	590	1, 8, 49	—	430-6000	—
<b>X-Type</b>						
2008-07 V6 3.0L	47	520		—	430-6000	—
2006-04 V6 3.0L	94R	700	1	—	430-6005	430-6004
2005-04 V6 2.5L	94R	700	1	—	430-6005	430-6004
2003-02 V6 2.5L	92	720		—	430-6001	—
2003-02 V6 3.0L	92	720		—	430-6001	—
<b>XF</b>						
2013-10 V8 5.0L	49	800	1, 254	—	307-0751	—
2010-09 V8 4.2L	49	800	1, 254	—	307-0751	—
<b>XFR</b>						
2015-14 V8 5.0L	49	800	1	—	307-0751	—
2013-10 V8 5.0L	49	800	1, 254	—	307-0751	—
<b>XFR-S</b>						
2015-13 V8 5.0L	49	800	1	—	307-0751	—
<b>XJ</b>						
2015-14 V8 5.0L	49	800	1	—	307-0751	—
2013-11 V8 5.0L	49	800	1, 254	—	307-0751	—
2013 V8 5.0L	49	800	1, 254	—	307-0751	—
<b>XJ-6</b>						

103 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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104 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (105) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (106)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1997-96 L64.0L	47	590	1, 8, 49	—	430-6000	—
L64.0L Optional	49	600	1, 49	—	307-0751	—
<b>XJ-8, XJR</b>						
2006-04 V84.2L	49	750	1, 254	—	307-0751	—
2003-98 V84.0L	49	680	1, 254	—	307-0751	—
2002-98 V84.0L	49	680	254	—	307-0751	—
1997 L64.0L	49	680	254	—	307-0751	—
1996 L64.0L	47	590	254	—	430-6000	—
<b>XJ-12</b>						
1996 V126.0L	47	590	1, 8, 49	—	430-6000	—
<b>XJS</b>						
1996 L64.0L	48	600	1	—	430-5993	430-6001
<b>XK</b>						
2015-14 V85.0L	93	800	1, 254	—	430-6003	—
2013-10 V85.0L	49	800	1, 254	—	307-0751	—
2009-07 V84.2L	93	800	1	—	430-6003	—
<b>XK-8, XKR</b>						
2013-10 V85.0L	49	800	1, 254	—	307-0751	—
2009-07 V84.2L	93	800	1, 254	—	430-6003	—
2006-04 V84.2L	49	750	1, 254	—	307-0751	—
2003 V84.2L	49	680	254	—	307-0751	—
2002-97 V84.0L	49	680	254	—	307-0751	—
<b>XKR-S</b>						
2013-12 V85.0L	49	800	1, 254	—	307-0751	—
<b>JEEP</b>						
<b>Cherokee (See Also Grand Cherokee)</b>						
2017-16 V63.2L	94R	730		—	430-6005	430-6004
2015-14 V63.2L	94R	730		—	430-6005	430-6004
2001-98 L64.0L	34	500		—	8C-3600	250-0486
2000-98 L42.5L	34	500		—	8C-3600	250-0486
1997-96 L42.5L	58	430		—	8C-3612	—
L42.5L Optional	58	500		—	8C-3612	—
1997-96 L64.0L	58	430		—	8C-3612	—
L64.0L Optional	58	500		—	8C-3612	—
<b>Commander</b>						
2010 V63.7L	94R	625		—	430-6005	430-6004
V63.7L Optional	94R	730		—	430-6005	430-6004
2010 V85.7L	94R	625		—	430-6005	430-6004
V85.7L Optional	94R	730		—	430-6005	430-6004
2009 V63.7L	94R	730	276	—	430-6005	430-6004
2009 V84.7L	94R	730	276	—	430-6005	430-6004

MAKE (105) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (106)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009 V85.7L	94R	730	276	—	430-6005	430-6004
V63.7L Early Model	94R	730	276	—	430-6005	430-6004
V63.7L Late Model	94R	625	276	—	430-6005	430-6004
V84.7L Early Model	94R	730	276	—	430-6005	430-6004
V84.7L Late Model	94R	625	276	—	430-6005	430-6004
V85.7L Early Model	94R	730	276	—	430-6005	430-6004
V85.7L Late Model	94R	625	276	—	430-6005	430-6004
2007-06 V63.7L	94R	730		—	430-6005	430-6004
2007-06 V84.7L	94R	730		—	430-6005	430-6004
2007-06 V85.7L	94R	730		—	430-6005	430-6004
<b>Compass</b>						
2017-07 L42.0L	86	525		—	8C-3600	—
L42.4L w/o Start Stop	48	600		—	430-5993	430-6001
2016-07 L42.4L	86	525		—	8C-3600	—
<b>Grand Cherokee</b>						
2016 V85.7L	94R	730	1,80	—	430-6004	—
2016 V86.4L	94R	730	1,80	—	430-6004	—
2015-14 V85.7L	94R	730	1,80,256	—	430-6004	—
2015-14 V86.4L	94R	730	1,80,256	—	430-6004	—
2013-12 V86.4L	94R	700	1,80,256	—	430-6004	—
2013-11 V63.6L	94R	700	1,80,256	—	430-6004	—
2013-11 V85.7L	94R	700	1,80,256	—	430-6004	—
2010 V63.7L	94R	625		—	430-6005	430-6004
2010 V85.7L	94R	625		—	430-6005	430-6004
2010 V86.1L	94R	625		—	430-6005	430-6004
V63.0L Diesel	49	800	276	—	307-0751	—
2009 V63.7L	94R	730	276	—	430-6005	430-6004
2009 V84.7L	94R	730	276	—	430-6005	430-6004
2009 V85.7L	94R	730	276	—	430-6005	430-6004
2009 V86.1L	94R	730	276	—	430-6005	430-6004

105 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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106 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (107) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (108)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2008 V6 3.7L Early Model	94R	730	276	—	430-6005	430-6004
2008 V6 3.7L Late Model	94R	625	276	—	430-6005	430-6004
2008 V8 4.7L Early Model	94R	730	276	—	430-6005	430-6004
2008 V8 4.7L Late Model	94R	625	276	—	430-6005	430-6004
2008 V8 5.7L Early Model	94R	730	276	—	430-6005	430-6004
2008 V8 5.7L Late Model	94R	625	276	—	430-6005	430-6004
2008 V8 6.1L Early Model	94R	730	276	—	430-6005	430-6004
2008 V8 6.1L Late Model	94R	625	276	—	430-6005	430-6004
2007-06 V8 6.1L	94R	730		—	430-6005	430-6004
2007-05 V6 3.7L	94R	730	1	—	430-6005	430-6004
2007-05 V8 4.7L	94R	730		—	430-6005	430-6004
2007-05 V8 5.7L	94R	730		—	430-6005	430-6004
2007 V6 3.0L Diesel	94R	730	1	—	430-6005	430-6004
2004-99 L6 4.0L	65	625		230-6368	250-0484	9X-5408
2004-99 V8 4.7L	65	625		230-6368	250-0484	9X-5408
1998-96 L6 4.0L	34	600		—	250-0486	127-0826
1998-96 V8 5.2L	34	600		—	250-0486	127-0826
1998 V8 5.9L	34	600		—	307-0751	127-0826
<b>Liberty</b>						
2012-10 V6 3.7L	34	800		—	430-5997 {243}	—
2009-08 V6 3.7L	34	750	276	—	430-5997 {243}	—
2007-03 V6 3.7L	34	680		—	430-5997 {243}	—
2005-03 L4 2.4L	34	680		—	430-5997 {243}	—
2002 L4 2.4L	86	800		—	8C-3600	—
2002 V6 3.7L	86	800		—	8C-3600	—
<b>Patriot</b>						
2017-10 L4 2.0L	86	525		—	8C-3600	—
2017-10 L4 2.4L	86	525		—	8C-3600	—
2009-08 L4 2.0L	86	525	276	—	8C-3600	—
2009-08 L4 2.4L	86	525	276	—	8C-3600	—

MAKE (107) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (108)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2007 L4 2.0L	86	525		—	8C-3600	—
2007 L4 2.4L	86	525		—	8C-3600	—
<b>Renegade</b>						
2016-15 L4 1.4L	48	600		—	430-5993	430-6001
2016-15 L4 2.4L	48	600		—	430-5993	430-6001
<b>TJ</b>						
2006-05 L4 2.4L	34	600		—	250-0486	127-0826
2006-97 L6 4.0L	34	600		—	250-0486	127-0826
2003 L4 2.4L	34	600		—	250-0486	127-0826
2002-97 L4 2.5L	34	600		—	250-0486	127-0826
2001-00 L4 2.5L	34	500		—	8C-3600	250-0486
2001-00 L6 4.0L	34	500		—	8C-3600	250-0486
<b>Wrangler</b>						
2013-13 V6 3.6L	48	600		—	430-5993	430-6001
2011-10 V6 3.8L	34	600		—	250-0486	127-0826
2009-08 V6 3.8L	34	600	276	—	250-0486	127-0826
2007 V6 3.8L	34	600		—	250-0486	127-0826
2006-03 L4 2.4L	34	600		—	250-0486	127-0826
2006-02 L6 4.0L	34	600		—	250-0486	127-0826
2002 L4 2.5L	34	600		—	250-0486	127-0826
2001-97 L4 2.5L	34	500		—	8C-3600	250-0486
2001-97 L6 4.0L	34	500		—	8C-3600	250-0486
2000-97 L4 2.5L Optional	34	600		—	250-0486	127-0826
2000 L6 4.0L Optional	34	600		—	250-0486	127-0826
<b>KIA</b>						
<b>Amanti</b>						
2009-07 V6 3.8L	124R	600		—	430-6011	—
2006-05 V6 3.5L	124R	600		—	430-6011	—
<b>Borrego</b>						
2011-09 V6 3.8L	124R	600		—	430-6011	—
<b>Cadenza</b>						
2017 V6 3.3L	94R	800	80	—	430-6004	—
2016-14 V6 3.3L	124R	600		—	430-6011	—
<b>Forte</b>						
2017 L4 2.0L Exc LX	48	640		—	430-5993	—
2016-14 L4 1.8L	47	550		—	430-6000	—
2016-14 L4 2.0L	48	640		—	430-5993	—
2013-10 L4 2.0L	121R	550		—		—
2013-10 L4 2.4L	121R	550		—		—
<b>Forte Koup</b>						
2016-14 L4 1.6L	47	600		—	430-6000	—

107 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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108 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (109) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (110)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016-14 L4 2.0L	48	640		—	430-5993	—
2013-10 L4 2.0L	121R	550		—		—
2013-10 L4 2.4L	121R	550		—		—
<b>Forte5</b>						
2017 L4 2.0L Exc LX	48	640		—	430-5993	—
2016-14 L4 1.6L	47	550		—	430-6000	—
2016-14 L4 2.0L	48	640		—	430-5993	—
2013-12 L4 2.0L	121R	550		—		—
2013-12 L4 2.4L	121R	550		—		—
<b>Magentis</b>						
2010-02 V6 2.7L	124R	600		—	430-6011	—
2010-01 L4 2.4L	124R	600		—	430-6011	—
2001 V6 2.5L	124R	600		—	430-6011	—
<b>Optima</b>						
2017-16 L4 1.6L	94R	800	80	—	430-6004	—
2017-16 L4 2.4L	94R	800	80	—	430-6004	—
2017-16 V6 3.3L	94R	800	80	—	430-6004	—
2015-14 V6 3.3L	124R	660		—	430-6011	—
2015 L4 2.4L	124R	660		—	430-6011	—
2014 L4 2.4L	124R	600		—	430-6011	—
2013-11 L4 2.4L	124R	700		—	430-6011	—
2013-11 V6 3.5L	124R	700		—	430-6011	—
<b>Soul</b>						
2017-13 L4 1.6L w/o Idle Stop and Go	121R	550		—		—
2016-13 L4 2.0L w/o Idle Stop and Go	121R	550		—		—
2012-10 L4 1.6L	121R	550		—		—
2012-10 L4 2.0L	121R	550		—		—
<b>Spectra</b>						
2009-04 L4 2.0L	121R	540	49	—	430-6004	—
2004 L4 1.8L	121R	540	49	—		—
2003-00 L4 1.8L	90	450	49	—	430-6000	—
<b>Specialty</b>						
2009-05 L4 2.0L	121R	540	49	—		—
<b>Sportage</b>						
2017 L4 2.0L	48	640		—	430-5993	—
2017 L4 2.4L	48	640		—	430-5993	—
2016-11 L4 2.4L	124R	600		—	430-6011	—
2016-05 L4 2.0L	124R	600		—	430-6011	—
2010-05 V6 2.7L	124R	600		—	430-6011	—
2002-01 L4 2.0L	86	540	49	—	8C-3600	250-0489

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110 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (111) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (112)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2000 L4 2.0L From 5/ 16/00	86	540	49	—	8C-3600	250-0489
2000 L4 2.0L To 5/16/00	58	470		—	8C-3612	—
1999-96 L4 2.4L	58	470		—	8C-3612	—
<b>LAMBORGHINI</b>						
<b>Aventador</b>						
2012 V12 6.5L	49	800	1	—	307-0751	—
<b>Gallardo</b>						
2012-09 V10 5.2L	49	800	1, 253	—	307-0751	—
2009 V10 5.0L	49	800	1, 253	—	307-0751	—
2008 V10 5.0L	49	800	1	—	307-0751	—
<b>Murcielago</b>						
2010-08 V12 6.5L	49	800	—	307-0751	—	—
2007-01 V12 6.2L	91	350	1	—	430-6001	—
<b>LAND ROVER</b>						
<b>Defender (Includes 90, 110)</b>						
1997 V8 4.0L	24	600	24	153-5656	3T-5857	250-0488
<b>Discovery</b>						
2004 V8 4.6L	34	700	24	—	430-5997 {243}	—
2003 V8 4.6L	24	590	24	153-5656	3T-5857	250-0488
2002-99 V8 4.0L	24	600	24	153-5656	3T-5857	250-0488
1998 V8 4.0L	24	600		153-5656	3T-5857	250-0488
1997-96 V8 4.0L	34	600		—	430-5997 {243}	—
<b>FreeLander</b>						
2005-02 V6 2.5L	48	680		—	430-5993	430-6001
<b>LR2</b>						
2015-13 L4 2.0L	94R	720		—	430-6005	430-6004
2012-08 L6 3.2L	94R	720		—	430-6005	430-6004
<b>LR3</b>						
2009-07 V6 4.0L	94R	700		—	430-6005	430-6004
2009-05 V8 4.4L	94R	700		—	430-6005	430-6004
2006-05 V6 4.0L	49	720		—	307-0751	—
<b>LR4</b>						
2016-14 V6 3.0L	94R	720		—	430-6005	—
2013-10 V8 5.0L	94R	720		—	430-6005	430-6004
<b>Range Rover</b>						
2011 V8 5.0L VIN UP TO B- A346441	49	800		—	307-0751	—
2010 V8 5.0L	49	800		—	430-6011	—

MAKE (111) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (112)		Replacement	
					Option 1	Option 2
2012-11 V6 3.5L	124R	660		—	430-6011	—
2010-06 V6 3.8L	124R	600		—	430-6011	—
2005-03 V6 3.5L	24F	500		—	3T-5858	250-0487
2012-11 V6 3.5L	124R	660		—	430-6011	—
2010-06 V6 3.8L	124R	600		—	430-6011	—
2005-03 V6 3.5L	24F	500		—	3T-5858	250-0487
2002 V6 3.5L Mfg. After June 30	24F	600	17	—	3T-5858	250-0487
2002 V6 3.5L Mfg. Be- fore July 1	24F	600	17	153-5656	3T-5857	250-0488
<b>Sephia</b>						
2001-96 L4 1.8L	90	450	—	430-6000	—	—
1997-96 L4 1.6L	56	450		—		8C-3611
<b>Optima</b>						
2017-16 L4 2.0L	94R	800	80	—	430-6004	—
2017-16 L4 2.4L	94R	800	80	—	430-6004	—
2017-16 V6 3.3L	94R	800	80	—	430-6004	—
2015-14 V6 3.3L	124R	660		—	430-6011	—
2015 L4 2.4L	124R	660		—	430-6011	—
<b>LAND ROVER</b>						
<b>ES 300</b>						
2003-99 V6 3.0L	35	360		—	250-0487	369-9958
2003-96 V6 3.0L Optional	24F	585		—	3T-5858	250-0487
1997-96 V6 3.0L	35	360		—	250-0487	369-9958
<b>ES 330</b>						
2006-04 V6 3.3L	24F	585		—	3T-5858	250-0487
<b>ES 350</b>						
2017-07 V6 3.5L	24F	585		—	3T-5858	250-0487
<b>GS F</b>						
2017-16 V8 5.0L	24F	585		153-5656	3T-5857	250-0488
<b>GS200t</b>						
2016 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>GS 300</b>						
2006 V6 3.0L	24	585		153-5656	3T-5857	250-0488
2005-98 L6 3.0L	24	585		153-5656	3T-5857	250-0488
1997-96 L6 3.0L	24F	585		—	3T-5858	250-0487
<b>GS 350</b>						
2017-16 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2015-13 V6 3.5L	24	580		153-5656	3T-5857	250-0488
2011-07 V6 3.5L	24	585		153-5656	3T-5857	250-0488
<b>GS 400</b>						
2000-98 V8 4.0L	24	585		153-5656	3T-5857	250-0488
<b>GS 430</b>						
2007-01 V8 4.3L	24	585		153-5656	3T-5857	250-0488
<b>GS460</b>						

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112 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (113) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (114)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2011-08 V8 4.6L	24	585		153-5656	3T-5857	250-0488
<b>GS Turbo</b>						
2017 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>GX460</b>						
2017-10 V8 4.6L	24F	585		—	3T-5858	250-0487
<b>GX 470</b>						
2009-03 V8 4.7L	27F	710		—	8C-3602	—
<b>IS F</b>						
2014-08 V8 5.0L	24	585		153-5656	3T-5857	250-0488
<b>IS Turbo</b>						
2017 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>IS200t</b>						
2016 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>IS250</b>						
2015-06 V6 2.5L	24	585		153-5656	3T-5857	250-0488
<b>IS300</b>						
2017-16 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2005-01 L6 3.0L	24	585		153-5656	3T-5857	250-0488
<b>IS350</b>						
2017-06 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2014 V6 3.5L	24	580		153-5656	3T-5857	250-0488
<b>LS 400</b>						
2000-96 V8 4.0L	24F	585		—	3T-5858	250-0487
<b>LS 430</b>						
2006-01 V8 4.3L	24F	585		—	3T-5858	250-0487
<b>LS 460</b>						
2016-15 V8 4.6L w/o PTC Heater	24	580		153-5656	3T-5857	250-0488
2016-13 V8 4.6L w/PTC Heater	27	660		—	8C-3601	430-5997 {243}
2014-13 V8 4.6L w/o PTC Heater	24	585		153-5656	3T-5857	250-0488
2012-07 V8 4.6L	24	585		153-5656	3T-5857	250-0488
<b>LX 450</b>						
1997-96 L6 4.5L	27F	625		—	8C-3602	3T-5858
<b>LX 470</b>						
2007-03 V8 4.7L	27F	710		—	8C-3602	—
2002 V8 4.7L	27F	585		—	8C-3602	3T-5858
2001-98 V8 4.7L	27F	650		—	8C-3602	3T-5858
<b>LS570</b>						
2017-13 V8 5.7L	27F	710		—	8C-3602	—
2011-08 V8 5.7L	27F	710		—	8C-3602	—
<b>NX200t</b>						
2017-15 L4 2.0L	24F	580		—	3T-5858	250-0487

MAKE (113) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (114)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>RC Turbo</b>						
2017 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>RC200t</b>						
2016 L4 2.0L	24	585		153-5656	3T-5857	250-0488
<b>RC300</b>						
2017 V6 3.5L	24	580		153-5656	3T-5857	250-0488
2016 V6 3.5L	24	585		153-5656	3T-5857	250-0488
<b>RC350</b>						
2017-15 V6 3.5L	24	585		153-5656	3T-5857	250-0488
<b>RX 300</b>						
2003-99 V6 3.0L	24F	585		—	3T-5858	250-0487
<b>RX 330</b>						
2006-04 V6 3.3L	24F	585		—	3T-5858	250-0487
<b>RX 350</b>						
2016 V6 3.5L	24F	585		—	3T-5858	250-0487
2015-10 V6 3.5L	24F	585	23	—	3T-5858	250-0487
2009-07 V6 3.5L	24F	585		—	3T-5858	250-0487
<b>SC 300</b>						
2000-97 L6 3.0L	24F	585		—	3T-5858	250-0487
1996 L6 3.0L	27F	450		—	8C-3602	3T-5858
<b>SC 400</b>						
2000-96 V8 4.0L	27F	625	6	—	8C-3602	3T-5858
<b>SC 430</b>						
2010-03 V8 4.3L	48	585		—	430-5993	430-6008
2002 V8 4.3L	48	625		—	430-5993	430-6008
<b>LINCOLN</b>						
<b>Aviator</b>						
2005-03 V8 4.6L	65	650		230-6368	250-0484	9X-5408
<b>Blackwood</b>						
2002 V8 5.4L	65	650		230-6368	250-0484	9X-5408
<b>Continental</b>						
2017 V6 2.7L	94R	730		—	430-6005	430-6004
2017 V6 3.0L	94R	730		—	430-6005	430-6004
2017 V6 3.7L Livery	94R	730		—	430-6005	430-6004
2017 V6 3.7L Non Livery	48	610		—	430-5993	430-6001
2002-97 V8 4.6L	65	750		230-6368	9X-5408	430-5998
1996 V8 4.6L	65	850		230-6368	9X-5408	—
<b>Sportage</b>						
2006-00 V8 3.9L	66	650	1, 139	230-6368	250-0484	430-5998
2005-01 V6 3.0L Optional	66	750	1, 139	230-6368	430-5998	9X-5408
2005-01 V8 3.9L Optional	66	750	1, 139	230-6368	430-5998	9X-5408

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114 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (115) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (116)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-00 V6 3.0L	66	650	1, 139	230-6368	250-0484	430-5998
<b>MKC</b>						
2017-15 L4 2.3L	48	610		—	430-5993	430-6001
L4 2.0L w/o Start Stop	48	610		—	430-5993	430-6001
2008 V10 5.0L	48	610		—	430-5993	430-6001
<b>MKS</b>						
2016-10 V6 3.5L	65	650		230-6368	250-0484	9X-5408
2016-09 V6 3.7L	65	650		230-6368	250-0484	9X-5408
<b>MKT</b>						
2017 V6 3.5L	65	750		230-6368	9X-5408	430-5998
2017 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2016-15 V6 3.5L	65	650		230-6368	250-0484	9X-5408
2016-15 V6 3.7L	65	650		230-6368	250-0484	9X-5408
2016 L4 2.0L	65	650		230-6368	250-0484	9X-5408
2015 L4 2.0L	65	750		230-6368	9X-5408	430-5998
2014-13 L4 2.0L	65	650		230-6368	250-0484	9X-5408
2014-13 V6 3.5L	65	750		230-6368	9X-5408	430-5998
2014-13 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2012-10 V6 3.5L	65	650		230-6368	250-0484	9X-5408
V6 3.5L Optional	65	750		230-6368	9X-5408	430-5998
2012-10 V6 3.7L	65	650		230-6368	250-0484	9X-5408
V6 3.7L Optional	65	750		230-6368	9X-5408	430-5998
<b>MKX</b>						
2017 V6 2.7L Start Stop	94R	800	80	—	430-6004	—
V6 2.7L w/o Start Stop	94R	730		—	430-6005	430-6004
2017 V6 3.7L	94R	800	80	—	430-6004	—
2016 V6 2.7L	94R	730		—	430-6005	430-6004
2016 V6 3.7L	94R	730		—	430-6005	430-6004
2015-11 V6 3.7L	65	650		230-6368	250-0484	9X-5408
<b>MKZ</b>						
2017 L4 2.0L Gas	94R	730		—	430-6005	430-6004
2017 L4 2.0L Hybrid	90	590	1, 139	—	430-6000	
2017 L4 2.0L Start Stop	94R	800	80	—	430-6004	—
2017 V6 3.0L	94R	730		—	430-6005	430-6004
2016-13 V6 3.7L	90	590		—	430-6000	—
2016 L4 2.0L	90	590		—	430-6000	—

MAKE (115) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (116)	Replacement		
				Option 1	Option 2	
2015-13 L4 2.0L Gas	90	590		—	430-6000	—
L4 2.0L Gas, Optional	96R	590		—	430-6007	—
2013 L4 2.0L Hybrid, Optional	96R	590	139	—	430-6007	—
2012-10 V6 3.5L	96R	500		—	430-6007	—
2009-07 V6 3.5L	96R	590		—	430-6007	—
<b>Mark LT</b>						
2008-06 V8 5.4L	59	540		—	8C-3612	—
V8 5.4L Optional	24F	585		230-6368	250-0484	9X-5408
<b>Mark Series</b>						
V8 4.6L Canada or Optional US	65	850		230-6368	9X-5408	—
1998-96 V8 4.6L US	65	650		230-6368	250-0484	9X-5408
<b>Navigator</b>						
2017-07 V6 3.5L	65	750		230-6368	9X-5408	430-5998
V8 5.4L w/Flex Fuel	65	750		230-6368	9X-5408	430-5998
2014 V8 5.4L Exc Climate Seats	65	650		230-6368	250-0484	9X-5408
2013-07 V6 3.5L Mfg. Be- fore July 1	65	750		230-6368	9X-5408	430-5998
2002 V6 3.5L	65	650		230-6368	250-0484	9X-5408
V6 3.0L Optional	65	750		230-6368	9X-5408	430-5998
2003-96 V6 3.0L Optional	65	750		230-6368	9X-5408	430-5998
<b>Town Car</b>						
V8 4.6L Long Wheel Base	65	750		230-6368	9X-5408	430-5998
2011-06 V8 4.6L Short Wheel Base	65	650		230-6368	250-0484	9X-5408
2005-97 V8 4.6L	65	650		230-6368	250-0484	9X-5408
2005 V8 4.6L Limo	65	750		230-6368	9X-5408	430-5998
2004 V8 4.6L Optional & Limo	65	750		230-6368	9X-5408	430-5998

115 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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116 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (117) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (118)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003-99 V8 4.6L Limo	65	750		230-6368	9X-5408	430-5998
1998-97 V8 4.6L Limo	65	850		230-6368	9X-5408	—
1996 V8 4.6L Exc HWS or Limo	65	650		230-6368	250-0484	9X-5408
1996 V8 4.6L HWS or Opt. Limo	65	850		230-6368	3T-5857	—
<b>Zephyr</b>						
2006 V6 3.0L	40R	590		—	430-6001	—
<b>LOTUS</b>						
<b>Elise</b>						
2009-08 L4 1.8L	47	520		—	430-6000	—
2007-05 L4 1.8L	26R	550		—	369-9958	—
<b>Exige</b>						
2009-08 L4 1.8L	48	600		—	430-5993	—
2007-06 L4 1.8L	26R	550		—	369-9958	—
<b>GranTurismo</b>						
2013-09 V8 4.7L	65	600	1, 8, 139	—	430-5993	—
2011-08 V8 4.2L	24	600	1, 8, 139	—	430-5993	—
<b>Quattroporte</b>						
2013-09 V8 4.7L	65	850	1, 8, 139	—	307-0751	—
2011-08 V8 4.2L	24	600	1, 8, 139	—	430-5993	—
<b>MAZDA</b>						
<b>2</b>						
2014-13 L4 1.5L	21R	350		—	369-9958	250-0487 {32}
2014-13 L4 1.5L Canada & Cold Climate	35	525		—	250-0487	369-9958
2012-11 L4 1.5L US	21R	350		—	369-9958	250-0487 {32}
2012 L4 1.5L Canada & Cold Climate	35	525		—	250-0487	369-9958
2011 L4 1.5L Canada	35	525		—	250-0487	369-9958
<b>3</b>						
2016-15 L4 2.0L Exc i- ELOOP	35	520		—	250-0487	369-9958

MAKE (117) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (118)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016-15 L4 2.5L Exc i- ELOOP	35	520		—	250-0487	369-9958
2014-12 L4 2.0L SKYAC- TIV	35	525		—	250-0487	369-9958
2014-11 L4 2.0L Canada & Cold Climate	35	525		—	250-0487	369-9958
2014-11 L4 2.5L Canada & Cold Climate	35	525		—	250-0487	369-9958
2014 L4 2.0L US	21R	350		—	369-9958	250-0487 {32}
2014 L4 2.5L US	21R	350		—	369-9958	250-0487 {32}
2013-11 L4 2.0L	21R	350		—	369-9958	250-0487 {32}
2013-11 L4 2.3L	35	525		—	250-0487	369-9958
2013-11 L4 2.3L	21R	350		—	369-9958	250-0487 {32}
2010-08 L4 2.0L w/AT	35	355		—	250-0487	369-9958
2010-08 L4 2.0L w/MT	26R	310		—	369-9958	250-0487 {32}
2010-08 L4 2.3L w/MT	26R	310		—	369-9958	250-0487 {32}
2010 L4 2.5L w/AT	35	355		—	250-0487	369-9958
2010 L4 2.5L w/MT	26R	310		—	369-9958	250-0487 {32}
2009-08 L4 2.3L w/AT	35	355		—	250-0487	369-9958
2007 L4 2.0L	35	355		—	250-0487	369-9958
2007 L4 2.0L Cold Climate	35	490		—	250-0487	369-9958
2007 L4 2.3L	35	355		—	250-0487	369-9958
2007 L4 2.3L Cold Climate	35	490		—	250-0487	369-9958
2006-04 L4 2.3L	35	550		—	250-0487	—
2006 L4 2.0L	35	550		—	250-0487	—
2005-04 L4 2.0L Optional	35	520		—	250-0487	369-9958
2005 L4 2.0L	21R	350		—	369-9958	250-0487 {32}
2004 L4 2.0L	21R	310		—	369-9958	250-0487 {32}
<b>3 Sport</b>						

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118 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (119) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (120)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2014-12 L4 2.0L	21R	350		—	369-9958	250-0487 {32}
2014-12 L4 2.0L Canada & Cold Climate	35	525		—	250-0487	369-9958
2014-12 L4 2.0L SKYACTIV	35	525		—	250-0487	369-9958
2014-12 L4 2.5L	21R	350		—	369-9958	250-0487 {32}
2014-12 L4 2.5L Canada & Cold Climate	35	525		—	250-0484	9X-5408
2010 L4 2.0L	35	525		—	250-0487	369-9958
2010 L4 2.5L	35	525		—	250-0487	369-9958
<b>5</b>						
2015-12 L4 2.5L w/AT	35	550		—	250-0487	—
2015-12 L4 2.5L w/MT	26R	540		—	369-9958	—
2010 L4 2.3L w/AT	35	550		—	250-0487	—
2010 L4 2.3L w/MT	26R	540		—	369-9958	—
2009 L4 2.3L w/AT	35	355		—	250-0487	369-9958
2009 L4 2.3L w/MT	26R	540		—	369-9958	—
2008-06 V6 3.5L	35	550		—	250-0487	—
<b>6</b>						
2017-16 L4 2.5L Exc i- ELOOP	35	520		—	250-0487	369-9958
2015-14 L4 2.5L Exc i- ELOOP	35	520		—	250-0487	—
2013-09 L4 2.5L	96R	590		—	430-6007	430-6000
2013-09 V6 3.7L	96R	590		—	430-6007	430-6000
2008 L4 2.3L	40R	590		—	430-6001	—
2008 V6 3.0L	40R	590		—	430-6001	—
2007-06 L4 2.3L Exc Mazda- Speed	40R	585		—	430-6001	—
2007-06 L4 2.3L Mazda- Speed	65	750		—	250-0487	—
2007-06 V6 3.0L	40R	585		—	430-6001	—
2006-03 V6 3.0L	40R	590		—	430-6001	—

MAKE (119) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (120)	Replacement		
				Option 1	Option 2	
2005-03 L4 2.3L	40R	590		—	430-6001	—
<b>B2300 - Pickup</b>						
1997-96 L4 2.3L Optional	65	540		230-6368	250-0484	9X-5408
1997 L4 2.3L	59	540		—	8C-3612	—
1996 L4 2.3L	58	540		—	8C-3612	—
<b>B2500 - Pickup</b>						
2001-98 L4 2.5L	59	540		—	8C-3612	—
<b>B3000 - Pickup</b>						
2008-98 V6 3.0L	59	540		—	8C-3612	—
1997-96 V6 3.0L	58	540		—	8C-3612	—
<b>B4000 - Pickup</b>						
2010-98 V6 4.0L	59	540		—	8C-3612	—
1997-96 V6 4.0L	65	650		230-6368	250-0484	9X-5408
<b>CX-3</b>						
2017 L4 2.0L	35	520		—	250-0487	369-9958
2016 L4 2.0L Exc i- ELOOP	35	520		—	250-0487	369-9958
<b>CX-5</b>						
2016-14 L4 2.5L	55D- 23L	550	12	—	250-0487	—
2016-13 L4 2.0L	55D- 23L	550	12	—	250-0487	—
<b>CX-7</b>						
2012-11 L4 2.3L US	35	525		—	250-0487	369-9958
2012-11 L4 2.5L	35	550		—	250-0487	—
2012-10 L4 2.3L Canada	24F	585		—	3T-5858	250-0487
2010 L4 2.3L US	35	550		—	250-0487	—
2012-10 L4 2.5L Canada	24F	585		—	3T-5858	250-0487
2010 L4 2.5L US	35	550		—	250-0487	—
2009-07 L4 2.3L	35	360		—	250-0487	369-9958
<b>CX-9</b>						
2016 L4 2.5L	35	520		—	250-0487	369-9958
2015-08 V6 3.7L	24F	585		—	3T-5858	250-0487
2007 V6 3.5L	24F	585		—	3T-5858	250-0487
<b>MVP</b>						
2006-02 V6 3.0L	35	360	—	—	250-0487	369-9958
2006-02 V6 3.0L Optional	24F	490		—	3T-5858	250-0487
2001-00 V6 2.5L	35	360		—	250-0487	369-9958
2001-00 V6 2.5L Optional	24F	490		—	3T-5858	250-0487
1998-96 V6 3.0L Canada or Optional US	24F	490		—	3T-5858	250-0487

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120 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (121) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (122)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003-99 V8 4.6L Limo	65	750		230-6368	9X-5408	430-5998
<b>MX3</b>						
1996 L4 1.6L	21R	310		—	369-9958	250-0487 {32}
1996 L4 1.6L Optional	35	350		—	250-0487	369-9958
<b>Millenia</b>						
2002-01 V6 2.3L	25	520		—	250-0487	369-9958
2002-01 V6 2.5L Optional	24F	490		—	3T-5858	250-0487
2002-96 V6 2.3L Optional	24F	585		—	3T-5858	250-0487
2002 V6 2.5L	35	520		—	250-0487	369-9958
2001 V6 2.5L	35	360		—	250-0487	369-9958
2000-96 V6 2.3L	35	490		—	250-0487	369-9958
2000-96 V6 2.5L	35	350		—	250-0487	369-9958
2000 V6 2.5L Optional	25	490		—	250-0487	369-9958
<b>Protoge</b>						
2003-01 L4 1.6L Optional	35	520		—	250-0487	369-9958
2003-01 L4 2.0L	21R	310		—	369-9958	250-0487 {32}
2003-01 L4 2.0L Optional	35	520		—	250-0487	369-9958
2003-99 L4 1.6L	21R	310		—	369-9958	250-0487 {32}
2000-99 L4 1.6L Optional	35	350		—	250-0487	369-9958
2000-99 L4 1.8L	35	350		—	250-0487	369-9958
1998-96 L4 1.5L	21R	310		—	369-9958	250-0487 {32}
1998-96 L4 1.5L Optional	35	350		—	250-0487	369-9958
1998-96 L4 1.8L	21R	310		—	250-0487	369-9958
<b>RX8</b>						
2011 R2 1.3L Canada	35	525		—	250-0487	369-9958
2011 R2 1.3L US	24F	585		—	3T-5858	250-0487
2010 R2 1.3L	35	550		—	250-0487	—
2009-04 R2 1.3L	35	640	151	—	250-0487	—
<b>Tribute</b>						
2011 L4 2.5L	96R	590		—	430-6007	—
2011 V6 3.0L	96R	590		—	430-6007	—

MAKE (121) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (122)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2010-09 L4 2.5L Hybrid	96R	500		—	430-6007	—
2010 L4 2.5L Gas	40R	650		—	430-6001	—
2010 V6 3.0L	40R	650		—	430-6001	—
2009-08 V6 3.0L	40R	590		—	430-6001	—
2009 L4 2.5L Gas	40R	590		—	430-6001	—
2008 L4 2.3L Gas	40R	590		—	430-6001	—
2008 L4 2.3L Hybrid	96R	500		—	430-6007	—
2006-05 L4 2.3L	40R	590		—	430-6001	—
2006-01 V6 3.0L	40R	590		—	430-6001	—
2004-01 L4 2.0L	96R	500		—	430-6007	430-6000
<b>MERCEDES-BENZ</b>						
<b>B200</b>						
2011-06 L4 2.0L	48	680	1, 8, 258	—	430-5993	—
<b>B250</b>						
2017 L4 2.0L	94R	800	8, 80	—	430-6004	—
<b>C220</b>						
1996 L4 2.2L	49	825	1	—	307-0751	—
<b>C230</b>						
2009-08 V6 2.5L	49	760	1, 8, 139	—	307-0751	—
2007-06 V6 2.5L	49	760	1, 8, 261	—	250-0487	369-9958
2005-03 L4 1.8L	49	825	1, 261	—	307-0751	—
2002 L4 2.3L	49	825	1, 261	—	307-0751	—
2000-97 L4 2.3L	49	825	1, 261	—	307-0751	—
<b>C240</b>						
2005-04 V6 2.6L	49	825	261	—	307-0751	—
2003 V6 2.6L	49	850	1, 8, 261	—	307-0751	—
2005-04 V6 2.6L	49	825	1, 8, 261	—	307-0751	—
<b>C280</b>						
2007-06 V6 3.0L	49	760	1, 261	—	307-0751	—
2000-98 V6 2.8L	49	825	1, 261	—	307-0751	—
1997-96 L6 2.8L	49	825	1, 261	—	307-0751	—
<b>C320</b>						
2005-04 V6 3.2L	49	825	1, 261	—	307-0751	—
2003 V6 3.2L	49	850	1, 261	—	307-0751	—
2002-01 V6 3.2L	49	825	1, 261	—	307-0751	—
<b>C350</b>						
2016 V6 3.5L	94R	700	1, 8	—	430-6005	430-6004
2015-08 V6 3.5L	94R	700	1, 8, 261	—	430-6005	430-6004

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122 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (123) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (124)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2007-06 V6 3.5L	49	760	1, 8, 261	—	307-0751	—
<b>C250</b>						
2012-10 V6 2.5L	94R	700	1, 8, 261	—	430-6005	430-6004
2012 L4 1.8L	94R	700	1, 8, 261	—	430-6005	430-6004
<b>C300</b>						
2015 L4 2.0L	94R	700		—	250-0487	—
2014-13 V6 3.5L	94R	700		—	250-0487	—
2012-08 V6 3.0L	94R	700		—	250-0487	—
<b>C32 AMG</b>						
2004-03 V6 3.2L	49	825	1, 139	—	307-0751	—
2002 V6 3.2L	49	850	1, 139	—	307-0751	—
<b>C36 AMG</b>						
1997-96 L6 3.6L	49	825	1	—	307-0751	—
<b>C43 AMG</b>						
2000-98 V8 4.3L	49	825	1	—	307-0751	—
<b>C55 AMG</b>						
2006 V8 5.5L	49	760	1, 261	—	307-0751	—
2006 V8 5.5L Optional	49	825	1, 261	—	307-0751	—
2005 V8 5.5L	49	825	1, 261	—	307-0751	—
<b>CL55 AMG</b>						
2005-04 V8 5.5L	49	825	1, 46	—	307-0751	—
2003 V8 5.5L	49	850	1, 46	—	307-0751	—
2002-01 V8 5.5L	49	825	1, 46	—	307-0751	—
<b>CL 500</b>						
2005-98 V8 5.0L	49	825	1, 46	—	307-0751	—
<b>CL 600</b>						
2002-01 V12 5.8L	49	825	1, 139	—	307-0751	—
1999-98 V12 6.0L	49	760	1, 8, 139	—	307-0751	—
<b>CL K320</b>						
2005-98 V6 3.2L	49	825	1, 46	—	307-0751	—
<b>CL K350</b>						
2009-06 V6 3.5L	49	760	1, 261	—	307-0751	—
<b>CL K430</b>						
2003-99 V8 4.3L	49	825	1, 46	—	307-0751	—
<b>CL K500</b>						
2006 V8 5.0L	49	760	1, 46	—	307-0751	—
2005-03 V8 5.0L	49	825	1, 46	—	307-0751	—
<b>CL K55 AMG</b>						
2006 V8 5.5L	49	760	1, 46	—	307-0751	—
2005-01 V8 5.5L	49	825	1, 46	—	307-0751	—

MAKE (123) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (124)	Replacement	
				Option 1	Option 2
<b>CLK550</b>					
2009-07 V8 5.5L	49	760	1, 261	—	307-0751
<b>CLK63 AMG</b>					
2009-07 V8 6.3L	49	760	1, 261	—	307-0751
<b>E55 AMG</b>					
2005-04 V8 5.5L	49	825	1	—	307-0751
2002-99 V8 5.5L	49	825	1, 41	—	307-0751
<b>E280</b>					
2007 V6 3.0L	49	850	1, 8, 139	—	307-0751
<b>E300 Turbo Diesel</b>					
2013-12 V6 3.5L	49	850	1, 8, 139	—	307-0751
2009-08 V6 3.0L Auxiliary Battery	400	200	80, 218, 261	—	—
2009-08 V6 3.0L Starting Battery	49	850	1, 8, 139	—	307-0751
1999-96 L6 3.0L Diesel	49	825	1, 141	—	307-0751
<b>E320</b>					
2009 V6 3.0L Primary Battery	49	760	1, 139	—	307-0751
2008-07 V6 3.0L Diesel, Primary Battery	49	850	1, 139	—	307-0751
2005-03 V6 3.2L	49	825	1, 139	—	307-0751
2005 L6 3.2L	49	825	1, 139	—	307-0751
2005 L6 3.2L Diesel, Primary Battery	49	850	139	—	307-0751
2002-99 V6 3.2L	49	825	1, 41	—	307-0751
1998 V6 3.2L	48	690		—	430-5993 430-6001
1997-96 L6 3.2L	48	690		—	430-5993 430-6001
<b>E350</b>					
2009-07 V6 3.5L Primary Battery	48	680	1, 8	—	430-5993 430-6001
2009 V6 3.5L Optional	49	760	1, 8	—	307-0751
2008-07 V6 3.5L Optional	49	760	1, 8, 261	—	307-0751
2006 V6 3.5L Optional	49	760	1, 8, 139	—	307-0751

123 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

124 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (125) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (126)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2006 V6 3.5L Primary Battery	48	680	1, 8, 139	—	430-5993	430-6001
<b>E420</b>						
1997 V8 4.2L	48	690	41	—	430-5993	430-6001
<b>E430</b>						
2002-00 V8 4.3L	49	825	1, 41	—	307-0751	—
1999-98 V8 4.3L	49	825	1	—	307-0751	—
<b>E500</b>						
2005-03 V8 5.0L	49	825	1, 139	—	307-0751	—
<b>E550</b>						
2017-16 V8 4.6L	94R	700	1, 8	—	430-6005	430-6004
2015-12 V8 4.6L	94R	700	1, 8, 139	—	430-6005	430-6004
2011 V8 5.5L Primary Battery	49	850	1, 8, 24, 139	—	307-0751	—
2011 V8 5.5L Primary Battery	94R	700	1, 8, 24, 139	—	430-6005	430-6004
2010 V8 5.5L Primary Battery	49	850	1, 8, 139	—	307-0751	—
2009 V8 5.5L Primary Battery	49	850	1, 8,	—	307-0751	—
2008-07 V8 5.5L Primary Battery	49	850	1, 8, 139	—	307-0751	—
<b>G55 AMG</b>						
2011-07 V8 5.5L	49	850	1, 8, 41	—	307-0751	—
2006-03 V8 5.5L	49	825	1, 8, 41	—	307-0751	—
<b>G500</b>						
2008-07 V8 5.0L	49	825	1, 41	—	307-0751	—
2006-02 V8 5.0L	49	825	1, 41	—	307-0751	—
<b>GL320</b>						
2009-07 V6 3.0L Diesel	49	850	1, 8, 41	—	430-6007	—
2009 V6 3.0L Diesel	49	850	1, 8	—	430-6007	—
2007 V6 3.0L Diesel	49	850	1, 8	—	430-6007	—
<b>GLK350</b>						
2014-11 V6 3.5L Optional	94R	700	1, 8, 80, 261	—	430-6004	—
2010 V6 3.5L Optional	94R	700	1, 8, 80, 261	—	430-6004	—
<b>Metris</b>						
2017-16 L4 2.0L	48	680	1, 8, 256	—	430-5993	430-6001

MAKE (125) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (126)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2017-16 L4 2.0L Optional	49	760	1, 8, 256	—	307-0751	—
<b>ML320</b>						
2009 V6 3.0L Diesel	49	760	1, 256	—	307-0751	—
2003-98 V6 3.2L	49	825	6	—	307-0751	—
<b>ML350</b>						
2005-04 V6 3.7L	49	760	1, 8, 261	—	307-0751	—
2003 V6 3.7L	49	825	1, 8, 261	—	307-0751	—
<b>ML500</b>						
2005-02 V8 5.0L	49	825		—	307-0751	—
2005 V8 5.0L	49	825	258	—	307-0751	—
2003-02 V8 5.0L	49	825	6	—	307-0751	—
<b>ML55 AMG</b>						
2003-00 V8 5.5L	49	825	6	—	307-0751	—
<b>ML63 AMG</b>						
2015-12 V8 5.5L	49	850	1, 8	—	307-0751	—
<b>ML550</b>						
2015 V8 4.6L	49	850	1, 8	—	307-0751	—
2014-12 V8 4.6L	49	850	1, 8, 258	—	307-0751	—
<b>S600</b>						
2002-01 V12 5.8L	49	825	1, 139	—	307-0751	—
<b>SL320</b>						
1997-96 L6 3.2L	49	825	46	—	307-0751	—
<b>SL500</b>						
2002-96 V8 5.0L	49	825	46	—	307-0751	—
<b>SL600</b>						
2002-96 V12 6.0L	49	825	1, 139	—	307-0751	—
<b>SLK32 AMG</b>						
2004-02 V6 3.2L	48	690	1, 261	—	430-5993	430-6001
<b>SLK55 AMG</b>						
2016-15 V8 5.5L	48	680	1, 8	—	430-5993	430-6001
2014-07 V8 5.5L	48	680	1, 8, 261	—	430-5993	430-6001
<b>SLK230</b>						
2004-02 L4 2.3L Remote Vented	48	690	261	—	430-5993	430-6001
2001 L4 2.3L	48	690	261	—	430-5993	430-6001
2001 L4 2.3L Optional	48	825	261	—	307-0751	—
2000-98 L4 2.3L	48	690		—	430-5993	430-6001
2000 L4 2.3L Optional	48	825		—	307-0751	—

125 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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126 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (127) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (128)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>SLK280</b>						
2008-07 V6 3.0L	48	680	1, 8, 261	—	430-6005	430-6001
<b>SLK320</b>						
2004-01 V6 3.2L	48	690	1, 261	—	430-5993	430-6001
2001 V6 3.2L Optional	49	825	1, 261	—	307-0751	—
<b>SLK350</b>						
2004-03 V6 3.5L	47	480	1, 8, 261	—	430-6000	—
2006-05 V6 3.5L Optional	48	680	1, 8, 261	—	430-5993	430-6001
<b>SLK300</b>						
2011-09 V6 3.0L	48	680	1, 8, 261	—	430-5993	430-6001
<b>Sprinter 2500</b>						
2017 L4 2.1L Diesel	48	680	1, 8	—	430-5993	430-6001
2017 L4 2.1L Diesel, Optional	49	760	1, 8	—	307-0751	—
2017 V6 3.0L Diesel	48	680	1, 8	—	430-5993	430-6001
2017 V6 3.0L Diesel, Optional	49	760	1, 8	—	307-0751	—
2016-14 L4 2.1L Diesel	48	680	1, 8, 231	—	430-5993	430-6001
2016-14 L4 2.1L Diesel, Optional	49	760	1, 8, 231	—	307-0751	—
2016 V6 3.0L Diesel, Optional	48	680	1, 8, 231	—	430-5993	430-6001
201 V6 3.0L Diesel, Optional	49	760	1, 8, 231	—	307-0751	—
2012-10 V6 3.0L Diesel	49	850	1, 231	—	307-0751	—
<b>Sprinter 3500</b>						
2017 L4 2.1L Diesel	48	680	1, 8	—	430-5993	430-6001
2017 L4 2.1L Diesel, Optional	49	760	1, 8	—	307-0751	—
2017 V6 3.0L Diesel	48	680	1, 8	—	430-5993	430-6001
2017 V6 3.0L Diesel, Optional	49	825	1, 8	—	307-0751	—
2016-14 L4 2.1L Diesel	48	680	1, 8, 231	—	430-5993	430-6001

MAKE (127) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (128)	Replacement			
				Option 1	Option 2		
2016-14 L4 2.1L Diesel, Optional	49	760	1, 8, 231	—	307-0751	—	
2016 V6 3.0L Diesel	48	680	1, 8, 231	—	430-5993	430-6001	
2016 V6 3.0L Starting Battery	49	760	1, 8, 231	—	307-0751	—	
2015-10 L6 3.0L Diesel	49	850	1, 231	—	307-0751	—	
<b>MERCURY</b>							
<b>Cougar</b>							
2002-99 L4 2.0L	40R	590		—	430-6001	—	
2002-99 V6 2.5L	40R	590		—	430-6001	—	
1997-96 V8 4.6L	65	650		230-6368	250-0484	9X-5408	
1997 V6 3.8L	59	540		—	8C-3612	—	
1996 V6 3.8L Early Model	58	540		—	8C-3612	—	
1996 V6 3.8L Late Model	59	540	1, 41	—	8C-3612	—	
<b>Marauder</b>							
2004-03 V8 4.6L	65	650		230-6368	250-0484	9X-5408	
<b>Mariner</b>							
2011-10 V8 3.0L	96R	590		—	430-6007	—	
2011-09 L4 2.5L Hybrid	96R	500	1, 139	—	430-6007	—	
2011 L4 2.5L Gas	96R	590	1, 139	—	430-6007	—	
2010-09 L4 2.5L Gas	40R	590	1, 139	—	430-6001	—	
2009-05 V6 3.0L	40R	590	1, 139	—	430-6001	—	
2008-06 L4 2.3L Gas	40R	590	139	—	430-6001	—	
2008-06 L4 2.3L Hybrid	96R	500	1, 41	—	430-6007	—	
2005 L4 2.3L	40R	590	1, 8	—	430-6001	—	
<b>Marquis, Grand Marquis</b>							
2011-09 V8 4.6L	65	650		230-6368	250-0484	9X-5408	
2011-09 V8 4.6L Optional	65	750		230-6368	9X-5408	430-5998	
2008-98 V8 4.6L Canada or Optional	65	750		230-6368	9X-5408	430-5998	
2008-98 V8 4.6L US	65	650		230-6368	250-0484	9X-5408	
1997-96 V8 4.6L Canada or Optional	65	650		230-6368	250-0484	9X-5408	

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128 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (129) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (130)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1997-96 V8 4.6L Heated wind- shield	65	650		230-6368	250-0484	9X-5408
1997 V8 4.6L US	59	540		—	8C-3612	—
1996 V8 4.6L Police Pkg	65	850		230-6368	9X-5408	—
1996 V8 4.6L US	58	540		—	8C-3612	—
<b>G55 AMG</b>						
2011-10 L4 2.5L Gas	96R	500		—	430-6007	430-6000
2011-10 V6 3.0L	49	825		—	430-6007	—
2009 L4 2.3L Gas	94R	700		—	430-6007	430-6000
2009 V6 3.0L	96R	590		—	430-6007	430-6000
2008-06 V6 3.0L	96R	500		—	430-6007	430-6000
2008 L4 2.3L	96R	500		—	430-6007	430-6000
2007-06 V6 3.0L	40R	590		—	430-6001	—
2007 L4 2.3L	40R	590	24	—	430-6001	—
2007 L4 2.3L	96R	500	24	—	430-6007	430-6000
2006 L4 2.3L	40R	590		—	430-6001	—
<b>Monterey</b>						
2007 V6 4.2L	65	750		230-6368	9X-5408	430-5998
2006-04 V6 4.2L	59	540		—	8C-3612	—
2006-04 V6 4.2L Optional	65	750		230-6368	9X-5408	430-5998
<b>Mountaineer</b>						
2010-02 V8 4.6L	65	650		230-6368	250-0484	9X-5408
2010-98 V6 4.0L	65	650		230-6368	250-0484	9X-5408
2001-97 V8 5.0L	65	650		230-6368	250-0484	9X-5408
<b>Mystique</b>						
2000-98 L4 2.0L	40R	590		—	430-6001	—
2000-96 V6 2.5L	40R	590		—	430-6001	—
1997-96 L4 2.0L	96R	590		—	430-6007	430-6000
1997-96 L4 2.0L Optional	40R	650		—	430-6001	—
<b>Sable</b>						
2009-08 V6 3.5L	59	540		—	8C-3612	—
<b>Tracer</b>						
1999-98 L4 2.0L	58	540		—	8C-3612	—
1997 L4 2.0L	58	540		—	8C-3612	—
1996 L4 1.8L	35	540		—	250-0487	369-9958
1996 L4 1.9L	35	460		—	250-0487	369-9958

MAKE (129) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°F	Notes (130)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>Villager (Includes Mini Van &amp; Station Wagon)</b>						
2002-99 V6 3.3L Canada or Optional US	24F	525		—	3T-5858	250-0487
2002-99 V6 3.3L US	35	450		—	250-0487	369-9958
1998-96 V6 3.0L Canada or Optional US	24F	525		—	3T-5858	250-0487
1998-96 V6 3.0L US	35	450		—	250-0487	369-9958
<b>MINI (SEE ALSO MORRIS)</b>						
<b>Cooper, Countryman, Clubman</b>						
2017-15 L3 1.5 Optional	94R	800	1, 8, 23, 24, 80	—	430-6004	—
2017-15 L4 2.0 Optional	94R	800	1, 8, 23, 24, 80	—	430-6004	—
2016-10 L4 1.6 Optional	48	570	1, 8, 23, 24	—	430-6004	—
2015 L4 1.6 Optional	94R	800	1, 8, 23, 24, 80	—	430-6004	—
2014 L3 1.5	94R	800	1, 8, 23, 24, 80	—	430-6005	430-6004
2014 L4 2.0L	94R	800	1, 8, 23, 24, 80	—	430-6004	—
<b>Cooper Paceman</b>						
2016-13 L4 1.6 Optional	48	570	1, 8, 23, 24	—	430-5993	—
<b>MINISUBISHI</b>						
<b>3000 GT (Includes Spyder Convertible)</b>						
1999-96 V6 3.0L	25	520		—	250-0488	8C-3600
<b>Diamante</b>						
2004 V6 3.5L	24	600		153-5656	3T-5857	250-0488
2003-99 V6 3.5L	86	520		—	8C-3600	250-0489
1998-97 V6 3.5L	24	490		153-5656	3T-5857	250-0488
1996 V6 3.0L	24	490		153-5656	3T-5857	250-0488
<b>Eclipse</b>						
2012-06 V6 3.8L	24	550		153-5656	3T-5857	250-0488
2012-00 L4 2.4L	86	525		—	8C-3600	—
2005-00 V6 3.0L	86	525		—	8C-3600	250-0489
1999-96 L4 2.0L	86	525		—	8C-3600	250-0489
1999-96 L4 2.4L	86	430		—	8C-3600	—
<b>Endeavor</b>						
2011-10 V6 3.8L	24	550		153-5656	3T-5857	250-0488
2008-04 V6 3.8L	24	550		153-5656	3T-5857	250-0488
<b>Galant</b>						
2009-04 V6 3.8L	24	550		153-5656	3T-5857	250-0488

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130 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (131) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (132)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2003-99 V6 3.0L	86	525		—	8C-3600	—
1998-96 L4 2.4L	26	490		—	8C-3600	250-0487 {32}
<b>Lancer</b>						
2016-14 L4 2.4L	35	520		—	250-0487	369-9958
2016-13 L4 2.0L Exc Evolution	35	520		—	250-0487	369-9958
2013-09 L4 2.4L	35	520		—	250-0487	369-9958
2012 L4 2.0L Exc Evolution	35	520	139	—	250-0487	369-9958
2011-08 L4 2.0L Exc Evolution	35	520		—	250-0487	369-9958
2007 L4 2.0L	35	550		—	250-0487	—
2006-04 L4 2.4L	35	520		—	250-0487	369-9958
2006-03 L4 2.0L	35	520		—	250-0487	369-9958
2002 L4 2.0L	35	435		—	250-0487	369-9958
<b>Mighty Max - Pickup</b>						
1996 L4 2.4L Canada	24	490		153-5656	3T-5857	250-0488
<b>Mirage</b>						
2017 L3 1.2L	35	435		—	250-0487	369-9958
2015-14 L3 1.2L	35	435		—	250-0487	369-9958
2002-98 L4 1.5L	35	435		—	250-0487	369-9958
2002-98 L4 1.8L	35	435		—	250-0487	369-9958
<b>Mirage G4</b>						
2017 L3 1.2L	35	435		—	250-0487	369-9958
<b>Montero</b>						
2006-03 V6 3.8L	24F	585	17	—	3T-5858	250-0487
2002-01 V6 3.5L	24F	585	17	—	3T-5858	250-0487
2002 V6 3.5L Optional	27F	675	17	—	8C-3602	—
2000 V6 3.5L	24	490	17	153-5656	3T-5857	250-0488
1999-96 V6 3.5L	24	490		153-5656	3T-5857	250-0488
1996 V6 3.0L	24	490		153-5656	3T-5857	250-0488
<b>Montero Sport</b>						
2016-14 V6 3.0L	24F	585		—	3T-5858	250-0487
2016 L4 2.4L	35	520		—	250-0487	369-9958
2015-14 L4 2.4L	35	520		—	250-0487	—
2013-12 V6 3.0L	35	520		—	250-0487	369-9958
2013-08 L4 2.4L	35	520		—	250-0487	369-9958
2011-07 V6 3.0L	24F	585		—	3T-5858	250-0487
2006 L4 2.4L	35	520		—	250-0487	369-9958
2002-98 L4 1.5L	35	435		—	250-0487	369-9958
2005-04 L4 2.4L	24F	620		—	3T-5858	250-0487

MAKE (131) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (132)		Replacement	
					Option 1	Option 2
2004 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2003-97 V6 3.0L	25	520		—	250-0488	8C-3600
2003-97 V6 3.0L Optional	24	585		153-5656	3T-5857	250-0488
2003 L4 2.4L	35	520		—	250-0487	369-9958
2003 V6 3.5L	25	520		—	250-0488	8C-3600
2003 V6 3.5L Optional	24	585		153-5656	3T-5857	250-0488
2002 V6 3.5L	24	585		153-5656	3T-5857	250-0488
2001-99 V6 3.5L	25	520		—	250-0488	8C-3600
2001-99 V6 3.5L Optional	24	585		153-5656	3T-5857	250-0488
1999-97 L4 2.4L	25	520		—	250-0488	8C-3600
<b>Outlander Sport</b>						
2016-15 L4 2.4L	35	520		—	250-0487	369-9958
2015-11 L4 2.0L	35	520		—	250-0487	369-9958
<b>RVR</b>						
2015-11 L4 2.0L	35	520		—	250-0487	369-9958
2015 L4 2.4L	35	520		—	250-0487	369-9958
<b>Raider</b>						
2009-06 V6 3.7L	65	600		230-6368	250-0484	9X-5408
2007-06 V8 4.7L	65	600		230-6368	250-0484	9X-5408
2006 V6 3.7L Optional	65	650		230-6368	250-0484	9X-5408
2006 V8 4.7L Optional	65	650		230-6368	250-0484	9X-5408
<b>MOBILITY VENTURES</b>						
<b>MV-1</b>						
2017 V6 3.7L	65	750		230-6368	9X-5408	430-5998
2016 V6 3.7L	65	760		230-6368	9X-5408	430-5998
2015-14 V8 4.6L	65	760		—	9X-5408	
2015 V6 3.7L	65	760		—	9X-5408	
<b>NISSAN</b>						
<b>200SX</b>						
1998-96 L4 1.6L Canada	24F	550		—	3T-5858	250-0487
1998-96 L4 1.6L US	65	750		230-6368	250-0487	369-9958
1998-96 L4 2.0L Canada	24F	550		—	3T-5858	250-0487
1998-96 L4 2.0L US	65	750		230-6368	250-0487	369-9958
<b>240SX</b>						
1998-96 L4 2.4L Canada & Optional	24	415		153-5656	3T-5858	250-0488
1998-96 L4 2.4L US	25	360		—	250-0488	8C-3600

131 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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132 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (133) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (134)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>300ZX</b>						
1996	V6 3.0L Conv	35	360		—	250-0487 369-9958
1996	V6 3.0L Exc Conv	24F	585		—	3T-5858 250-0487
<b>350Z</b>						
2009-03	V6 3.5L	35	585		—	250-0487 —
<b>370Z</b>						
2018-17	V6 3.7L	35	585		—	250-0487 —
2016-09	V6 3.7L	35	585		—	250-0487 —
<b>Altima</b>						
2018-15	L4 2.5L	35	550		—	250-0487 —
2018-07	V6 3.5L	35	550		—	250-0487 —
2014	L4 2.5L Gas	35	550		—	250-0487 —
2013-12	L4 2.5L	35	550		—	250-0487 —
2011-07	L4 2.5L Gas	35	550		—	250-0487 —
2006-02	L4 2.5L	24F	550		—	3T-5858 250-0487
2006-02	V6 3.5L	24F	550		—	3T-5858 250-0487
2001-96	L4 2.4L	24F	550		—	3T-5858 250-0487
<b>Armada</b>						
2018	V8 5.6L	27	780		—	250-0487 —
2017	V8 5.6L	27	780		—	250-5997 {243} —
2015-05	V8 5.6L Exc Tow Pkg	24F	650		—	3T-5858 250-0487
2015-05	V8 5.6L w/Tow Pkg	27F	710		—	8C-3602 —
<b>Cube</b>						
2014-09	L4 1.8L	35	405		—	250-0487 369-9958
<b>Frontier Pickup</b>						
2017-11	L4 2.5L	35	550		—	250-0487 —
2017-11	V6 4.0L	35	550		—	250-0487 —
2010	L4 2.5L	24F	575		—	3T-5858 250-0487
2010	V6 4.0L	24F	575		—	3T-5858 250-0487
2009-05	L4 2.5L	24F	550		—	3T-5858 250-0487
2009-05	V6 4.0L	24F	550		—	3T-5858 250-0487
2004-03	L4 2.4L	25	490		—	250-0488 8C-3600
2004-03	L4 2.4L Optional	24	575		153-5656	3T-5858 250-0488
2004-03	V6 3.3L	24	575		153-5656	3T-5858 250-0488
2002-99	V6 3.3L Canada & Optional	24	550		153-5656	3T-5858 250-0488

MAKE (133) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (134)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2002-99	V6 3.3L US	25490	525		—	250-0488 8C-3600
2002-98	L4 2.4L Canada or Optional	24	550		153-5656	3T-5857 250-0488
2002-98	L4 2.4L US	25	490		—	250-0488 8C-3600
<b>Juke</b>						
2017	L4 1.6L	35	570		—	250-0487 —
2016-11	L4 1.6L	35	570		—	250-0487 —
<b>Maxima</b>						
2018-16	V6 3.5L	35	550		—	250-0487 —
2014-09	V6 3.5L	35	550		—	250-0487 —
2008-04	V6 3.5L	24F	550		—	3T-5858 250-0487
2003	V6 3.5L	24F	445		—	3T-5858 250-0487
2002	V6 3.5L	24F	585		—	3T-5858 250-0487
2001-00	V6 3.0L	24F	585		—	3T-5858 250-0487
1999-96	V6 3.0L Canada, California	24F	585		—	3T-5858 250-0487
1999-96	V6 3.0L Exc Calif	35	360		—	250-0487 369-9958
<b>Micra</b>						
2017-15	L4 1.6L Canada	121R	550		—	—
<b>Murano</b>						
2017	V6 3.5L	35	550		—	250-0487 —
2016-09	V6 3.5L	35	585		—	250-0487 —
2007-04	V6 3.5L Exc Smart Key	24F	575		—	3T-5858 250-0487
2003	V6 3.5L	35	490		—	250-0487 369-9958
<b>NV200</b>						
2012-06	V6 3.8L	24	550		153-5656	3T-5857 250-0488
2012-00	L4 2.4L	86	525		—	8C-3600 —
2005-00	V6 3.0L	86	525		—	8C-3600 250-0489
<b>NV1500</b>						
2017	V6 4.0L	NA	NA		—	— 250-0488
2016-12	V6 4.0L	24F	650		—	3T-5858 250-0487
<b>NV2500</b>						
2016-14	V6 4.0L Exc Tow Pkg	24F	650		—	3T-5858 250-0487

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134 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (135) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (136)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2016-12 V6 4.0L w/Tow Pkg	27F	710		—	8C-3602	—
2016-12 V8 5.6L Exc Tow Pkg	24F	650		—	3T-5858	250-0487
2016-12 V8 5.6L w/Tow Pkg	27F	710		—	8C-3602	—
<b>NV3500</b>						
2016-12 V6 4.0L Exc Tow Pkg	24F	650		—	3T-5858	250-0487
2016-12 V6 4.0L w/Tow Pkg	27F	710		—	8C-3602	—
2016-12 V8 5.6L Exc Tow Pkg	24F	650		—	3T-5858	250-0487
2016-12 V8 5.6L w/Tow Pkg	27F	710		—	8C-3602	—
<b>Pathfinder</b>						
1996 L4 2.4L Canada	24	490		153-5656	3T-5857	250-0488
<b>Mirage</b>						
2017-13 V6 3.5L	35	550		—	250-0487	—
2012-10 V6 4.0L	35	550		—	250-0487	—
2012-08 V8 5.6L	24F	650		—	3T-5858	250-0487
2009-07 V6 4.0L	24F	550		—	3T-5858	250-0487
2004-03 V6 3.5L	24	455		153-5656	3T-5857	250-0488
2002-01 V6 3.5L	25	360		—	250-0488	8C-3600
2002-01 V6 3.5L Optional	27F	450		153-5656	8C-3601	3T-5857
2000-96 V6 3.3L Canada & Optional	27	450		153-5656	8C-3601	3T-5857
2000-96 V6 3.3L US	25	360		—	250-0488	8C-3600
<b>Pathfinder Armada</b>						
2004 V8 5.6L Optional	27F	71		—	8C-3602	—
<b>Pickup</b>						
1997-96 L4 2.4L Canada	24	525		153-5656	3T-5857	250-0488
1997-96 L4 2.4L US	25	360		—	250-0488	8C-3600
<b>Quest</b>						
2017-11 V6 3.5L	24F	550		—	3T-5858	250-0487
2009-04 V6 3.5L	24F	550		—	3T-5858	250-0487
2002-99 V6 3.3L Canada & Optional	24F	525		—	3T-5858	250-0487

MAKE (135) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (136)	Replacement	
				Option 1	Option 2
2002-99 V6 3.3L US	35	450		—	250-0487 369-9958
1998-96 V6 3.0L Canada & Optional	24F	525		—	3T-5858 250-0487
1998-96 V6 3.0L US	24	585		—	250-0487 369-9958
<b>Rogue</b>					
2017 L4 2.5L	35	550		—	250-0487 —
2016-08 L4 2.5L	35	585		—	250-0487 —
<b>Rogue Select</b>					
2015-14 L4 2.5L	35	585		—	250-0487 —
<b>Sentra</b>					
2017-13 L4 1.8L	21R	470		—	369-9958 250-0487 {32}
2017 L4 1.8L	21R	470		—	369-9958 250-0487 {32}
2012-08 L4 2.5L	40R	550		—	430-6001 —
2012-07 L4 2.0L	21R	470		—	369-9958 250-0487 {32}
2007-06 L4 2.5L	35	550		—	250-0487 —
2006 L4 1.8L	35	550		—	250-0487 —
2005-03 L4 2.5L	35	355		—	250-0487 369-9958
2005-00 L4 1.8L	35	355		—	250-0487 369-9958
2002 L4 2.5L	21R	490		—	369-9958 250-0487 {32}
2001 L4 2.0L	21R	490		—	369-9958 250-0487 {32}
2000-99 L4 2.0L	35	490		—	250-0487 369-9958
1999-96 L4 1.6L US	35	490		—	250-0487 369-9958
1998 L4 2.0L Canada	24F	550		—	3T-5858 250-0487
1998 L4 2.0L US	35	490		—	250-0487 369-9958
1997-96 L4 1.6L Canada	24F	550		—	3T-5858 250-0487
<b>Titan, -XD</b>					
2018-16 V8 5.0L Diesel	35	550	15	—	250-0487 —
2018-16 V8 5.6L	27	780		—	430-5997 {243} —
2015-10 V8 5.6L Exc Tow Pkg	24F	650		—	3T-5858 250-0487
2015-10 V8 5.6L w/ Tow Pkg	27F	710		—	8C-3602 —

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136 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (137) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (138)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2009 V8 5.6L	24F	650		—	3T-5858	250-0487
2008 V8 5.6L Gas	24F	650		—	3T-5858	250-0487
2008 V8 5.6L w/ Flex Fuel	24T	710		—	8C-3602	—
2007 V8 5.6L	24F	650		—	3T-5858	250-0487
2006 V8 5.6L Exc Tow Pkg	24F	650		—	3T-5858	250-0487
2009-03 V8 5.6L w/Tow Pkg	27F	710		—	8C-3602	—
2005-04 V8 5.6L	24F	650		—	3T-5858	250-0487
<b>Versa</b>						
2012-07 L4 1.8L Exc CVT Trans- mission	90	470		—	430-6000	—
2012 L4 1.6L Exc CVT Trans- mission	90	470		—	430-6000	—
2011-09 L4 1.4L	90	470		—	430-6000	—
<b>X-Trail</b>						
2006 L4 2.5L	24F	550		—	3T-5858	250-0487
2005 L4 2.5L	35	550		—	250-0487	—
<b>XTerra</b>						
2015-10 V6 4.0L	35	550		—	250-0487	—
2009-05 V6 4.0L	24F	550		—	3T-5858	250-0487
2004 L4 2.4L	25	490		—	250-0488	8C-3600
2004 L4 2.4L Optional	24	550		153-5656	3T-5858	250-0488
2004 V6 3.3L	25	490		—	250-0488	8C-3600
2004 V6 3.3L Optional	24	550		153-5656	3T-5858	250-0488
2003-00 L4 2.4L Canada & Optional	24F	550		153-5656	3T-5858	250-0488
2003-00 L4 2.4L US	25	490		—	250-0488	8C-3600
2003-00 V6 3.3L Canada & Optional	24	550		153-5656	3T-5858	250-0488
2003-00 V6 3.3L US	25	490		—	250-0488	8C-3600
<b>OLDSMOBILE</b>						
<b>88 Royale</b>						

MAKE (137) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (138)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
1999-96 V6 3.8L	78	690		—	369-9957	7X-6100
1997-96 V6 3.8L Optional	78	770		—	127-0826	430-5997
<b>Achieva</b>						
1998-96 L4 2.4L	75	600		—	7X-6100	—
1998-96 V6 3.1L	75	600		—	7X-6100	—
<b>Alero</b>						
2004-99 V6 3.4L	75	600		—	7X-6100	—
2004 L4 2.2L	75	525		—	7X-6100	250-0489
2003-02 L4 2.2L	75	600		—	7X-6100	—
2001-99 L4 2.4L	75	600		—	7X-6100	—
<b>Bravada</b>						
2004-02 L6 4.2L	78	600		—	369-9957	7X-6100
2001-96 V6 4.3L	75	525		—	7X-6100	250-0489
2001-96 V6 4.3L Optional	75	690		—	7X-6100	—
<b>Cutlass</b>						
1999-98 V6 3.1L	75	600	6	—	7X-6100	—
1997 V6 3.1L	78	600	6	—	369-9957	7X-6100
<b>Cutlass Ciera</b>						
1996 L4 2.2L	75	525	6	—	7X-6100	—
1996 V6 3.1L	78	600		—	369-9957	7X-6100
<b>Cutlass Supreme</b>						
1997-96 V6 3.1L	78	600	6	—	369-9957	7X-6100
1996 V6 3.4L	78	690	6	—	369-9957	7X-6100
<b>Intrique</b>						
2002-99 V6 3.5L	78	690	6	—	369-9957	7X-6100
1999-98 V6 3.8L	78	690	6	—	369-9957	7X-6100
<b>LSS</b>						
1999-96 V6 3.8L	78	690		—	369-9957	7X-6100
<b>Ninety Eight, Delta 88, Regency</b>						
1998 V6 3.8L	78	690		—	369-9957	7X-6100
<b>Silhouette</b>						
2004-97 V6 3.4L	78	600	43	—	369-9957	7X-6100
1996 V6 3.4L	75	550	43	—	7X-6100	—
<b>PLYMOUTH</b>						
<b>Breeze</b>						
2000-96 L4 2.0L	75	510	40	—	7X-6100	—
2000-96 L4 2.4L	75	510	40	—	7X-6100	—
<b>Neon</b>						
2001-00 L4 2.0L	26R	450	6	—	369-9958	—
2001-00 L4 2.0L Optional	26R	450		—	369-9958	—
1999-96 L4 2.0L	58	450	35	—	8C-3612	—
<b>Prowler</b>						

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138 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (139) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (140)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2001-99 V6 3.5L	34	525		—	8C-3600	430-5997 {243}
V8 5.6L Exc Tow Pkg	24F	650		—	8C-3600	430-5997 {243}
<b>Voyager, Grand Voyager</b>						
2000-96 L4 2.4L	34	600		—	250-0486	127-0826
2000-96 V6 3.0L	34	500		—	8C-3600	250-0486
2000-96 V6 3.3L	34	500		—	8C-3600	250-0486
V6 3.0L Optional	34	685		—	250-0486	127-0826
1999-96 V6 3.8L	34	600		—	250-0486	127-0826
1997 V6 3.8L	34	500		—	8C-3600	250-0486
<b>PONTIAC</b>						
<b>Aztek</b>						
2005-01 V6 3.4L	78	600	42	—	369-9957	7X-6100
<b>Bonneville, Bonneville Custom</b>						
V6 3.8L Exc Super- charged	78	690		—	369-9957	7X-6100
V6 3.8L Super- charged	78	770		—	127-0826	430-5997
1997-96 V6 3.8L	78	770		—	127-0826	430-5997
<b>Firebird</b>						
2002-00 V8 5.7L	75	525		—	7X-6100	250-0489
2002-96 V6 3.8L	75	690		—	7X-6100	—
2002-96 V8 5.7L	75	630		—	7X-6100	—
<b>Firefly</b>						
2000-96 L4 1.3L	26R	390		—	369-9958	—
2000 L3 1.0L	26R	390		—	369-9958	—
1999-96 L3 1.0L	26R	390	2	—	369-9958	—
<b>G3 Wave</b>						
2009 L4 1.6L	86	550		—	8C-3600	—
<b>G5</b>						
2010-09 L4 2.2L	90	590	1, 139	—	430-6000	—
2010-07 L4 2.2L	90	600	1, 139	—	430-6000	—
2008-07 L4 2.4L	90	600	1, 139	—	430-6000	—
<b>G6</b>						
2010-08 L4 2.4L	90	590		—	430-6000	—
2010-08 V6 3.5L	90	590		—	430-6000	—
2009-08 V6 3.6L	90	590		—	430-6000	—
2009-08 V6 3.9L	90	590		—	430-6000	—
2007-06 L4 2.4L	75	525		—	7X-6100	—
2007-06 V6 3.9L	75	525		—	7X-6100	—
2007-05 V6 3.5L	75	525		—	7X-6100	—
2007 V6 3.6L	75	525		—	7X-6100	—

MAKE (139) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (140)	Replacement	
				Option 1	Option 2
<b>G8</b>					
2009 V6 3.6L	94R	720	1, 46	—	430-6005 430-6004
2009 V8 6.0L	94R	720	1, 46	—	430-6005 430-6004
2009 V8 6.2L	94R	720	1, 46	—	430-6005 430-6004
2008 V6 3.6L	94R	700	1, 46	—	430-6005 430-6004
2008 V8 6.0L	94R	700	1, 46	—	430-6005 430-6004
<b>Grand Am</b>					
2005-02 L4 2.2L	75	600		—	7X-6100 —
2005-99 V6 3.4L	75	600		—	7X-6100 —
2004 L4 2.2L	75	525		—	7X-6100 250-0489
2001-96 L4 2.4L	75	600		—	7X-6100 —
1998-96 V6 3.1L	75	600		—	7X-6100 —
<b>Grand Prix</b>					
2008-06 V6 3.8L	34	690	80	—	430-5997 {243} —
2005-04 V6 3.8L	34	690	80	—	430-5997 {243} —
2003-97 V6 3.1L	78	600	6	—	369-9957 7X-6100
2003-97 V6 3.8L	78	690	6	—	369-9957 7X-6100
1996 V6 3.1L	78	600	6, 42	—	369-9957 7X-6100
1996 V6 3.4L	78	690	6, 42	—	369-9957 7X-6100
<b>Montana</b>					
2009-06 V6 3.9L	34	600		—	430-5997 {243} —
2006-05 V6 3.5L	34	600		—	430-5997 {243} —
2005-99 V6 3.4L	78	600	42	—	369-9957 7X-6100
<b>Pursuit</b>					
2006 L4 2.2L	90	600		—	430-6000 —
2006 L4 2.4L Canada	90	600		—	430-6000 —
2006 L4 2.2L Canada	90	600		—	430-6000 —
<b>Sunfire</b>					
2005-96 L4 2.2L	75	525		—	7X-6100 —
2002 L4 2.4L	75	525		—	7X-6100 —
2001-96 L4 2.4L	75	600		—	7X-6100 —
<b>Sunrunner</b>					
1997-96 L4 1.6L	26R	390	6	—	369-9958 —
<b>Torrent</b>					
2006 V6 3.4L	75	600		—	7X-6100 —
<b>Trans Sport</b>					
1999-97 V6 3.4L	78	600	42	—	369-9957 7X-6100
1996 V6 3.4L	75	525	42	—	7X-6100 —
<b>Vibe</b>					
2010-09 L4 2.4L	24F	575		—	3T-5858 250-0487
2010-03 L4 1.8L	35	550		—	250-0487 —

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140 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (141) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (142)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>Wave</b>						
2008-05 L4 1.6L	86	550		—	8C-3600	—
<b>PORSCHE</b>						
<b>911</b>						
2016 H6 3.4L	49	740	1, 253	—	307-0751	—
2016 H6 3.8L	49	740	1, 253	—	307-0751	—
2016 H6 4.0L	49	740	1, 253	—	307-0751	—
2015 H6 3.4L	49	750	1, 253	—	307-0751	—
2015 H6 3.8L	49	750	1, 253	—	307-0751	—
2014-12 H6 3.4L	49	740	1, 253	—	307-0751	—
2014-10 H6 3.8L	49	740	1, 253	—	307-0751	—
2012-09 H6 3.6L	49	740	1, 253	—	307-0751	—
2011 H6 4.0L	49	740	1, 253	—	307-0751	—
2009 H6 3.6L	94R	740	1, 253	—	430-6005	430-6004
2009 H6 3.8L	94R	740	1, 253	—	430-6005	430-6004
2008-05 H6 3.6L	94R	740	1	—	430-6005	430-6004
2008-05 H6 3.8L	94R	740	1	—	430-6005	430-6004
2004-02 H6 3.6L Exc GT2	94R	490	1, 151	—	430-6005	430-6004
2004-02 H6 3.6L GT2	91	650	1, 151	—	430-6005	430-6004
2001-99 H6 3.4L	48	650	1, 46	—	430-5993	430-6001
2001 H6 3.6L Exc GT3	91	650	1, 151	—	430-6005	430-6004
2001 H6 3.6L GT3	48	650	1, 46, 151	—	430-5993	430-6001
1998-96 H6 3.6L	48	650	1, 46	—	430-5993	430-6001
<b>Boxster</b>						
2014-13 H6 2.7L	94R	490	1, 253	—	430-6005	430-6004
2014-10 H6 3.4L	94R	490	1, 253	—	430-6005	430-6004
2012-09 H6 2.9L	94R	490	1, 6, 253	—	430-6005	430-6004
2009-07 H6 3.4L	94R	650	1	—	430-6005	430-6004
2008-06 H6 2.7L	94R	650	1, 6	—	430-6005	430-6004
2006 H6 3.2L	94R	650	1, 6	—	430-6005	430-6004
2005-01 H6 3.2L Optional	94R	650	1, 6	—	430-6005	430-6004
2005-00 H6 2.7L	48	650	1, 6	—	430-5993	—
2005-00 H6 3.2L	48	650	1, 6	—	430-5993	—
2005 H6 2.7L Optional	94R	650	1, 6	—	430-6005	430-6004
2004-01 H6 2.7L Optional	94R	650	1, 6	—	430-6005	430-6004
1999-97 H6 2.5L	48	650	1, 6	—	430-5993	430-6001
<b>Carrera, Carrera GT</b>						
2005-04 V10 5.7L	48	650	1	—	430-5993	430-6001
<b>Cayenne</b>						

MAKE (141) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (142)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2014-11 V6 3.0L Hybrid	94R	525	1, 153	—	430-6005	430-6004
2014-10 V6 3.6L	94R	650	1, 153	—	430-6005	430-6004
2014-10 V8 4.8L	49	740	1, 153	—	307-0751	—
2009-08 V6 3.6L	94R	650	1	—	430-6005	430-6004
2009-08 V8 4.8L	49	740	1	—	307-0751	—
2006-04 V6 3.2L	94R	640	1	—	430-6005	430-6004
2006-03 V8 4.5L	49	740	1	—	307-0751	—
<b>Cayman</b>						
2014 H6 2.7L	49	740	1, 253	—	307-0751	—
2014 H6 3.4L	49	740	1, 253	—	307-0751	—
2012-10 H6 3.4L	49	740	1, 253	—	307-0751	—
2012-09 H6 2.9L	49	740	1, 253	—	307-0751	—
2009-06 H6 3.4L	94R	740	1, 253	—	430-6005	430-6004
2008-07 H6 2.7L	94R	740	1, 253	—	430-6005	430-6004
<b>Panamera</b>						
2014-12 V6 3.0L	49	740	1, 153	—	307-0751	—
2014-11 V6 3.6L	49	740	1, 153	—	307-0751	—
2014-10 V8 4.8L	49	740	1, 153	—	307-0751	—
<b>RAM (ALSO SEE DODGE)</b>						
<b>1500</b>						
2017-15 V6 3.6L	94R	730		—	430-6005	430-6004
2017-11 V8 5.7L	94R	730		—	430-6005	430-6004
2014 V6 3.6L w/Flex Fuel	94R	730		—	430-6005	430-6004
2013-11 V6 3.7L	94R	730		—	430-6005	430-6004
2013-11 V8 4.7L	94R	730		—	430-6005	430-6004
2013 V6 3.6L	94R	730		—	430-6005	430-6004
<b>2500</b>						
2017-15 L6 6.7L Diesel	94R	730	15	—	430-6005	430-6004
2017-15 V8 5.7L	94R	730		—	430-6005	430-6004
2017-14 V8 6.4L	94R	730		—	430-6005	430-6004
2014 L6 6.7L	94R	730	15	—	430-6005	430-6004
2014 V8 5.7L Gas	94R	730		—	430-6005	430-6004
2013-11 L6 6.7L Diesel	94R	730	15	—	430-6005	430-6004
2013-11 V8 5.7L	94R	730		—	430-6005	430-6004
<b>3500</b>						
2017-14 V8 6.4L	94R	730		—	430-6005	430-6004
2017-11 L6 6.7L Diesel	94R	730	15	—	430-6005	430-6004
2017-11 V8 5.7L	94R	730		—	430-6005	430-6004
<b>C/V</b>						
2015-12 V6 3.6L	94R	730		—	430-6005	430-6004

141 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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142 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (143) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (144)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>Dakota</b>						
2011	V6 3.7L	65	600		230-6368	250-0484 9X-5408
2011	V6 3.7L Optional	65	750		230-6368	9X-5408 430-5998
2011	V8 4.7L	65	600		230-6368	250-0484 9X-5408
2011	V8 4.7L Optional	\$65- 750	65	750	230-6368	9X-5408 430-5998
<b>ProMaster 1500, -2500, -3500</b>						
2017-14	L4 3.0L Diesel	49	800	1, 231	—	307-0751 —
2017-14	V6 3.6L	49	800	1, 231	—	307-0751 —
2016-14	L4 3.0L Diesel	49	800	1, 231	—	307-0751 —
2016-14	V6 3.6L	49	800	1, 231	—	307-0751 —
<b>ROLLS ROYCE</b>						
<b>All</b>						
2002	V12 5.4L	27F	385	17	—	8C-3602 3T-5858
<b>SAAB</b>						
<b>9-2X</b>						
2006	H4 2.5L	35	550		—	250-0487 —
2005	H4 2.0L	25	550		—	250-0488 8C-3600
2005	H4 2.5L	25	550		—	250-0488 8C-3600
<b>9-3</b>						
2011	L4 2.0L	48	700	1	—	430-5993 430-6001
2010-04	L4 2.0L	48	700		—	430-5993 430-6001
2009-06	V6 2.8L	48	700		—	430-5993 430-6001
2003	L4 2.0L Conv	47	580	11	—	430-6000 —
2003	L4 2.0L Sport Sdn	48	700	11	—	430-5993 430-6001
2002-99	L4 2.3L	47	580		—	430-6005 430-6004
2002	L4 2.0L	47	580	11	—	430-6005 430-6004
2001-99	L4 2.0L	47	580		—	430-6005 430-6004
<b>9-3X</b>						
2011	L4 2.0L	48	700	1	—	430-5993 430-6001
2010	L4 2.0L	48	700		—	430-5993 430-6001
<b>9-4X</b>						
2011	V6 2.8L	48	700	1	—	430-5993 430-6001
2011	V6 3.0L	48	700	1	—	430-5993 430-6001
<b>9-5</b>						
2011-10	V6 2.8L	48	700	1	—	430-5993 430-6001
2011	L4 2.0L	48	700	1	—	430-5993 430-6001
2009-02	L4 2.3L	48	700	1	—	430-5993 430-6001
2003-02	V6 3.0L	48	700	1	—	430-5993 430-6001
<b>SALEEN</b>						
<b>S7</b>						

MAKE (143) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (144)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2006-02	V8 7.0L	34	750		—	430-5997 {243} —
<b>SATURN</b>						
<b>Astra</b>						
2009-08	L4 1.8L	91	600		—	430-6001 —
<b>Aura</b>						
2009	L4 2.4L	90	600		—	430-6000 —
2009	V6 3.6L	90	600		—	430-6000 —
2008	L4 2.4L	90	590		—	430-6000 —
2008	V6 3.5L	90	590		—	430-6000 —
2008	V6 3.6L	90	590		—	430-6000 —
2007	L4 2.4L	75	690		—	7X-6100 —
2007	V6 3.5L	75	690		—	7X-6100 —
2007	V6 3.6L	75	690		—	7X-6100 —
<b>Ion</b>						
2007-04	L4 2.0L	78	600	1, 139	—	369-9957 7X-6100
2007	L4 2.2L	78	600	1, 139	—	369-9957 7X-6100
2007	L4 2.4L	78	600	1, 139	—	369-9957 7X-6100
2006	L4 2.2L Early Model	75	600	1, 139	—	7X-6100 —
2006	L4 2.2L Late Model	78	600	1, 139	—	369-9957 7X-6100
2006	L4 2.4L From June	78	600	1, 139	—	369-9957 7X-6100
2006	L4 2.4L To June	75	600	1, 139	—	7X-6100 —
2005-03	L4 2.2L	75	600	1, 139	—	7X-6100 —
<b>L, SC, SL, SW Series</b>						
2005-02	V6 3.0L	78	600	6	—	369-9957 7X-6100
2004-02	L4 2.2L	78	600	6	—	369-9957 7X-6100
2002-96	L4 1.9L	75	525	6	—	7X-6100 —
2001	L4 2.2L	75	525	6	—	7X-6100 —
2001	V6 3.0L	75	525	6	—	7X-6100 —
<b>LS Series</b>						
2000	L4 2.2L	75	525		—	7X-6100 —
2000	V6 3.0L	75	525		—	7X-6100 —
<b>LW Series</b>						
2003-02	L4 2.2L	78	600	6	—	369-9957 7X-6100
2003-02	V6 3.0L	78	600	6	—	369-9957 7X-6100
2001	L4 2.2L	75	525	6	—	7X-6100 —
2001	V6 3.0L	75	525	6	—	7X-6100 —
2000	L4 2.2L	75	525		—	7X-6100 —
2000	V6 3.0L	75	525		—	7X-6100 —
<b>Outlook</b>						

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144 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (145) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (146)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2010 V6 3.6L	48	660	1, 264	—	430-5993	430-6001
2009-07 V6 3.6L	48	730	1, 264	—	430-5993	—
<b>Relay</b>						
2007-06 V6 3.9L	34	600	208	—	250-0486	127-0826
2006-05 V6 3.5L	34	600	208	—	250-0486	127-0826
<b>Vue</b>						
2010-08 V6 3.5L	48	730		—	430-5993	—
2010-08 V6 3.6L	48	730		—	430-5993	—
2007 L4 2.2L	75	525	6	—	7X-6100	—
2006-05 L4 2.2L	75	550	5	—	7X-6100	250-0489
2004 L4 2.2L	75	550	6	—	7X-6100	250-0489
2003-02 L4 2.2L	75	600	6	—	7X-6100	—
2003-02 V6 3.0L	75	600	6	—	7X-6100	—
<b>SCION</b>						
<b>FR-S</b>						
2016 H4 2.0L	35	430		—	250-0487	369-9958
2015-13 H4 2.0L	35	430	1	—	250-0487	369-9958
<b>iQ</b>						
2015-12 L4 1.3L Canada & Cold Climate	25	525		—	250-0488	8C-3600
<b>tC</b>						
2016 L4 2.5L	24F	530		—	3T-5858	250-0487
2015-11 L4 2.5L	24F	575		—	3T-5858	250-0487
2010 L4 2.4L Mfg. After March	24F	575		—	3T-5858	250-0487
2010 L4 2.4L Mfg. Be- fore April	24F	575		153-5656	3T-5857	250-0488
2009-05 L4 2.4L	24	575		153-5656	3T-5857	250-0488
<b>xA</b>						
2006-04 L4 1.5L	25	550		—	250-0488	8C-3600
<b>xB</b>						
2015-08 L4 2.4L	24F	575		—	3T-5858	250-0487
2006-04 L4 1.5L	25	550		—	250-0488	8C-3600
<b>xD</b>						
2014-08 L4 1.8L	35	550		—	250-0487	—
<b>SHELBY</b>						
<b>Series 1</b>						
2000-99 V8 4.0L	58	540		—	8C-3612	—
<b>SRT</b>						
<b>Viper</b>						
2014-13 V10 8.4L	90	590	1	—	430-6000	—

MAKE (145) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0° F	Notes (146)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
<b>SUBARU</b>						
<b>B9 Tribeca</b>						
2007-06 H6 3.0L	35	490		—	250-0487	369-9958
<b>BRZ</b>						
2017-13 H4 2.0L	35	550		—	250-0487	—
<b>Baja</b>						
2006-03 H4 2.5L w/MT	35	430		—	250-0487	369-9958
2006 H4 2.5L w/AT	35	490		—	250-0487	369-9958
2005-03 H4 2.5L	35	490		—	250-0487	369-9958
<b>Crosstrek</b>						
2017-16 H4 2.0L	35	390		—	250-0487	369-9958
<b>Forester</b>						
2017-16 H4 2.0L	35	390		—	250-0487	369-9958
2017-16 H4 2.5L	35	390		—	250-0487	369-9958
2015-14 H4 2.0L	35	550		—	250-0487	—
2015-10 H4 2.5L	35	550		—	250-0487	—
2009-08 H4 2.5L	35	490		—	250-0487	369-9958
2007 H4 2.5L	35	500		—	250-0487	369-9958
2006 H4 2.5L w/AT	35	490		—	250-0487	369-9958
2006 H4 2.5L w/MT	35	360		—	250-0487	369-9958
2005-98 H4 2.5L	35	520		—	250-0487	369-9958
2005 H4 2.5L w/MT	35	430		—	250-0487	369-9958
2004-03 H4 2.5L w/MT	35	360		—	250-0487	369-9958
2002-00 H4 2.5L	35	360		—	250-0487	369-9958
<b>Legacy</b>						
2017-10 H6 3.6L	25	490		—	250-0488	8C-3600
2017 H4 2.5L	25	355		—	250-0488	8C-3600
2016 H4 2.5L	25	355		—	250-0488	8C-3600
2015-10 H4 2.5L	25	490		—	250-0488	8C-3600
2009-08 H6 3.0L	35	490		—	250-0487	369-9958
2009 H4 2.5L	35	490		—	250-0487	369-9958
2008 H4 2.5L	85	430		—	369-9958	—
2007 H4 2.5L	35	490		—	250-0487	369-9958
2006-00 H4 2.5L w/MT	35	430		—	250-0487	369-9958
2006 H4 2.5L w/AT	35	490		—	250-0487	369-9958
2005-99 H4 2.5L	35	490		—	250-0487	369-9958
2000 H4 2.5L Optional	85	430		—	369-9958	—
1999-96 H4 2.2L	35	490		—	250-0487	369-9958

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146 See page 413 for further description.

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MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ ° F	Notes (148)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
H4 2.2L Optional	85	430		—	369-9958	—
1998-96 H4 2.5L	35	430		—	250-0487	369-9958
<b>Outback</b>						
2017-10 H6 3.6L	25	490		—	250-0488	8C-3600
2017 H4 2.5L	25	355		—	250-0488	8C-3600
2016 H4 2.5L	25	355		—	250-0488	8C-3600
2015-10 H4 2.5L	25	490		—	250-0488	8C-3600
2009-07 H4 2.5L	35	490		—	250-0487	369-9958
2009-07 H6 3.0L	35	490		—	250-0487	369-9958
H4 2.5L w/MT	35	490		—	250-0487	369-9958
H4 2.5L w/AT	35	490		—	250-0487	369-9958
H6 3.0L w/AT	35	490		—	250-0487	369-9958
2005-01 H6 3.0L	35	490		—	250-0487	369-9958
2005-00 H4 2.5L	35	490		—	250-0487	369-9958
<b>SVX</b>						
1997-96 H6 3.3L	24	585		153-5656	3T-5857	250-0488
<b>Tribeca</b>						
2014-08 H6 3.6L	35	490		—	250-0487	369-9958
<b>WRX, WRX STI</b>						
2017-15 H4 2.0L	35	390		—	250-0487	369-9958
2017-13 H4 2.5L	35	390		—	250-0487	369-9958
<b>XV Crosstrek</b>						
H4 2.0L Gas	35	390		—	250-0487	369-9958
2013 H4 2.0L	35	390		—	250-0487	369-9958
<b>SUZUKI</b>						
<b>Aerio</b>						
2007-04 L4 2.3L	24F	700		—	250-0486	127-0826
2003-02 L4 2.0L	24F	700		—	250-0486	127-0826
<b>Equator</b>						
2012-09 L4 2.3L	24F	550		—	3T-5858	250-0487
2012-09 V6 4.0L	24F	550		—	3T-5858	250-0487
<b>Esteem</b>						
2002-99 L4 1.8L	26R	440		—	369-9958	—
2001-96 L4 1.6L	26R	440		—	369-9958	—
L4 1.6L Optional	26R	540		—	369-9958	—
<b>Grand Vitara</b>						
2003-99 V6 2.5L	85	550		—	369-9958	—
2001 V6 2.7L	24F	550		—	3T-5858	250-0487
2013-07 L4 2.0L	24	700		153-5656	430-5997 {243}	—
<b>SX4 Crossover</b>						

MAKE <sup>(147)</sup> EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ ° F	Notes (148)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2012 L4 2.0L	24	700		153-5656	430-5997 {243}	—
<b>Sidekick</b>						
1998-96 L4 1.6L	26R	390		—	369-9958	250-0489 {32}
1998-96 L4 1.8L	85	550		—	369-9958	250-0489
<b>Swift</b>						
2001-96 L4 1.3L	26R	440		—	369-9958	250-0489 {32}
<b>Swift+</b>						
2009-04 L4 1.6L	86	550		—	8C-3600	250-0489
<b>Verona</b>						
2006-04 L6 2.5L	34	700	10	—	250-0486	127-0826
<b>Vitara</b>						
2003-99 L4 2.0L	85	550		—	369-9958	—
2002 L4 1.6L	26R	540		—	369-9958	—
2001-99 L4 1.6L	85	550		—	369-9958	—
<b>X-90</b>						
1998-96 L4 1.6L	26R	440		—	369-9958	250-0489 {32}
<b>XL-7</b>						
2003-02 V6 2.7L	85	550	24	—	369-9958	—
<b>TOYOTA</b>						
<b>86</b>						
2017 H4 2.0L	35	355		—	250-0487	369-9958
<b>4 Runner</b>						
2017-03 V6 4.0L	24F	585		—	3T-5858	250-0487
V6 4.0L Optional	27F	710		—	8C-3602	—
2010 L4 2.7L	24F	585		—	3T-5858	250-0487
L4 2.7L Optional	27F	710		—	8C-3602	—
2009-03 V8 4.7L	24F	585		—	3T-5858	250-0487
V8 4.7L Optional	27F	710		—	8C-3602	—
2009-03 V6 3.4L	24F	585		—	3T-5858	250-0487
2002-01 V6 3.4L	24F	585		—	3T-5858	250-0487
2000-96 L4 2.7L	24F	585		—	3T-5858	250-0487
2000-96 V6 3.4L	35	360		—	250-0487	369-9958
V6 3.4L Optional	24F	585		—	3T-5858	250-0487
<b>Avalon</b>						
2017-05 V6 3.5L	24F	585		—	3T-5858	250-0487
L4 2.5L Hybrid, w/ Mayday System	S65- D26- R	450	1, 80, 139, 235	—	—	—
2015-13 H4 2.5L Optional	85	430		—	369-9958	—
V6 3.5L Optional	35	390		—	250-0487	369-9958

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148 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (149) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (150)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (149) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (150)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2014 V6 3.5L	24F	582		—	3T-5858	250-0487							
2004-03 V6 3.0L Optional	35	390		—	250-0487	369-9958							
2004-03 V6 3.0L US	35	360		—	250-0487	369-9958							
2004-96 V6 3.0L Optional	24F	582		—	3T-5858	250-0487							
2002 V6 3.0L Optional	35	360		—	250-0487	369-9958							
2002 V6 3.0L US	35	390		—	250-0487	369-9958							
2001-96 V6 3.0L US	35	360		—	250-0487	369-9958							
<b>Camry</b>													
2017-12 L4 2.5L Gas	24F	585		—	3T-5858	250-0487							
2017-07 V6 3.5L	24F	585		—	3T-5858	250-0487							
2011-10 L4 2.5L	24F	585		—	3T-5858	250-0487							
2009-04 L4 2.4L Gas, Canada & Optional	24F	585		—	3T-5858	250-0487							
2009-04 L4 2.4L Gas, US	35	390		—	250-0487	369-9958							
2009-04 V6 3.0L	24F	585		—	3T-5858	250-0487							
2009-04 V6 3.3L	24F	585		—	3T-5858	250-0487							
2003-02 L4 2.4L Canada or Op- tional US	24F	585		—	3T-5858	250-0487							
2003-02 L4 2.4L US	35	360		—	250-0487	369-9958							
2003-99 V6 3.0L US	35	360		—	250-0487	369-9958							
2003-96 V6 3.0L Canada or Op- tional US	24F	585		—	3T-5858	250-0487							
2002 V6 3.0L US	35	390		—	250-0487	369-9958							
2001-96 L4 2.2L Canada or Op- tional US	24F	585		—	3T-5858	250-0487							
2001-96 L4 2.2L US	35	360		—	250-0487	369-9958							
1998-96 V6 3.0L US	35	390		—	250-0487	369-9958							
<b>Celica</b>													
2005-00 L4 1.8L	35	310		—	250-0487	369-9958							
1999-96 L4 2.2L Canada	24F	585		—	3T-5858	250-0487							
<b>Corolla</b>													
1999-96 L4 2.2L US	35	360		—	250-0487	369-9958							
1999-96 L4 1.8L	35	360		—	250-0487	369-9958							
<b>2017-09 L4 1.8L 35 355</b>													
<b>2012-11 L4 2.4L 24F 585</b>													
<b>2011-09 L4 1.8L Eng code 2ZRFE 35 550</b>													
<b>2010-09 L4 2.4L Eng code 2AZFE 24F 575</b>													
<b>2008-06 L4 1.8L 35 420</b>													
<b>2005-04 L4 1.8L 35 310</b>													
<b>2003-98 L4 1.8L 35 360</b>													
<b>1997-96 L4 1.6L 35 310</b>													
<b>1997-96 L4 1.8L 35 420</b>													
<b>1996 L4 1.6L Optional 21R 360</b>													
<b>Corololoa iM</b>													
<b>2017 L4 1.8L 35 355</b>													
<b>Echo</b>													
<b>2005-03 L4 1.5L 21 420</b>													
<b>2002-00 L4 1.5L Canada or Op-tional US 25 420</b>													
<b>2002-00 L4 1.5L US 21 310</b>													
<b>FJ Cruiser</b>													
<b>2014 V6 4.0L 24R 585</b>													
<b>2013-11 V6 4.0L 24F 585</b>													
<b>2010-07 V6 4.0L 27F 710</b>													
<b>Highlander</b>													
<b>2017-15 V6 3.5L Gas 24F 585</b>													
<b>2017-09 L4 2.7L 24F 585</b>													
<b>2014 V6 3.5L 24F 585</b>													
<b>2013-08 V6 3.5L Gas 24F 585</b>													
<b>2007-04 V6 3.3L Gas 24F 585</b>													
<b>2007-01 L4 2.4L 24F 585</b>													
<b>2003-01 V6 3.0L 24F 585</b>													
<b>Land Cruiser</b>													

149 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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150 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (151) EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (152)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (151) EQUIPMENT TYPE YEAR / MODEL	O.E. CCA BCI @ NO. 0°	Notes (152)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
				(U.S. Only)						(U.S. Only)	
2017-13 V8 5.7L	27F 710		—	8C-3602	—	2012-06 V6 3.5L	24F 585		—	3T-5858	250-0487
2011-08 V8 5.7L	27F 710		—	8C-3602	—	2008-04 L4 2.4L	24F 585		—	3T-5858	250-0487
2007-01 V8 4.7L	27F 710		—	8C-3602	—	2003-01 L4 2.0L	35 420		—	250-0487	369-9958
2000-98 V8 4.7L	24F 575		—	3T-5858	250-0487	2000-96 L4 2.0L	35 360		—	250-0487	369-9958
1997-96 L6 4.5L Canada or Optional	27F 625		—	8C-3602	3T-5858	<b>Sequoia</b>					
1997-96 L6 4.5L US	24F 450		—	3T-5858	250-0487	2016-08 V8 5.7L	27F 710		—	8C-3602	—
<b>Matrix</b>						2012-10 V8 4.6L	27F 710		—	8C-3602	—
2014-09 L4 1.8L	35 355		—	250-0487	369-9958	2009-04 V8 4.7L	27F 710		—	8C-3602	—
2013-12 L4 2.4L	24F 575		—	3T-5858	250-0487	2003-02 V8 4.7L Optional	27F 710		—	8C-3602	—
2011-09 L4 1.8L Eng code 2ZRFE	35 550		—	250-0487	—	2003-01 V8 4.7L	24F 585		—	3T-5858	250-0487
2011-09 L4 2.4L Eng code 2AZFE	24F 575		—	3T-5858	250-0487	2001 V8 4.7L Optional	27F 650		—	8C-3602	3T-5858
2008-07 L4 1.8L	35 500		—	250-0487	369-9958	<b>Sienna</b>					
2008-03 L4 1.8L	35 550		—	250-0487	—	2017-07 V6 3.5L	24F 585		—	3T-5858	250-0487
<b>Paseo</b>						2013-11 L4 2.7L	24F 585		—	3T-5858	250-0487
1999-98 L4 1.5L	25 550		—	250-0487	8C-3600	2006-04 V6 3.3L	24F 585		—	3T-5858	250-0487
1997-96 L4 1.5L US	21 310		—	8C-3600	250-0488 {32}	2003-02 V6 3.0L	35 360		—	250-0487	369-9958
1997 L4 1.5L Canada or Op- tional US	25 360		—	250-0487	8C-3600	2003-02 V6 3.0L Optional	24F 585		—	3T-5858	250-0487
1996 L4 1.5L Canada or Op- tional US	25 410		—	250-0487	8C-3600	2001-98 V6 3.0L	24F 585		—	3T-5858	250-0487
<b>Previa</b>						<b>Solara</b>					
1997-96 L4 2.4L Canada & Optional	24F 585		—	3T-5858	250-0487	2008-06 L4 2.4L	24F 585		—	3T-5858	250-0487
1997-96 L4 2.4L US	35 360		—	250-0487	369-9958	2008-04 V6 3.3L	24F 585		—	3T-5858	250-0487
<b>Rav4</b>						2005-02 L4 2.4L Optional	24F 585		—	250-0487	369-9958
2017 L4 2.5L Gas	35 355		—	250-0487	369-9958	2005-02 L4 2.4L US	35 360		—	250-0487	369-9958
2016 L4 2.5L Gas	35 355		—	250-0487	369-9958	2003-99 V6 3.0L Optional	24F 585		—	3T-5858	250-0487
2015-14 L4 2.5L	35 356		—	250-0487	369-9958	2003-99 V6 3.0L US	35 360		—	250-0487	369-9958
2014-12 --L Electric	55D- 23L 355		—	250-0487	—	2002 V6 3.0L US	35 390		—	250-0487	369-9958
2013-09 L4 2.5L	24F 585		—	3T-5858	250-0487	2001-99 L4 2.2L Optional	24F 585		—	3T-5858	250-0487
						2001-99 L4 2.2L US	35 360		—	250-0487	369-9958
						<b>Supra</b>					
						1998-96 L6 3.0L	24F 585		—	3T-5858	250-0487
						<b>T100</b>					
						1998-96 L4 2.7L	24F 585		—	3T-5858	250-0487
						1998-96 V6 3.4L	24F 585		—	3T-5858	250-0487
						<b>Tacoma</b>					
						2016-05 L4 2.7L	24F 585		—	3T-5858	250-0487
						2016 V6 3.5L	27F 710		—	8C-3602	—
						2015-09 V6 4.0L	27F 710		—	8C-3602	—

151 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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152 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (153) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (153) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (154)	PREMIUM HIGH OUTPUT	GENERAL DUTY							
					(U.S. Only)							(U.S. Only)							
2008-05	V6 4.0L Cold Cli- mate, w/ Tow Pkg	27F	710		—	8C-3602	—					2012-07	V8 5.7L Exc Cold Climate	24F	585		—	3T-5858	250-0487
2008-05	V6 4.0L Exc Cold Climate, w/Tow Pkg	24F	585		—	3T-5858	250-0487					2012-05	V6 4.0L Cold Climate	27F	710		—	8C-3602	—
2004-96	L4 2.4L Optional	24F	585		—	3T-5858	250-0487					2012-05	V6 4.0L Exc Cold Climate	24F	585		—	3T-5858	250-0487
2004-96	L4 2.4L US	35	360		—	250-0487	369-9958					2009-00	V8 4.7L Cold Climate	27F	710		—	8C-3602	—
2004-96	L4 2.7L Optional	24F	585		—	3T-5858	250-0487					2009-00	V8 4.7L Exc Cold Climate	24F	585		—	3T-5858	250-0487
2004-96	L4 2.7L US	35	360		—	250-0487	369-9958					2004-00	V6 3.4L w/AT	24F	585		—	3T-5858	250-0487
2004	L4 2.4L	35	310		—	250-0487	369-9958					2004-00	V6 3.4L w/MT	35	360		—	250-0487	369-9958
2004	L4 2.7L	35	310		—	250-0487	369-9958					2000	V8 4.7L Optional	27F	650		—	8C-3602	3T-5858
2004	V6 3.4L	24F	550		—	3T-5858	250-0487					<b>Venza</b>							
2003-96	V6 3.4L Optional	24F	550		—	3T-5858	250-0487					2016-09	L4 2.7L	24F	585		—	3T-5858	250-0487
2003-96	V6 3.4L US	35	360		—	250-0487	369-9958					2016-09	V6 3.5L	24F	585		—	3T-5858	250-0487
<b>Tercel</b>												<b>Yaris</b>							
1999	L4 1.5L	21	310		—	8C-3600	250-0488 {32}					2016	L4 1.5L	23L	360	12, 139	—	250-0487	—
1998-96	L4 1.5L Optional	25	360		—	250-0488	8C-3600					2015-06	L4 1.5L	55D- 23L	360	12	—	250-0487	—
1998-96	L4 1.5L US	21	310		—	8C-3600	250-0488 {32}					<b>VOLKSWAGEN</b>							
<b>Tundra</b>												<b>Beetle - Type 1</b>							
2016-13	V8 4.6L	24F	585		—	3T-5858	250-0487					2016	L4 1.8L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2016	V8 5.7L	27F	710		—	8C-3602	—					2016	L4 1.8L PR-J1L Code	48	480	1, 8, 23, 24, 275	—	430-5993	—
2015-13	V8 4.6L Optional	27F	710		—	8C-3602	—					2016	L4 2.0L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2015-13	V8 5.7L	24F	585		—	3T-5858	250-0487					2016	L4 2.0L PR-J1L Code	48	480	1, 8, 23, 24, 275	—	430-5993	—
2015-13	V8 5.7L Optional	27F	710		—	8C-3602	—					2015-13	L4 2.0L PR-J1L Code	48	480	8, 23, 24, 275, 286	—	430-5993	—
2015-13	V6 4.0L	24F	585		—	3T-5858	250-0487					2015	L4 1.8L PR-J1D Code	48	640	8, 23, 24, 275, 286	—	430-5993	—
2015-13	V6 4.0L Optional	27F	710		—	8C-3602	—					2015	L4 1.8L PR-J1L Code	48	480	8, 23, 24, 275, 286	—	430-5993	—
2012-10	V8 4.6L Cold Climate	27F	710		—	8C-3602	—					2015	L4 2.0L Diesel,	48	640	1, 8, 23, 24, 275	—	430-5993	—
2012-10	V8 4.6L Exc Cold Climate	24F	585		—	3T-5858	250-0487												
2012-07	V8 5.7L Cold Climate	27F	710		—	8C-3602	—												

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154 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (155) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (155) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (156)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
							2005	L4 1.8L Optional	48 640		—	430-5993	430-6001
2015		48 480	1, 8, 23, 24, 275	—	430-5993	—	2004-03	L4 1.8L Optional	48 640	44	—	430-5993	430-6001
2015		48 640	8, 23, 24, 275, 286	—	430-5993	—	2004-98	L4 1.9L Diesel, Turbo	48 640	44	—	430-5993	430-6001
2014		19L 410		—	8C-3617 {32}	—	1999	L4 1.8L	48 640	44	—	430-5993	430-6001
<b>CC</b>													
2014		48 640	8, 24, 275, 286	—	430-5993	—	2016	L4 2.0L Optional	48 640	1, 8, 23, 24	—	430-5993	—
2014		48 480	8, 23, 24, 275, 286	—	430-5993	—	2016	L4 2.0L Optional	49 760	1, 8, 23, 24	—	307-0751	—
2014		48 640	8, 24, 275, 286	—	430-5993	—	2015-12	L4 2.0L Optional	48 640	8, 23, 24, 286	—	430-5993	—
2014		48 640	8, 24, 275, 286	—	430-5993	—	2015-12	L4 2.0L Optional	48 640	8, 23, 24, 286	—	307-0751	—
2014		48 640	8, 24, 275, 286	—	430-5993	—	2015-12	V6 3.6L Optional	49 760	8, 23, 24, 286	—	307-0751	—
2014		48 480	8, 24, 275, 286	—	430-5993	—	2015-12	V6 3.6L Optional	48 640	8, 23, 24, 286	—	430-5993	—
2014		48 680	8, 24, 275, 286	—	430-5993	—	1999-98	L4 2.0L Optional	49 760	8, 23, 24, 286	—	430-5993	—
2013-12		48 480	8, 23, 24, 275, 286	—	430-5993	—	2011-09	V6 3.6L	48 640	8, 24, 139, 286	—	430-6008	—
2013		48 640	8, 23, 24, 275, 286	—	430-5993	—	<b>Cabrio</b>						
2013		48 640	8, 23, 24, 275, 286	—	430-5993	—	1999-98	L4 2.0L	97R 575		—	430-6008	—
2013		48 640	8, 23, 24, 275, 286	—	430-5993	—	1997-96	L4 2.0L	42 460		—	250-0490	—
2013		48 640	8, 23, 24, 275, 286	—	430-5993	—	<b>Eos</b>						
2012		48 640	8, 23, 24, 275, 286	—	430-5993	—	2016	L4 2.0L Optional	48 640	1, 8, 23, 24	—	430-5993	—
2010-06		48 640	8, 23, 24, 286	—	430-5993	—	2015-07	L4 2.0L Optional	48 640	8, 23, 24, 286	—	430-5993	—
2006		48 640	8, 23, 24, 286	—	430-5993	—	2008	V6 3.2L Exc Aux, PR-J2K Code	48 640	8, 23, 24, 275, 286	—	430-5993	—
							2008	V6 3.2L Optional	48 640	8, 23, 24, 275, 286	—	430-5993	—
							2007	V6 3.2L Optional	48 640	8, 23, 24, 286	—	430-5993	—
							<b>Eurovan</b>						
							2003-00	V6 2.8L Exc Auxiliary	97R 575	286	—	430-6008	—
							1999	V6 2.8L Exc Auxiliary	42 460		—	250-0490	—
							1997-96	L5 2.4L	42 460		—	250-0490	—
							1997-96	L5 2.4L Diesel	97R 575		—	430-6008	—

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156 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (157) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (158)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (157) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (158)	PREMIUM HIGH OUTPUT	GENERAL DUTY			
					(U.S. Only)							(U.S. Only)			
1997	V6 2.8L	42	460		—	250-0490	—	1997	L4 2.0L	42	460		—	250-0490	—
1996	L5 2.5L	97R	575	286	—	430-6008	—	1997	V6 2.8L	42	460		—	250-0490	—
<b>GTI</b>															
2016	L4 2.0L Optional	48	570	1, 8	—	430-5993	—	1996	L4 1.8L	41	575		—	8C-3605	—
2015-12	L4 2.0L Optional	48	570	1, 8	—	430-5993	—	1996	L4 1.9L Diesel	41	650		—	8C-3605	—
2011	L4 2.0L	48	570	8, 286	—	430-5993	—	1996	L4 2.0L	41	575		—	8C-3605	—
2010-09	L4 2.0L	48	570	8, 24	—	430-5993	—	1996	V6 2.8L	41	575		—	8C-3605	—
2008-06	L4 2.0L	48	540	8, 24	—	430-5993	—	<b>Golf R</b>							
<b>Golf</b>															
2016	L4 1.8L Optional	48	640	1, 48	—	430-5993	—	2016-15	L4 2.0L Gas, Optional	48	640	1, 8	—	430-5993	—
2015	L4 1.8L Optional	48	640	8, 286	—	430-5993	—	<b>Golf SportWagen</b>							
2015	L4 2.0L Diesel, Optional	48	640	1, 48	—	430-5993	—	2016	L4 1.8L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—
2014-10	L5 2.5L Optional	48	640	8, 286	—	430-5993	—	2015	L4 1.8L Gas, PR-J1D Code	48	640	8, 23, 24, 275, 286	—	430-5993	—
2014	L4 2.0L Diesel, Optional	48	640	8, 286	—	430-5993	—	2015	L4 2.0L Diesel, PR-J1D Code	48	640	8, 23, 24, 275, 286	—	430-5993	—
2013-10	L4 2.0L Diesel, Optional	48	640	8, 286	—	430-5993	430-6001	<b>Jetta</b>							
2013	L4 2.0L Diesel, Optional	48	640	8, 286	—	430-5993	430-6001	2016	L4 1.4L	48	480	1, 8, 23, 24	—	430-5993	—
2006	L4 1.9L Diesel	48	570	24, 43	—	430-5993	430-6001	2016	L4 1.4L Optional	48	640	1, 8, 23, 24	—	430-5993	—
2006	L4 2.0L	47	480	24, 43	—	430-6000	—	2016	L4 1.8L	48	480	1, 8, 23, 24	—	430-5993	—
2005-04	L4 1.9L Diesel, Turbo	94R	640	24, 43	—	430-6005	430-6004	2016	L4 1.8L Optional	48	640	1, 8, 23, 24	—	430-5993	—
2005-03	V6 2.8L	94R	640	24, 43	—	430-6005	430-6004	2016	L4 2.0L	48	480	1, 8, 23, 24	—	430-5993	—
2005-03	V6 2.8L Optional	94R	700	24, 43	—	430-6005	430-6004	2016	L4 2.0L Optional	48	640	1, 8, 23, 24	—	430-5993	—
2005-00	L4 2.0L	47	570	24, 43	—	430-6000	—	2015	L4 1.4L Hybrid	48	480	8, 23, 24, 286	—	430-5993	—
2000	L4 1.9L Diesel	94R	620	24, 43	—	430-6005	430-6004	2015	L4 1.4L Hybrid, Optional	48	640	8, 23, 24, 286	—	430-5993	—
1999-98	L4 2.0L	97R	575	24, 43	—	430-6008	—	2015	L4 1.8L	48	480	8, 23, 24, 286	—	430-5993	—
1999-98	V6 2.8L	97R	575	24, 43	—	430-6008	—	2015	L4 1.8L Optional	48	640	8, 23, 24, 286	—	430-5993	—
1999	L4 1.9L Diesel	98R	620	24, 43	—	430-6008	—	2015	L4 2.0L Diesel	48	480	8, 23, 24, 286	—	430-5993	—
1998	L4 1.8L	97R	575	24, 43	—	430-6008	—	2015	L4 2.0L Diesel, Optional	48	640	8, 23, 24, 286	—	430-5993	—
1998	L4 1.8L Diesel	97R	575		—	430-6008	—	2015	L4 2.0L Gas	48	480	8, 23, 24, 286	—	430-5993	—
1997	L4 1.8L	42	460	24, 43	—	250-0490	—								
1997	L4 1.9L Diesel	98R	620		—	430-6008	—								

157 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

158 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (159) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (160)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (159) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (160)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2015 L4 2.0L Gas, Optional	48	640	8, 23, 24, 286	—	430-5993	—	2004 L4 1.8L Turbo & Optional	94R	640	8, 24, 286	—	430-6005	430-6004
2014-13 L4 1.4L Optional	48	570	2, 286	—	430-5993	430-6001	2003-00 L4 1.8L Optional	94R	640	8, 24, 286	—	430-6005	430-6004
2014-09 L4 2.0L Diesel, Optional	48	570	2, 24, 286	—	430-5993	430-6001	2002-00 L4 1.8L Optional	48	570	8, 24, 286	—	430-5993	—
2014-08 L4 2.0L Gas, Optional	48	570	2, 24, 286	—	430-5993	430-6001	2002-98 L4 1.9L Diesel, Optional	48	570	8, 24, 286	—	430-5993	430-6001
2014-05 L5 2.5L Optional	48	570	2, 24, 286	—	430-5993	430-6001	2002-98 L4 2.0L Optional	48	570	8, 24, 286	—	430-5993	430-6001
2014 L4 1.8L Optional	48	570	8, 286	—	430-5993	430-6001	2002-98 V6 2.8L Optional	48	570	8, 24, 286	—	430-5993	430-6001
2009-08 L4 2.0L Gas, Optional	94R	640	8, 24, 286	—	430-6005	430-6004	2001 L4 1.8L Cold or Opt	49	760	8, 24, 286	—	307-0751	—
2009-05 L5 2.5L Optional	94R	640	8, 24, 286	—	430-6005	430-6004	2001 L4 1.9L Diesel & Cold Cli- mate or Optional	49	760	8, 24, 286	—	307-0751	—
2009 L4 2.0L Diesel, Optional	94R	640	8, 24, 286	—	430-6005	430-6004	2001 L4 2.0L Cold Climate or Opt	49	760	8, 24, 286	—	307-0751	—
2007 L4 2.0L Optional	48	570	8, 24, 286	—	430-5993	430-6001	2001 V6 2.8L Cold Climate or Opt	49	760	8, 24, 286	—	307-0751	—
2007 L4 2.0L Optional	94R	640	8, 24, 286	—	430-6005	430-6004	1999-98 L4 1.9L Diesel, Optional	97R	575	8, 24, 286	—	430-6008	—
2006-05 L4 1.9L Diesel, Optional	48	570	8, 24, 286	—	430-5993	430-6001	1999-98 L4 2.0L Optional	97R	575	8, 24, 286	—	430-6008	—
2006-98 L4 1.9L Diesel, Optional	94R	640	8, 24, 286	—	430-6005	430-6004	1999-98 V6 2.8L Optional	97R	575	8, 24, 286	—	430-6008	—
2006 L4 2.0L Turbo & Optional	48	570	8, 24, 286	—	430-5993	430-6001	1997 L4 1.9L Diesel	98R	620	43	—	430-6008	—
2006 L4 2.0L Turbo & Optional	94R	640	8, 24, 286	—	430-6005	430-6004	1997 L4 2.0L	42	460	—	—	250-0490	—
2005-98 L4 2.0L Optional	94R	640	8, 24, 286	—	430-6005	430-6004	1997 V6 2.8L	42	460	—	—	250-0490	—
2005 L4 1.8L Optional	48	570	24, 43	—	430-5993	—	1996 L4 1.9L Diesel	41	575	—	—	8C-3605	—
2005 L4 1.8L Turbo & Optional	94R	640	24, 43	—	430-6005	430-6004	1996 L4 1.9L Diesel	41	575	49	—	8C-3605	—
2005 L4 2.0L Optional	48	570	8, 24, 286	—	430-6005	430-6004	1996 L4 2.0L	41	575	—	—	8C-3605	—
2004-98 V6 2.8L Optional	94R	640	8, 24, 286	—	430-6005	430-6004	1996 V6 2.8L	41	575	—	—	8C-3605	—
<b>Jetta City</b>													
2009-07 L4 2.0L Optional	48	570	8, 24, 286	—	430-5993	430-6001	2009-07 L4 2.0L Optional	94R	480	8, 24, 286	—	430-6005	430-6004

159 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

160 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (161) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (162)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (161) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (162)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2016 L4 1.8L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—	2013 L5 2.5L Optional	48	640	8, 24, 286	—	430-5993	—
2016 V6 3.6L PR-J1D Code	48	640	1, 8, 23, 24, 275	—	430-5993	—	2013 L5 2.5L Optional	49	760	8, 24, 286	—	307-0751	—
2015 L4 1.8L Optional	48	640	1, 8, 23, 24, 286	—	430-5993	—	2012 L4 2.5L Optional	48	640	8, 24, 139, 286	—	430-5993	—
2015 L4 1.8L Optional	49	760	8, 23, 24, 286	—	307-0751	—	2012 L4 2.5L Optional	49	760	8, 24, 139, 286	—	307-0751	—
2015 L4 2.0L Diesel	49	760	8, 23, 24, 286	—	307-0751	—	2010-06 L4 2.0L Optional	48	640	8, 24	—	430-5993	—
2015 L4 2.0L Diesel, Optional	48	640	8, 23, 24, 286	—	430-5993	—	2010-06 V6 3.6L	48	640	24, 43	—	430-5993	430-6001
2015 L4 2.0L Diesel, Optional	49	760	8, 23, 24, 286	—	307-0751	—	2005-03 V6 2.8L	48	540	8, 24	—	430-5993	430-6001
2015 L5 2.5L Optional	48	640	8, 23, 24, 286	—	430-5993	—	2005-98 L4 1.8L	48	570	24, 43	—	430-5993	430-6001
2015 L5 2.5L Optional	48	640	8, 23, 24, 286	—	430-5993	—	2005 L4 1.8L Exc 4 Motion	49	740	43, 286	—	307-0751	—
2015 L5 2.5L Optional	49	760	8, 23, 24, 286	—	307-0751	—	2005 L4 2.0L	94R	640	8, 24, 43	—	430-6005	430-6004
2015 V6 3.6L Optional	48	640	8, 23, 24, 286	—	430-5993	—	2004-03 W8 4.0L	94R	640	24, 43	—	430-6005	430-6004
2014 L4 1.8L Optional	48	640	8, 286	—	430-5993	—	2004 L4 2.0L Diesel	94R	640	8, 24	—	430-6005	430-6004
2014 L4 1.8L Optional	49	760	8, 286	—	307-0751	—	2002-00 V6 2.8L	48	540	8, 24, 43	—	430-5993	430-6001
2014 L4 2.0L Diesel	48	640	8, 24, 286	—	430-5993	—	2002 W8 4.0L	48	570	24, 43	—	430-5993	430-6001
2014 L4 2.0L Diesel, Optional	49	760	8, 286	—	307-0751	—	1999-98 V6 2.8L	48	540	24, 43	—	430-5993	430-6001
2014 L5 2.5L Optional	48	640	8, 286	—	430-5993	—	1997-96 V6 2.8L	42	460		—	250-0490	—
2014 L5 2.5L Optional	49	760	8, 286	—	307-0751	—	1996 L4 1.9L	41	650		—	8C-3605	—
2014 V6 3.6L Optional	48	640	8, 286	—	430-5993	430-6001	1996 L4 1.9L Diesel	41	460		—	8C-3605	250-0490
2014 V6 3.6L Optional	49	760	8, 286	—	307-0751	—	1996 L4 1.9L Diesel	41	650	37	—	8C-3605	—
2013-12 L4 2.0L Diesel, Optional	48	640	8, 24, 286	—	430-5993	—	1996 L4 2.0L	42	460		—	250-0490	—
2013-12 L4 2.0L Diesel, Optional	49	760	8, 24, 286	—	307-0751	—	<b>Passat CC</b>						
2013-12 V6 3.6L Optional	48	640	8, 24, 286	—	430-5993	430-6001	2010-09 V6 3.6L	48	640	139, 286	—	430-5993	430-6001
2013-12 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	<b>Phaeton</b>						
2012 L4 1.8L Optional	48	640	8, 286	—	430-5993	—	2006-04 V8 4.2L	49	740	139, 286	—	307-0751	—
2012 L4 2.0L Diesel, Optional	48	640	8, 24, 286	—	430-5993	—	2006-04 W12 6.0L	49	740	139, 286	—	307-0751	—
2012 L5 2.5L Optional	48	640	8, 24, 286	—	430-5993	430-6001	<b>R332</b>						
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	2008 V6 3.2L	94R	640	24, 43	—	430-6005	430-6004
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	<b>Rabbit</b>						
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	2009-06 L5 2.5L	48	540	24	—	430-5993	430-6001
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	<b>Routan</b>						
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	2014-13 V6 3.6L	94R	700		—	430-6005	430-6004
2012 V6 3.6L Optional	49	760	8, 24, 286	—	307-0751	—	2012 V6 3.6L	94R	730		—	430-6005	430-6004

161 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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162 See page 413 for further description.



# Passenger Cars and Light Trucks

MAKE (163) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (164)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (163) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (164)	PREMIUM HIGH OUTPUT	GENERAL DUTY			
					(U.S. Only)							(U.S. Only)			
2011	V6 3.6L	94R	700	—	430-6005	430-6004	2015	V6 3.0L Hybrid, Optional	94R	760	8, 23, 24, 286	—	430-6005	430-6004	
2010-09	V6 3.8L	34	600	—	250-0486	127-0826	2015	V6 3.0L Hybrid, Optional	94R	800	8, 23, 24, 80, 286	—	430-6004	—	
2010-09	V6 4.0L	34	600	—	250-0486	127-0826	2015	V6 3.0L Hybrid, Optional	94R	850	8, 23, 24, 286	—	430-6006	—	
<b>Tiguan</b>							2015	V6 3.6L Gas	94R	640	8, 23, 24, 286	—	430-6005	430-6004	
2016	L4 2.0L Optional	48	640	1, 8, 23, 24	—	430-5993	—	2015	V6 3.6L Gas Optional	49	850	8, 23, 24, 80, 286	—	307-0751	—
2015	L4 2.0L Optional	48	640	8, 23, 24, 286	—	430-5993	—	2015	V6 3.6L Gas Optional	94R	760	8, 23, 24, 286	—	430-6005	430-6004
2014	L4 2.0L Optional	48	640	8, 24, 286	—	430-5993	—	2015	V6 3.6L Gas Optional	94R	850	8, 23, 24, 286	—	430-6006	—
2013-09	L4 2.0L Optional	48	640	8, 24, 286	—	430-5993	430-6001	2014-12	V6 3.0L Hybrid	48	640	8, 24, 153, 286	—	430-5993	—
<b>Touareg</b>							2014	V6 3.0L Diesel, Optional	94R	760	8, 153, 286	—	430-6005	430-6004	
2016	V6 3.0L Diesel	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004	2014	V6 3.0L Diesel, Optional	95R	850	8, 153, 286	—	430-6006	—
2016	V6 3.0L Diesel Optional	94R	760	1, 8, 23, 24, 153	—	430-6005	430-6004	2014	V6 3.0L Hybrid, Optional	94R	760	8, 153, 286	—	430-6005	430-6004
2016	V6 3.0L Diesel Optional	94R	800	1, 8, 23, 24, 80, 153	—	430-6004	—	2014	V6 3.0L Hybrid, Optional	95R	850	8, 153, 286	—	430-6006	—
2016	V6 3.0L Diesel Optional	94R	850	1, 8, 23, 24, 153	—	430-6006	—	2014	V6 3.0L Hybrid, Optional	94R	760	8, 153, 286	—	430-6005	430-6004
2016	V6 3.6L	94R	640	1, 8, 23, 24, 153	—	430-6005	430-6004	2014	V6 3.0L Hybrid, Optional	94R	760	8, 153, 286	—	430-6005	430-6004
2016	V6 3.6L Optional	94R	760	1, 8, 23, 24, 153	—	430-6005	430-6004	2014	V6 3.0L Hybrid, Optional	95R	850	8, 153, 286	—	430-6006	—
2016	V6 3.6L Optional	94R	800	1, 8, 23, 24, 80, 153	—	430-6004	—	2014	V6 3.6L	48	640	8, 153, 286	—	430-5993	—
2016	V6 3.6L Optional	95R	850	1, 8, 23, 24, 153	—	430-6006	—	2014	V6 3.6L Optional	48	570	8, 153, 286	—	430-6005	430-6004
2015	V6 3.0L Diesel	94R	640	8, 23, 24, 286	—	430-6005	430-6004	2014	V6 3.6L Optional	48	540	8, 153, 286	—	430-6006	—
2015	V6 3.0L Diesel, Optional	49	850	8, 23, 24, 80, 286	—	307-0751	—	2013-12	V6 3.0L Diesel, Optional	42	460	8, 24, 153, 286	—	430-6006	—
2015	V6 3.0L Diesel, Optional	95R	850	8, 23, 24, 286	—	430-6006	—	2013-11	V6 3.0L Diesel, Optional	41	650	8, 24, 153, 286	—	430-6005	430-6004
2015	V6 3.0L Hybrid	94R	640	8, 23, 24, 286	—	430-6005	430-6004								
2015	V6 3.0L Hybrid Optional	49	850	8, 23, 24, 80, 286	—	307-0751	—								

163 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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164 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (165) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (166)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (165) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (166)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2013-11 V6 3.0L Hybrid, Optional	94R	760	8, 24, 153, 286	—	430-6005	430-6004	<b>C30</b>						
2013-11 V6 3.0L Hybrid, Optional	95R	850	8, 24, 153, 286	—	430-6006	—	2013-07 L5 2.5L	91	590	1	—	430-6001	—
2013-11 V6 3.6L Optional	94R	760	8, 24, 153, 286	—	430-6005	430-6004	2013-07 L5 2.5L Optional	94R	700	1	—	430-6005	430-6004
2013-07 V6 3.6L Optional	95R	850	8, 24, 153, 286	—	430-6006	—	2010-07 L5 2.4L	91	590	1	—	430-6001	—
2013 V6 3.0L Diesel	48	640	8, 24, 153, 286	—	430-5993	—	2010-07 L5 2.4L Optional	94R	700	1	—	430-6005	430-6004
2013 V6 3.6L	48	640	8, 24, 153, 286	—	430-5993	—	<b>C70</b>						
2012-11 V6 3.0L Diesel	48	640	8, 24, 153, 286	—	430-5993	430-6001	2013-06 L5 2.5L	91	590	1	—	430-6001	—
2012-11 V6 3.6L	48	640	8, 24, 153, 286	—	430-5993	430-6001	2013-06 L5 2.5L Optional	94R	700	1	—	430-6005	430-6004
2012-07 V6 3.6L	49	760	8, 24, 153, 286	—	307-0751	—	2004-03 L5 2.3L Turbo	48	600	1, 6	—	430-5993	—
2011-09 V6 3.0L Diesel	95R	850	8, 24, 153, 286	—	430-6006	—	2004 L5 2.4L Turbo	48	600	1, 6	—	430-5993	—
2015 V6 3.6L Optional	48	640	8, 23, 24, 286	—	430-5993	—	2003 L5 2.4L	48	600	1, 6	—	430-5993	—
2011 V6 3.0L Hybrid	48	640	8, 24, 153, 286	—	430-5993	430-6001	2002-01 L5 2.3L	48	600	1, 6, 46	—	430-5993	—
2009-08 V8 4.2L	93	790	153, 286	—	430-6003	—	2002-01 L5 2.4L	48	600	1, 6, 46	—	430-5993	—
2008-06 V10 5.0L	93	740	153, 286	—	430-6003	—	<b>S40</b>						
2007-06 V8 4.2L	93	740	153, 286	—	430-6003	—	2011-05 L5 2.5L w/o Prem Audio	91	590	1	—	430-6001	—
2006-05 V10 5.0L	49	850	8, 153, 286	—	307-0751	—	2011-04 L5 2.5L w/Prem Audio	94R	700	1	—	430-6005	430-6004
2006-04 V6 3.2L	94R	640	153, 286	—	307-0751	—	2010-05 L5 2.4L w/o Prem Audio	91	590	1	—	430-6001	—
2005-04 V8 4.2L	49	740	153, 286	—	307-0751	—	2010-04 L5 2.4L w/Prem Audio	94R	700	1	—	430-6005	430-6004
2004 V10 4.9L Diesel	49	850	8, 153, 286	—	307-0751	—	2004 L4 1.9L Early Model	48	600		—	430-5993	—
<b>VOLVO</b>							2004 L4 1.9L Late Model	91	590		—	430-6001	—
<b>850, 940</b>							2004 L4 1.9L w/Prem Audio	94R	700	1	—	430-6005	430-6004
1997-96 L5 2.3L	47	520		—	430-6000	—	2004 L5 2.4L Early Model	48	600		—	430-5993	—
1997-96 L5 2.4L	47	520		—	430-6000	—	2004 L5 2.4L Late Model	91	590		—	430-6001	—
<b>850, 960</b>							2004 L5 2.5L Early Model	48	600		—	430-5993	—
1997-96 L6 2.9L	48	600		—	430-5993	430-6001							

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166 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (167) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (168)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (167) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (168)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2004 L5 2.5L Late Model	91	590		—	430-6001	—	<b>C30</b>						
2003-00 L4 1.9L	48	600		—	430-5993	—	up to #141304						
<b>S60</b>							2000-98 L5 2.4L w/VIN up to #141304	48	600		—	430-5993	—
2016-12 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—	<b>S80, S90</b>						
2016-12 L5 2.5L w/Prem Audio	48	600	1	—	430-5993	—	2017 L4 2.0L	94R	800	1, 80, 139	—	430-6004	—
2016-11 L6 3.0L w/Prem Audio	92	700	1	—	430-6001	—	2016 L4 2.0L Start Stop	94R	800	1, 80,	—	430-6004	—
2016-11 L6 3.0L w/Prem Audio	48	600	1	—	430-5993	—	2015-10 L6 3.0L w/Prem Audio	92	700	1	—	430-6001	—
2016 L4 2.0L Start Stop / Inscript	94R	800	1, 80	—	430-6004	—	2015 L4 2.0L w/Prem Audio	92	700	1	—	430-6001	—
2016 L5 2.5L Inscript	94R	800	1, 80	—	430-6004	—	2015 L4 2.0L w/o Prem Audio	48	600	1	—	430-5993	—
2015 L4 2.0L Start Stop	94R	800	1, 80	—	430-6004	—	2015 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—
2009-03 L5 2.5L	48	600	1, 6, 46	—	430-5993	—	2014-10 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—
2009-03 L5 2.5L Optional	49	800	1, 6, 46	—	307-0751	—	2014-10 L6 3.2L w/Prem Audio	92	700	1	—	430-6001	—
2009-01 L5 2.4L	48	600	1, 6, 46	—	430-5993	—	2014-10 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—
2009-01 L5 2.4L Optional	49	800	1, 6, 46	—	307-0751	—	2010 V8 4.4L Optional	93	800	1	—	430-6003	—
2004-01 L5 2.3L Optional, Turbo	49	800	1, 6, 46	—	307-0751	—	2010 V8 4.4L w/Prem Audio	92	700	1	—	430-6001	—
2004-01 L5 2.3L Turbo	48	600	1, 6, 46	—	430-5993	—	2010 V8 4.4L w/o Prem Audio	48	600	1	—	430-5993	—
<b>S60 Cross Country</b>							2009-08 L6 3.0L w/Prem Audio	92	700	1, 139	—	430-6001	—
2016 L5 2.5L Inscript	94R	800	1, 80	—	430-6004	—	2009-08 L6 3.0L w/o Prem Audio	48	600	1, 139	—	430-6001	—
2016 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—	<b>S70</b>						
2016 L5 2.5L w/Prem Audio	48	600	1	—	430-5993	—	2000-98 L5 2.3L w/VIN	48	600		—	430-5993	—

167 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

Always wear safety glasses & shield eyes when working around batteries. Always check for proper polarity and sufficient terminal clearance before final installation to avoid dangerous sparks, potential explosion, possible severe personal injury and/or expensive electrical system and/or vehicle equipment damage or fire.

168 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (169) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (170)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (167) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (168)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2009-07 L6 3.2L w/Prem Audio	92	700	1, 139	—	430-6001	—	2011-05 L5 2.5L w/Prem Audio	94R	700	1	—	430-6005	430-6004
2009-07 L6 3.2L w/o Prem Audio	48	600	1, 139	—	430-5993	—	2011-05 L5 2.5L w/o Prem Audio	91	590	1	—	430-6001	—
2009-07 V8 4.4L	48	600	1, 139	—	430-5993	—	2010-05 L5 2.4L w/Prem Audio	94R	700	1	—	430-6005	430-6004
2009-07 V8 4.4L Optional	92	700	1, 139	—	430-6001	—	2010-05 L5 2.4L w/o Prem Audio	91	590	1	—	430-6001	—
2009-07 V8 4.4L Optional	93	800	1, 139	—	430-6003	—	<b>V60</b>						
2006-04 L5 2.5L	48	600	1, 6, 46	—	430-5993	—	2016-15 L6 3.0L w/Prem Audio	92	700	1	—	430-6001	—
2006-04 L5 2.5L Optional	49	800	1, 6, 46	—	307-0751	—	2016-15 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—
2005-99 L6 2.9L	48	600	1, 6, 46	—	430-5993	—	2016 L4 2.0L Start Stop or Inscript	94R	800	1, 80	—	430-6004	—
2005-99 L6 2.9L Optional	49	800	1, 6, 46	—	307-0751	—	2015 L4 2.0L	94R	800	1, 80	—	430-6004	—
2001-99 L6 2.8L	48	600	1, 6, 46	—	430-5993	—	2015 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—
2001-99 L6 2.8L Optional	49	800	1, 6, 46	—	307-0751	—	2015 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—
1998-97 L6 2.9L	48	600		—	430-5993	—	<b>V60 Cross Country</b>						
<b>V40, V70, V90</b>							2016-15 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—
2010-08 L6 3.2L w/Prem Audio	92	700	1	—	430-6001	—	2016-15 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—
2010-08 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—	2016 L5 2.5L Inscript	94R	800	1, 80	—	430-6004	—
2007-03 L5 2.5L Optional	49	800	1, 6, 46	—	307-0751	—	<b>XC60</b>						
2007-02 L5 2.4L Optional	49	800	1, 6, 46	—	307-0751	—	2016-15 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—
2007 L5 2.4L Optional	48	600	139	—	430-5993	—	2016-15 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—
2007 L5 2.5L Optional	48	600	139	—	430-5993	—	2016 L5 2.5L Inscript	94R	800	1, 80	—	430-6004	—
2006-03 L5 2.5L Optional	48	600	1, 6, 46	—	430-5993	—	2016-15 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—
2006-98 L5 2.4L Optional	48	600	1, 6, 46	—	430-5993	—	2016-15 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—
2004-02 L5 2.3L Optional	49	800	1, 6, 46	—	307-0751	—	<b>V50</b>						
2004-00 L4 1.9L	48	600		—	430-5993	—							
2004-98 L5 2.3L Optional	48	600	1, 6, 46	—	430-5993	—							
1998-97 L6 2.9L	48	600		—	430-5993	—							

169 IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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170 See page 413 for further description.

# Passenger Cars and Light Trucks Equipment

MAKE (171) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (172)	PREMIUM HIGH OUTPUT	GENERAL DUTY		MAKE (171) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI	CCA @ 0°	Notes (172)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)							(U.S. Only)	
2016-10 L6 3.0L w/Prem Audio	92	700	1	—	430-6001	—	2014-09 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—
2016 L4 2.0L Start Stop	94R	800	1, 80	—	430-6004	—	2014-08 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—
2016 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—	2007-03 L5 2.5L Optional	48	600	1, 6, 46	—	430-5993	—
2015-10 L6 3.2L w/Prem Audio	92	700	1	—	430-6001	—	2007-03 L5 2.5L Optional	48	600	1, 6, 46	—	307-0751	—
2015 L4 2.0L	94R	800	1, 80	—	430-6004	—	<b>XC90</b>						
2015 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—	2016 L4 2.0L Late Model	94R	800	1, 80	—	430-6004	—
2015 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—	2014-12 L6 3.2L	48	600	1, 139	—	430-5993	—
2014-10 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—	2014-12 L6 3.2L Optional	49	760	1, 139	—	307-0751	—
2014-10 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—	2011-07 L6 3.2L Exc Electrical upgrade	48	600	1, 139	—	430-5993	—
<b>XC70</b>							2011-07 L6 3.2L w/Elec- trical upgrade	49	760	1, 139	—	307-0751	—
2016 L4 2.0L Start Stop	94R	800	1, 80	—	430-6004	—	2011-05 V8 4.4L Exc Electrical upgrade	48	600	1, 139	—	430-5993	—
2016 L5 2.5L w/Prem Audio	92	700	1	—	430-6001	—	2006-03 L5 2.5L Exc Electrical upgrade	49	760	1, 139	—	430-5993	—
2016 L5 2.5L w/o Prem Audio	48	600	1	—	430-5993	—	2005-03 L6 2.9L Exc Electrical upgrade	48	600	1, 139	—	430-5993	—
2015-09 L6 3.0L w/Prem Audio	92	700	1	—	430-6001	—							
2015-08 L6 3.2L w/Prem Audio	92	700	1	—	430-6001	—							
2015 L4 2.0L	94R	800	1, 80	—	430-6004	—							
2015 L6 3.0L w/o Prem Audio	48	600	1	—	430-5993	—							
2015 L6 3.2L w/o Prem Audio	48	600	1	—	430-5993	—							

171 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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172 See page 413 for further description.

# Passenger Cars and Light Trucks

MAKE (173) EQUIPMENT TYPE YEAR / MODEL	O.E. BCI NO.	CCA @ 0°	Notes (174)	PREMIUM HIGH OUTPUT	GENERAL DUTY	
					(U.S. Only)	
2005-03 L6 2.9L w/Elec- trical upgrade	49	760	1, 139	—	307-0751	—
<b>WORKHORSE</b>						
<b>FasTrack FT1061</b>						
2005-04 V8 4.8L	78	690		—	369-9957	7X-6100
2004-02 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1260</b>						
2001-00 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1261</b>						
2005-04 L4 3.9L	78	690		—	369-9957	7X-6100
2005-02 V8 5.7L	78	690		—	369-9957	7X-6100
2005 V8 4.8L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1460</b>						
2002-00 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1461</b>						
2005-04 L4 3.9L	78	690		—	369-9957	7X-6100
2005-04 V8 4.8L	78	690		—	369-9957	7X-6100
2005-04 V8 6.0L	78	690		—	369-9957	7X-6100
2005-02 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1600</b>						
2001-00 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1601</b>						
2005-04 L4 3.9L	78	690		—	369-9957	7X-6100
2005-04 V8 4.8L	78	690		—	369-9957	7X-6100
2005-02 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1800</b>						
2001-00 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1801</b>						
2005-04 V8 6.0L	78	690		—	369-9957	7X-6100
2005-02 V8 6.5L	78	600	15	—	369-9957	7X-6100
2004-02 V8 5.7L	78	690		—	369-9957	7X-6100
<b>FasTrack FT1802</b>						
2003-02 V8 5.7L	78	690		—	369-9957	7X-6100
2003-02 V8 6.5L	78	600	15	—	369-9957	7X-6100
<b>FasTrack FT1931</b>						
2003-02 V6 4.3L	78	690		—	369-9957	7X-6100
<b>P30</b>						
2005-00 V8 5.7L	78	690		—	369-9957	7X-6100

173 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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174 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL(1)	Notes (2)	Replacement	
		Option 1	Option 2
<b>AGCO ALLIS</b>			
<b>Front Cut Mowers</b>			
1316H U1 340		—	—
Garden Tractors			
1723H, 1723PS U1 340		—	—
2027H, 2027LC 51 500		—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>			
1614H, 1614HV, 1615H U1 340		—	—
1615G, 1716G, 409G U1 200		8C-3636	—
1615HC, 1616H, 1617H U1 340		—	—
1618H, 1620HV, 1716H U1 340		—	—
1640 U2 235		—	—
1717H, 1718H, 1720H U1 340		—	—
1723H, 1723PS U1 340		—	—
1820H, 1820H PS 51 500		—	—
1823H PS, 2020H 51 500		—	—
1918H 22F 390		3T-5859	369-9958
1920H, 918H, 918PS 26R 390		369-9958	250-0489(32)
2020LC, 2023H, 2024H 51 500		—	—
2025H, 2027H, 2027LC 51 500		—	—
411G, 412G, 412H U1 200		8C-3636	—
413H, 414G, 414H U1 200		8C-3636	—
416H, 5020H, 5022H U1 200		8C-3636	—
5024H, 512G, 512H U1 200		8C-3636	—
514G, 514H, 515G U1 200		8C-3636	—
515H, 516G, 516H U1 200		8C-3636	—
516VH, 517H, 520H U1 200		8C-3636	—
522H, 524H U1 200		8C-3636	—
<b>Lawn Tractors</b>			
1620HV U1 340		—	—
520H, 522H, 524H U1 200		8C-3636	—
<b>Zero-Turn Mowers</b>			
ZT1438, ZT1644 U1 340		—	—
ZT14H, ZT1638, ZT16H U1 235		8C-3636	—
ZT1850 U1 340		—	—
ZT18H U1 235		8C-3636	—
<b>AIR ELECTRIC MACHINE CO.</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
380, DS-25, DS-30 U1 235		8C-3636	—
<b>ALLIS-CHALMERS MFG. CO.</b>			
See Deutz			

MAKE/EQUIPMENT TYPE/ MODEL(1)	Notes (2)	Replacement	
		Option 1	Option 2
<b>Lawn &amp; Garden Equipment</b>			
405, 508	—	—	—
<b>AMF Laren Garden Div.</b>			
See Dynamark			
<b>ARIENS COMPANY</b>			
See also Gravely			
<b>Commercial Riding Mowers</b>			
8028, 8530	—	—	—
912000 Series	—	—	—
914000 Series U1 235		8C-3636	—
925000 Series	—	—	—
927000 Series	—	—	—
Comm-Rider 18 U1R 260		—	—
Mini Zoom 1534 U1 235		8C-3636	—
Mini Zoom 1540 U1 235		8C-3636	—
Pro Master 400 Series 24F 650		3T-5858	250-0487
Pro Master 60 70 440		7X-6100(32)	—
Pro Master ATM 72 26R 540 390		369-9958	250-0489(32)
<b>Commercial</b>			
10, 12, 12G, 20G 26R 540		369-9958	250-0489(32)
5260, 5645, 812 26R 540		369-9958	250-0489(32)
816S, 818 26R 540		369-9958	250-0489(32)
Convertible Super 26R 540		369-9958	250-0489(32)
<b>Professional</b>			
10, 10QS, 12, 12G 26R 540		369-9958	250-0489(32)
12QS, 16, 16G, 18G 26R 540		369-9958	250-0489(32)
20G, 24G, 8 26R 540		369-9958	250-0489(32)
Pro Master 300 Series U1 235		8C-3636	—
Pro Master 30H 26R 540		369-9958	250-0489(32)
<b>EZ Rider</b>			
EZR 1440, EZR 1540 U1 235		8C-3636	—
EZR 1542, EZR 1640 U1 235		8C-3636	—
EZR 1648, EZR 1742 U1 235		8C-3636	—
EZR 1842, EZR 2048 U1 235		8C-3636	—
EZR 2050 U1 235		8C-3636	—
<b>Imperial Models</b>			
12972, 12982, 12984 U1 195		8C-3636	—
13948, 13967, 13990 U1 195		8C-3636	—
RM828E	—	—	—
<b>Rear Engine Riding Mowers</b>			
8028, 8530	—	—	—
RM1328E, RM1330	—	—	—
RM1332E, RM8028	—	—	—
RM8530	—	—	—

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2 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(3)</sup>	Notes (4)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(1)</sup>	Notes (2)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Front Cut Mowers</b>							
1028, 10528 Hydro	U1 260	—	—	1440H, 1450H, 1540H	U1 260	—	—
10528 Hydro	U1 235	8C-3636	—	1548H, 1648H	U1 235	8C-3636	—
1232 Hydro	U1 235	8C-3636	—	1640H, 1848H	U1 260	—	—
1232 Hydro/ST1336	U1 235	8C-3636	—	<b>Snowblower</b>			
12900 Series, 1540	U1 235	8C-3636	—	Sno-Thro ST-1336	U1 260	—	—
1330, 1332, 1340	U1 260	—	—	Zoom 2050, Zoom 2250	U1 260	—	—
14532 Hydro, 2548	U1 260	—	—	<b>Tillers</b>			
1542, 1640, 1742	U1 235	8C-3636	—	91400 Electric-start	— —	—	—
2048, 2200, 2248	U1 235	8C-3636	—	<b>Zero-Turn Mowers</b>			
901000 Series	— —	—	—	1232, 1840, 1944	U1 235	8C-3636	—
929000 Series	U1R 260	—	—	2044, 2044XL, 2148	U1 235	8C-3636	—
931000 Series	U1R 260	—	—	2252 XL, Z2252	U1 260	—	—
934000 Series	U1R 260	—	—	2348, 2348XL, 2352	U1 235	8C-3636	—
935000 Series	U1R 260	—	—	2552	U1 235	8C-3636	—
936000 Series, GT17	U1R 260	—	—	Sport Zoom 1232	U1 235	8C-3636	—
GT-736E, GT-836	U1 235	8C-3636	—	Sport Zoom 1440	U1 235	8C-3636	—
GT18, GT20, HT16	U1R 260	—	—	Zoom 1440, Zoom 1540	U1 260	—	—
HT18, YT12/32	U1R 260	—	—	Zoom 1534	U1 235	8C-3636	—
RER 1028 Hydro	U1 235	8C-3636	—	Zoom 1640, Zoom 1844	U1 260	—	—
RER 1232 Hydro	U1 235	8C-3636	—	Zoom 2048	U1 260	—	—
RER 1440 Hydro	U1 235	8C-3636	—	Zoom 2252XL	U1 235	8C-3636	—
YT10, YT11	U1 260	—	—	Zoom Z2252	U1 235	8C-3636	—
YT12/38, YT14/38	U1R 260	—	—	<b>ATLAS TOOL &amp; MFG. CO.</b>			
Zoom 1634, Zoom 1840	U1 235	8C-3636	—	<b>Lawn &amp; Garden Equipment</b>			
Zoom 2350	U1 235	8C-3636	—	ER2600, ER2650	— —	—	—
<b>Rear Engine</b>							
1440 Hydro	U1 235	8C-3636	—	ER2680, ER3280	— —	—	—
<b>Other</b>							
IHDE-130, IHSE-126	U1 235	8C-3636	—	ER3000, ER7130	U1 195	8C-3636	—
IHSE-408, RHE-126	U1 235	8C-3636	—	ET2650	U1 195	8C-3636	—
RTH-132	U1 340	—	—	<b>BAD BOY</b>			
<b>Sierra Models</b>							
Grand Sierra 2200 (GS22H)	U1R 235	—	—	5200 Series	U1 300	—	—
Grand Sierra 2200 (GS22H)	U1R 300	—	—	6000 Series	U1 300	—	—
High Sierra 1640H	U1 235	8C-3636	—	720S Series	U1 300	—	—
High Sierra 1848	U1 235	8C-3636	—	Junior 60, Senior 72	U1 300	—	—
High Sierra 1848H	U1 235	8C-3636	—	<b>K27 Pro Series</b>			
High Sierra 1848H	U1 260	—	—	52in., 60in. & 72in.	U1 300	—	—
<b>Rear Engine</b>							
1340G, 1340H, 1440G	U1 260	—	—	<b>K29 Pro Series</b>			
				w.Fl 60in. & 72in.			
				<b>BEAR CAT</b>			
				<b>Chippers/Shredders</b>			
				70050, 70080, 70085	U1 250	8C-3636	—
				70150, 70180, 70380	U1 250	8C-3636	—
				70385, 70530, 70554	U1 250	8C-3636	—

<sup>3</sup> IMPORTANT NOTE: BATTERIES CAN EXPLODE.

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<sup>4</sup> See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(5)</sup>	Notes (6)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(5)</sup>	Notes (6)	Replacement	
		Option 1	Option 2			Option 1	Option 2
70580, 71014, 71020	U1 250		8C-3636	—			
71620, 71825, 72620	U1 250		8C-3636	—			
71620, 72620	U1 450		—	—			
71854, 74628	U1 340		—	—			
72825, 72928, 73120	U1 250		8C-3636	—			
73125, 73413, 73420	U1 250		8C-3636	—			
73525, 74520, 74554	U1 250		8C-3636	—			
74624, 74628, 74800	U1 250		8C-3636	—			
74821, 74824, 74950	U1 250		8C-3636	—			
75124, 75524, 77412	U1 250		8C-3636	—			
77413, LL145	U1 250		8C-3636	—			
<b>Commercial Chippers</b>							
71020, 71020, 71020	U1 250		8C-3636	—			
71020, 71620, 71620	U1 250		8C-3636	—			
71620, 71620, 72620	U1 250		8C-3636	—			
72620, 72620, 72620	U1 250		8C-3636	—			
72928, 72928, 72928	U1 250		8C-3636	—			
72928, 73413, 73413	U1 250		8C-3636	—			
73413, 73413, 73420	U1 250		8C-3636	—			
73420, 73420, 73420	U1 250		8C-3636	—			
74624, 74624, 74624	U1 250		8C-3636	—			
74624, 74628, 74628	U1 250		8C-3636	—			
74628, 74628, 74824	U1 250		8C-3636	—			
74824, 74824, 74824	U1 250		8C-3636	—			
75524, 75524, 75524	U1 250		8C-3636	—			
75524, 77412, 77412	U1 250		8C-3636	—			
77412, 77412	U1 250		8C-3636	—			
<b>Shredders</b>							
70050, 70080, 70085	U1 250		8C-3636	—			
70180, 70380, 70385	U1 250		8C-3636	—			
70530, 70580	U1 250		8C-3636	—			
<b>BIG DOG</b>							
<b>Commercial Walk-Behind Mowers</b>							
T Series, T Series	U1R 225		—	—			
T Series, T Series	U1R 225		—	—			
<b>Zero-Turn Mowers</b>							
A Series, A Series	U1R 225		—	—			
A Series, A Series	U1R 225		—	—			
C Series, R Diablo	U1R 225		—	—			
R Powerbar, R Series	U1R 225		—	—			
X Diablo	45 480		—	—			
X Series	U1R 225		—	—			
<b>BOB-CAT</b>							
Fastcat Pro 942406H	U1 250		—	—			
Fastcat Pro 942407H	U1 250		—	—			
<b>BOBCAT (BY TEXTRON)</b>							
<b>Walk-Behind Mowers</b>							
BZT1250, BZT2000	U1 250		8C-3636	—			
BZT2250	U1 250		8C-3636	—			
BZT3310	26 440		8C-3600	250-0489(32)			
Electric Start	U1 250		8C-3636	—			
<b>Zero-Turn Mowers</b>							
218ES, 220ES	U1 250		8C-3636	—			
331	U1 260		—	—			
Fastcat	U1 250		8C-3636	—			
Fastcat Pro 942406H	U1 250		8C-3636	—			
Fastcat Pro 942407H	U1 250		8C-3636	—			
LEO (17, 18, 25Hp)	U1 250		8C-3636	—			
ZT-125, ZT-218 ES	U1 250		8C-3636	—			
ZT-219, ZT-223	U1 250	17	8C-3636	—			
ZT-220D- Diesel	26 440		8C-3600	250-0489(32)			
ZT-225	U1 250	17	8C-3636	—			
ZT-226, ZT-227	U1 250		8C-3636	—			
ZT-228EFI, ZT-331	U1 250		8C-3636	—			
<b>BOLENS</b>							
<b>(FMC Corporation)</b>							
<b>Lawn &amp; Garden Tractors/Mowers</b>							
2028, 2030, 2036	U1 280		—	—			
770, 829	— —		—	—			
<b>Diesel Models</b>							
All others	45 470			—			
G2702, G2704- Diesel	24 550		153-5656	3T-5857			
<b>Gas Models</b>							
1000 Series	22F 425		3T-5859	369-9958			
1000 Series	U1 300		—	—			
13000 Series	26R 540		369-9958	250-0489(32)			
13000 Series	U1 300		—	—			
1400 Series	22F 425		3T-5859	369-9958			
1400 Series	U1 300		—	—			
1600 Series	26R 235		369-9958	250-0489(32)			
1600 Series	U1 280		—	—			
2000 Hydro Series	26R 540		369-9958	250-0489(32)			
2000 Series Exc Hydro	U1 300		—	—			
3000 Series	22F 425		3T-5859	369-9958			
3000 Series	26R 235		369-9958	250-0489(32)			
5100 Series	26R 235		369-9958	250-0489(32)			

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6 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(7)</sup>	Notes (8)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(7)</sup>	Notes (8)	Replacement	
		Option 1	Option 2			Option 1	Option 2
5100 Series 26R 540		369-9958	250-0489{32}	BHT/BHC 61in. U1 260		—	—
5100 Series, G10, G8 U1 300		—	—	<b>Zero-Turn Riding Mowers</b>			
HT23 26R 450		369-9958	250-0489{32}	BBMH/BBM 50C U1 260		—	—
Husky 1050 U1 280		—	—	BBMH/BBM 60C U1 260		—	—
Husky 2027 U1 280		—	—	BZT 31 55 475		8C-3611	—
Husky 2028 U1 280		—	—	BZT-1250, BZT-2000 U1 300		—	—
Husky 2030 U1 280		—	—	BZT-2190, BZT-2230 U1 260		—	—
Husky 2036 U1 280		—	—	BZT-2200- Diesel 26 440		8C-3600	250-0489{32}
Husky 2133 U1 280		—	—	BZT-2200- Gas U1 260		—	—
Husky 728, Husky 770 — —		—	—	BZT-2230 LC U1 260		—	—
Husky 829 — —		—	—	BZT-2250 U1 300		—	—
Husky 850, STG125 U1 280		—	—	BZT-2260EFI U1 300		—	—
Husky Hydro Series 26R 235		369-9958	250-0489{32}	BZT-3310 26 440		8C-3600	250-0489{32}
STH125 U1 280		—	—	BZT/BZTC 48 U1 260		—	—
<b>BRANSON TRACTORS</b>				BZT/BZTC 52 U1 260		—	—
2810, 3510, 3520 29H 750		430-5996	—	BZT/BZTC 61 U1 260		—	—
4020, 4520 29H 750		430-5996	—	BZT/BZTC 72 U1 260		—	—
<b>BUNTON COMPANY</b>				BZT2180 ES U1 260		—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				Twister Rider 31 HP 26R 540 260		369-9958	250-0489{32}
32-10BBS, 36-10BBS U1 260		—	—	<b>BUSH HOG</b>			
36H-10BBS, 52-10BBS U1 260		—	—	<b>Mid Mount/Zero Turn Radius</b>			
52H-10BBS, B-52 U1 260		—	—	M2254, M2260, M2360 U1R 260		—	—
All Exc Lawn Lark 32 & 36- Diesel U1 190		8C-3636	—	M2554, M2560 U1R 260		—	—
B-61R, B-61T, BG-61 U1 260		—	—	<b>Zero Turn Mowers</b>			
BRC-61, Estate Pro U1 260		—	—	22, 22W, 25, CZ2149 U1R 260		—	—
Lawn Lark 32in. & 36in. U1R 195		—	—	CZ2349, CZ2355 U1R 260		—	—
<b>Riding Rotary Mowers</b>				CZ2555, CZ2561 U1R 260		—	—
61, 71, BHR/BHRC 52 U1 300		—	—	CZ2561K, ES1744 U1R 260		—	—
<b>Walk-Behind Mowers</b>				ES1844, ES1852 U1R 260		—	—
36in., 48in., 54in. U1 260		—	—	ES2044, ES2052 U1R 260		—	—
61in. U1 260		—	—	ES2344, ES2352 U1R 260		—	—
All (14, 15, 17, 20, 21 Hp) U1 260		—	—	M2255, M2261, M2355 U1R 260		—	—
B27LB, B28LB, B32L U1 300		—	—	M2355A, M2361, M2555 U1R 260		—	—
B36, B48, B52 U1 300		—	—	M2555K, M2561 U1R 260		—	—
BBK 36, BBK 48 U1 300		—	—	M2561K, M2661, M2672 U1R 260		—	—
BHT/BHC 36in. U1 260		—	—	M2673, M2761, PZ2555 U1R 260		—	—
BHT/BHC 48in. U1 260		—	—	PZ2561, PZ2755 U1R 260		—	—
BHT/BHC 52in. U1 260		—	—	PZ2861, PZ2873 U1R 260		—	—
				PZ3061, PZ3073 U1R 260		—	—
				PZ3061, PZ3073 U1R 260		—	—

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<sup>8</sup> See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(9)</sup>	Notes (10)	Replacement	
		Option 1	Option 2
ZT-180, ZT-220 U1R 260		—	—
ZT-220-W, ZT-250 U1R 260		—	—
ZT18, ZT22, ZT22-W U1R 260 450		—	—
<b>CARTER BROTHERS CO.</b>			
EZ-502, EZ-502C — —		—	—
EZ-702, EZ-702C — —		—	—
<b>CASE INTERNATIONAL</b>			
<b>Formerly J.I. Case Company</b>			
Compact Tractors			
107, 108, 108XC, 110 U1 195		8C-3636	—
110XC, 116XC, 117 U1 195		8C-3636	—
118, 210, 220, 222 U1 195		8C-3636	—
224, 226, 442, 444 U1 195		8C-3636	—
446, 448, 644, 646 U1 195		8C-3636	—
648, 80, 80XC U1 195		8C-3636	—
M-80 — —		—	—
<b>CASETEC</b>			
<b>Commercial Riding Mowers</b>			
326D & 424D 26 450		8C-3600	250-0489(32)
<b>CLIPPER</b>			
<b>Commercial Front Cut</b>			
4820, 6020, 6023D U1 340		—	—
6024G, 7223D, 7223G U1 340		—	—
7224G U1 340		—	—
<b>COLUMBIA</b>			
<b>(MTD, Inc.)</b>			
387, 397, 455, 485 U1 260		—	—
495, 497, 525, 667 U1 260		—	—
760 U1 260		—	—
960, 990 22NF 340		—	—
<b>COMMERCIAL CLIPPER</b>			
1810, 2010 U1 195		8C-3636	—
<b>COUNTRY CLIPPER</b>			
All Residential Models U1 340			
<b>Zero-Turn Mowers</b>			
2304KA, 2304M U1 340		—	—
2304MT, 2504M U1 340		—	—
2504MT, Charger U1 340		—	—
Charger, Clipper U1 350		—	—
JAZ EE Pro U1 300		—	—
JAZ EE Pro Series U1 350		—	—
JAZ EE Two U1 300		—	—
JAZ EE, JAZ EE One U1 300		—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(9)</sup>	Notes (10)	Replacement	
		Option 1	Option 2
Jazee Pro Series U1 350		—	—
Snapper, The Boss U1 350		—	—
The Boss U1 340		—	—
Trek, Wrangler U1 350		—	—
Wrangler U1 350		—	—
Wrangler, Wrangler U1 350		—	—
<b>Zetron Boss Series</b>			
2707 KOJ, 2707 KOT U1 260		—	—
<b>Zetro Brats (Sit Down-Front Mower)</b>			
1706 KAJ, 1706 KAT U1 260		—	—
1906 KAJ, 1906 KAT U1 260		—	—
<b>Zetron Series</b>			
1800F, 2200F, 2203F U1 340		—	—
2203M, 2204M, 2500F U1 340		—	—
2503F, 2503M, 2504M U1 340		—	—
2505KAJ, 2505KAT U1 260		—	—
2505KOJ, 2505KOT U1 260		—	—
2506KOJ, 2605KOT U1 260		—	—
2605KOJ U1 350		—	—
<b>CRAFTSMAN</b>			
<b>See SEARS Craftsman</b>			
<b>CUB CADET</b>			
<b>Garden Tractors</b>			
GT1554, GT2542 U1 245		8C-3636	—
GT2544, GT2550 U1 245		8C-3636	—
GT2554 U1 245		8C-3636	—
GT3100, GT3200 51 435		—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>			
1027, 1170, 1180 U1 235		8C-3636	—
1045, 1046, 1554 U1 245		8C-3636	—
108, 109, 128, 129 U1 340		—	—
1106, 1108, 1136 — —		—	—
111, 76, 80, 81, 85 U2 160		8C-3636	—
1212, 1250, 1450 U1 235		8C-3636	—
1440, 1641, 1782 22F 425		3T-5859	369-9958
149, 169, 482, 502 U1 340		—	—
1512- w/serial # 724,525 to 799,999 U1 235		8C-3636	—
1512- w/serial # 800,00 and up 22F 500		369-9958	250-0489
1515, 1517, 1650 U1 235		8C-3636	—
1572- w/serial # 724,525 to 799,999 U1 235		8C-3636	—

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10 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(11)</sup>	Notes (12)	Replacement	
		Option 1	Option 2
1572- w/serial # 800,00 and up	22F 500	369-9958	250-0489
1772- w/serial # 724,525 to 799,999	U1 235	8C-3636	—
1772- w/serial # 800,00 and up	22F 500	369-9958	250-0489
182- w/serial # 100,000 and up	U1 235	8C-3636	—
182- w/serial # 70,001 to 100,000	— —	369-9958	250-0489
182- w/serial # 00,0001 to 70,000	U1 195	8C-3636	—
182- w/serial # 00,0001 to 70,000	U2 160	8C-3636	—
1863, 1864, 2182	22F 425	3T-5859	369-9958
2146, 2166, 2176	U1 235	8C-3636	—
2186, 2206, 2518	U1 235	8C-3636	—
2284	22F 425	3T-5859	369-9958
2523, 364, 365, 365L	U1 235	8C-3636	—
282- w/serial # 100,000 and up	U1 235	8C-3636	—
282- w/serial # 70,001 to 100,000	— —	—	—
282- w/serial # 00,0001 to 70,000	U1 195	8C-3636	—
282- w/serial # 00,0001 to 70,000	U2 160	8C-3636	—
3184, 3206, 3208	51 450	—	—
3235, 3240, 4204	51 450	—	—
3648, All, GT 2523	U1 260	—	—
382- w/serial # 100,000 and up	U1 235	8C-3636	—
382- w/serial # 70,001 to 100,000	— —	—	—
382- w/serial # 00,0001 to 70,000	U1 195	8C-3636	—
382- w/serial # 00,0001 to 70,000	U2 160	8C-3636	—
382H- w/serial # 100,000 and up	U1 235	8C-3636	—
382H- w/serial # 70,001 to 100,000	— —	—	—
382H- w/serial # 00,0001 to 70,000	U1 195	8C-3636	—
445	U1 355	—	—
482, 502, 602, 702	U1 235	8C-3636	—
514, 518	U1 340	—	—
5234 D, 5234D, 5252	26R 500	369-9958	250-0489{32}
5254, 5521, 610	26R 500	369-9958	250-0489{32}
541, 800, 804, 830	— —	—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(11)</sup>	Notes (12)	Replacement	
		Option 1	Option 2
55, 60, 75, 80, 81	U1 195	8C-3636	—
583- w/serial # 100,000 and up	U1 235	8C-3636	—
583- w/serial # 70,001 to 100,000	— —	—	—
7000, 7192, 7194	26R 500	369-9958	250-0489{32}
7195, 7200, 7205	26R 500	369-9958	250-0489{32}
7232, 7234, 7235	26R 500	369-9958	250-0489{32}
7252, 7254, 7260	26R 500	369-9958	250-0489{32}
7264, 7265, 7273	26R 500	369-9958	250-0489{32}
7300, 7305, 7360 SS	26R 500	369-9958	250-0489{32}
7525, 7800, 8354 SS	26R 500	369-9958	250-0489{32}
799, 982, 999	U1 235	8C-3636	—
8354SS	26R 500	369-9958	250-0489{32}
85, 85 Special, 86	U1 195	8C-3636	—
87	U1 195	8C-3636	—
882- w/serial # 724,525 to 799,999	U1 235	8C-3636	—
882- w/serial # 800,00 and up	22F 500	369-9958	250-0489
AGS 2130, AGS 2150	U1 275	—	—
AGS 2160	U1 275	—	—
All other Diesel Models	22F 500	369-9958	250-0489
GT 3235	51 450	—	—
GT1554, GT2542	U1 245	8C-3636	—
GT2544, GT2550	U1 245	8C-3636	—
GT2554, LT1040	U1 245	8C-3636	—
GT3100, GT3200	51 435	—	—
HDS 2135, HDS 2155	U1 275	—	—
HDS 2165, HDS 2185	U1 275	—	—
LT 1024, LT 2180	U1 260	—	—
LT1042, LT1045	U1 245	8C-3636	—
LT1046, LT1050	U1 245	8C-3636	—
SLT1550, SLT1554	U1 245	8C-3636	—
Time Saver 17 HP - 25 HP	U1 300	—	—
<b>Lawn Tractors</b>			
LT1040, LT1042	U1 245	8C-3636	—
LT1045, LT1046	U1 245	8C-3636	—
LT1050, SLT1550	U1 245	8C-3636	—
SLT1554	U1 245	8C-3636	—
<b>Z-Series</b>			

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12 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(13)</sup>	Notes (14)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(13)</sup>	Notes (14)	Replacement	
		Option 1	Option 2			Option 1	Option 2
Z248L35, Z42, Z48	U1 300	—	—	Z-Force S 48 Commer	U1 245	8C-3636	—
Z54, Z54L35	U1 300	—	—	Z-Force S 60 Commer	U1 245	8C-3636	—
<b>Zero-Turn Mowers</b>				<b>CUSHMAN</b>			
3654, 3660	51 450	—	—	<b>Utility Vehicles</b>			
48, 54, Enforcer 44	U1 245	8C-3636	—	Front Line	24 550	153-5656	3T-5857
Enforcer 48	U1 245	8C-3636	—	TurfTruckster	24 550	153-5656	3T-5857
Enforcer 54, M48	U1 245	8C-3636	—	<b>DEUTZ</b>			
M48Tank	U1 245	8C-3636	—	<b>(Allis-Chalmers Mfg. Company)</b>			
M48-KW Tank, M50	U1 245	8C-3636	—	1036, 1814, 1816	U1 195	8C-3636	—
M50 Tank	U1 245	8C-3636	—	1817, 608LTD	U1 195	8C-3636	—
M50-KHSTank, M54	U1 245	8C-3636	—	1914, 1916, 1918	22F 425	3T-5859	369-9958
M54-KW Tank	U1 245	8C-3636	—	1918	22NF 340	—	—
M54 Tank, M54-KH	U1 245	8C-3636	—	1918 Exc 1989 model	22NF 340	—	—
M60, M60 Tank	U1 245	8C-3636	—	1920	22F 425	3T-5859	369-9958
M72 Tank, RZT S 42	U1 245	8C-3636	—	1920	22NF 340	—	—
RZT S 42, RZT S 42	U1 245	8C-3636	—	1920 Exc 1989 model	22NF 340	—	—
RZT S 42, RZT S 46	U1 245	8C-3636	—	200 Series	26R 540	369-9958	250-0489(32)
RZT S 50, RZT-42	U1 245	8C-3636	—	405, 508	— —	—	—
RZT-50 KH, RZT-50 KW	U1 245	8C-3636	—	5220, 5230- Diesel	27 655	153-5656	8C-3601
RZT-54 KH, RZT-54 KW	U1 245	8C-3636	—	600 Series, 608	U1 260	—	—
Tank L48, Tank L60	U1 245	8C-3636	—	610, 710, 712H, 712S	22NF 340	—	—
Tank LZ 48	U1 245	8C-3636	—	611 Special, 611H	U1 195	8C-3636	—
Tank LZ 54	U1 245	8C-3636	—	611LTD, 612, 612LTD	U1 195	8C-3636	—
Tank LZ 60 KH	U1 245	8C-3636	—	613, 616 Special	U1 195	8C-3636	—
Tank LZ 60 KW	U1 245	8C-3636	—	616H, 830 Sprint	U1 195	8C-3636	—
Tank M54-KH	U1 245	8C-3636	—	700 Series Exc 720 model	26R 540	369-9958	250-0489(32)
Tank M60-KH	U1 245	8C-3636	—	716H, 912H, 914H	22NF 340	—	—
Tank M60-KW	U1 245	8C-3636	—	720	70 525	7X-6100(32)	250-0489(32)
Tank M72-KW	U1 245	8C-3636	—	800 Series	26R 540	369-9958	250-0489(32)
Tank S 6031 LP	U1 245	8C-3636	—	900 series	26R 540	369-9958	250-0489(32)
Tank S 6032 D	U1 245	8C-3636	—	916H, 917H, 919H	22NF 340	—	—
Tank S 7237 LP	U1 245	8C-3636	—	920D, B-207, B-208	22NF 340	—	—
Tank SZ 48	U1 245	8C-3636	—	B-210, B-212, HB-212	22NF 340	—	—
Tank SZ 60	U1 245	8C-3636	—	T811, T816	U1 195	8C-3636	—
Z Force 48	U1 245	8C-3636	—	<b>DEVERE-LOCKE</b>			
Z Force 54	U1 245	8C-3636	—	25, 31-V, 31-VR	U1R 165	—	—
Z Force S 46	U1 245	8C-3636	—	EP	22NF 165	—	—
Z Force S 48	U1 245	8C-3636	—	TR-12 1/2, TR-9	U1R 165	—	—
Z Force S 48 LP	U1 245	8C-3636	—	TR60	U1R 165	—	—
Z Force S 52	U1 245	8C-3636	—	<b>DIXIE CHOPPER</b>			
Z Force S 54	U1 245	8C-3636	—				
Z Force S 60	U1 245	8C-3636	—				
Z Force S 60 LP	U1 245	8C-3636	—				

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14 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(15)</sup>	Notes (16)	Replacement	
		Option 1	Option 2
<b>Sit Down, Mid-Mount Mowers</b>			
LX 2201, XF 2500	U1 300	—	—
XF 2600, XW 2400	U1 300	—	—
XFD-2600-60	51 450	—	—
XW 2500, XWK 2501	U1 300	—	—
XWD-2600-60	51 450	—	—
XWK 2503, XXW 2500	U1 300	—	—
XXXWD 5000	51 450	—	—
<b>Zero-Turn Mowers</b>			
2703, 5018, 5020	U1 300	—	—
5018, 5020, 5024	U1 165	8C-3636	—
5024, 6024	U1 300	—	—
6024	U1 165	8C-3636	—
Classic 2750	U1 300	—	—
Classic 2760	U1 300	—	—
Classic 2960 EFI	U1 300	—	—
LP3000, LT2000	U1 300	—	—
LT2200, LT2500	U1 300	—	—
LT2700, Magnum 2244	U1 300	—	—
Magnum 2250	U1 300	—	—
Magnum 2350 EFI	U1 300	—	—
Magnum 2460, RB2700	U1 300	—	—
SP2800, SP3200	U1 300	—	—
Silver Eagle 2550	U1 300	—	—
Silver Eagle 2734	U1 300	—	—
Silver Eagle 2744	U1 300	—	—
Silver Eagle 2750	U1 300	—	—
Silver Eagle 2760	U1 300	—	—
Silver Eagle 2760KW	U1 300	—	—
Silver Eagle 2960 E	U1 300	—	—
Silver Eagle 2960 EFI	U1 300	—	—
X 2001, X 2503	U1 300	—	—
X 2703, XF 2700	U1 300	—	—
XFG2700, XG 2503	U1 300	—	—
XG 2703, XK 2503	U1 300	—	—
XT 3200, XT 3300	U1 300	—	—
XWD 3500, XWF 2700	U1 300	—	—
XXG 2703, XXG 5400	U1 300	—	—
XXW 4600, XXWD 3500	U1 300	—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(13)</sup>	Notes (14)	Replacement	
		Option 1	Option 2
XXWD 5000	U1 300	—	—
<b>DIXON</b>			
Ram 48 ZT	U1 250	8C-3636	—
Speed ZTR 30	U1 250	8C-3636	—
Speed ZTR 42	U1 250	8C-3636	—
Speed ZTR 46	U1 250	8C-3636	—
Speed ZTR 48	U1 250	8C-3636	—
Speed ZTR 54	U1 250	8C-3636	—
Ultra 52, Ultra 61	U1 250	8C-3636	—
<b>DIXON INDUSTRIES</b>			
<b>Economy Tractor</b>			
PK1212	U1 250	8C-3636	—
<b>Lawn &amp; Garden Tractors/Mowers</b>			
308, 311, 424, 427	U1R 250	—	—
308, 424	U1 250	8C-3636	—
425, 426	U1 250	17 8C-3636	—
4500 Series	U1 250	8C-3636	—
<b>Lawn &amp; Garden Tractors/Mowers</b>			
308, 311, 424, 427	U1R 250	—	—
308, 424	U1 250	8C-3636	—
425, 426	U1 250	17 8C-3636	—
4500 Series	U1 250	8C-3636	—
<b>Speed ZTR Line</b>			
30, 36, 42, HL 30	U1 250	8C-3636	—
HL 36	U1 250	8C-3636	—
<b>Zeeter</b>			
All	U1 250	8C-3636	—
<b>Zero-Turn Riding Mowers</b>			
Black Bear 34	U1 250	8C-3636	—
Black Bear 44	U1 250	8C-3636	—
Grizzly ZTR 30	U1 250	8C-3636	—
Grizzly ZTR 52	U1 250	8C-3636	—
Grizzly ZTR 60	U1 250	8C-3636	—
Grizzly ZTR 72	U1 250	8C-3636	—
Kodiak ZTR 50	U1 250	8C-3636	—
Mountain Kodak ZTR 50	U1 250	8C-3636	—
Mountain Kodak ZTR 60	U1 250	8C-3636	—
TR60	U1R 165	—	—
T811, T816	U1 195	8C-3636	—
Ram 42, Ram 44	U1 250	8C-3636	—
Ram 48 ZT, Ram 50	U1 250	8C-3636	—
Silvertip ZTR 60	U1 250	8C-3636	—
Silvertip ZTR 72	U1 250	8C-3636	—
Speed ZTR 30	U1 250	8C-3636	—
Speed ZTR 38	U1 250	8C-3636	—
Speed ZTR 42	U1 250	8C-3636	—
Speed ZTR 44	U1 250	8C-3636	—
Speed ZTR 46	U1 250	8C-3636	—
Speed ZTR 48	U1 250	8C-3636	—
Speed ZTR 54	U1 250	8C-3636	—
Ultra 52, Ultra 61	U1 250	8C-3636	—

15 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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16 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(17)</sup>	Notes (18)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(13)</sup>	Notes (14)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Sit Down, Mid-Mount Mowers</b>							
ZTR1001, ZTR1950	U1R 250		—	A4618	U1 230	8C-3636	—
ZTR2300, ZTR2301	U1R 250		—	<b>DOVE MOWER</b>			
ZTR2560, ZTR3014	U1R 250		—	K-20W, KC-18K	U1 250	—	—
ZTR2700	70 250		7X-6100{32}	KC-18KC, KC-21KG	U1 250	—	—
ZTR304, ZTR312	U1R 250		—	KC-23KD	U1 250	—	—
ZTR3303, ZTR3304	U1R 250		—	<b>DYNA MOWER</b>			
ZTR3362, ZTR361	U1R 250		—	A 52, A 62, B 72			
ZTR428, ZTR429	U1R 250		—	<b>E.T. RUGG CO.</b>			
ZTR4421, ZTR4422	U1R 250		—	5049-E2, 5049-E4	U1 195	8C-3636	—
ZTR4423, ZTR4424	U1R 250		—	5069-E, 5088-E	U1 195	8C-3636	—
ZTR4425, ZTR4426	U1R 250		—	5089-E	U1 195	8C-3636	—
ZTR4515B, ZTR4516K	U1R 250		—	<b>ECONOMY TRACTOR</b>			
ZTR4518, ZTR5017	U1R 250		—	<b>See Engineering Products Company</b>			
ZTR502, ZTR5020	U1R 250		—	PK1212	U1 260	—	—
ZTR5022, ZTR5023	U1R 250		—	<b>ENCORE</b>			
ZTR5421, ZTR5423	U1R 250		—	<b>Front Cut Mowers</b>			
ZTR5424, ZTR5425	U1R 250		—	FC 26.5in. - Diesel	U1R 260	—	—
ZTR5501, ZTR5502	U1R 250		—	FC 52in., FC 61in.	U1 300	—	—
ZTR5601, ZTR6022	U1R 250		—	MC 22in. - Gas	U1 300	—	—
ZTR6023, ZTR6025	U1R 250		—	MC 31in. - Gas	U1R 260	—	—
ZTR6072, ZTR6601	U1R 250		—	Prowler Pro 52	U1 300	17	—
ZTR7025, ZTR7523	U1R 250		—	Prowler Pro 61	U1 300	—	—
ZTR8025	U1R 250		—	Prowler Pro 72	22F 425	3T-5859	369-9958
ZTR8026D	70 500		7X-6100{32}	<b>Lawn &amp; Garden Tractors/Mowers</b>			
<b>DR MOWER</b>				36K 250, 48B 350	26R 350	369-9958	250-0489{32}
DR46				48B 450, 60B 350	22F 350	3T-5859	369-9958
<b>DYNAMARK</b>				48K 250	26R 350	369-9958	250-0489{32}
<b>(AMF)</b>				60B 450	22F 350	3T-5859	369-9958
<b>Lawn &amp; Garden Tractors/Mowers</b>				<b>Prowler Mid Cut</b>			
11/30, 12.5/40	U1 230		8C-3636	MC 61in. (22 Hp)	U1 300	—	—
1200 Series, 1260	U1 230		8C-3636	MC 72in. (31 Hp)	35 550	250-0487	369-9958
1261, 1268, 1278	U1 230		8C-3636	<b>Walk-Behind Mowers</b>			
1281, 1282, 1284	U1 230		8C-3636	32B 100, 32K 100	U1 195	8C-3636	—
1288, 1291, 1292	U1 230		8C-3636	36K 100, 36K 200	U1 195	8C-3636	—
1294, 14.5/40, 18/43	U1 230		8C-3636	36K 250	U1 175	8C-3636	—
3188, 3189, 3812	U1 230		8C-3636	46B 350, 48B 450	22F 350	3T-5859	369-9958
3912, 3916, 4012	U1 230		8C-3636	48B 350WT	U1 300	—	—
4518, 4618, 5180	U1 230		8C-3636	48B 350WT	U1 340	—	—
5181, 5184, 5188	U1 230		8C-3636	48B 450WT	U1 300	—	—
5283, 5285, 5288	U1 230		8C-3636	48K 200, 52K 200	U1 195	8C-3636	—
5289, 5293, 5296	U1 230		8C-3636	48K 250WT, 52B 300	U1 300	—	—
5297, 8 Hp Rider	U1 230		8C-3636	52B 350, 52B 450	U1 300	—	—
A3611, A3812, A3912	U1 230		8C-3636	52K 200, 600B 450	U1 300	—	—
A3916, A4012, A4518	U1 230		8C-3636	56K200	U1 195	8C-3636	—

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18 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(19)</sup>	Notes (20)	Replacement	
		Option 1	Option 2
60B 350 22F 350		3T-5859	369-9958
<b>Zero-Turn Mowers</b>			
42B 350Z, 48B 450Z	U1 300	—	—
X-TREME 48	U1 190	8C-3636	—
X-TREME 52	U1 190	8C-3636	—
X-TREME 60, Z-42	U1 190	8C-3636	—
Z-34, Z-48, Z-52	U1 300	—	—
<b>ENGINEERING PRODUCTS CO.</b>			
<b>Economy Tractor</b>			
Jim Dundy	U1R 195	—	—
PK1212	U1 260	—	—
Power King	22NF 340	—	—
<b>EXCEL</b>			
<b>Garden &amp; Compact Tractors</b>			
250, 2500 Compact	U1 195	8C-3636	—
251, 251K, 260, 261	U1 195	8C-3636	—
262	U1 195	8C-3636	—
275, 285, 295, 320	24F 460	3T-5858	250-0487
340, 400	24F 460	3T-5858	250-0487
4100-4500 Series	24F 460	3T-5858	250-0487
420 Hustler, 440	24F 460	3T-5858	250-0487
4420 Hustler	24F 460	3T-5858	250-0487
<b>Lawn &amp; Garden Equipment</b>			
305D	24F 460	3T-5858	250-0487
<b>EXMARK</b>			
Commercial 60	U1 245	8C-3636	—
Explorer	U1 245	8C-3636	—
Explorer 1800	U1 245	8C-3636	—
Explorer EX 523D	U1 245	8C-3636	—
Front Runner	U1 245	8C-3636	—
Turf Ranger	U1 245	8C-3636	—
Turf Tracer	U1 245	8C-3636	—
Turf Tracer HP	U1 245	8C-3636	—
Turf Tracer S Series	U1 235	8C-3636	—
Turf Tracer TT 52	U1 245	8C-3636	—
Turf Tracer TT 60	U1 245	8C-3636	—
Turf Tracer TTHP 36	U1 245	8C-3636	—
Turf Tracer TTHP 48	U1 245	8C-3636	—
Turf Tracer TTHP 52	U1 245	8C-3636	—
Viking, Viking Hydro	U1 245	8C-3636	—
<b>Commercial Walk-Behind Mowers</b>			

MAKE/EQUIPMENT TYPE/ MODEL <sup>(19)</sup>	Notes (20)	Replacement	
		Option 1	Option 2
Turf Tracer S Serie	U1 235	8C-3636	—
Viking	U1 245	8C-3636	—
<b>Walk Behind Rotary Mowers</b>			
Metro	U1 245	8C-3636	—
Metro 21 Series	U1 245	8C-3636	—
Metro 26 Series	U1 245	8C-3636	—
<b>Zero-Turn Mowers</b>			
Lazer CT, Lazer Z AS	U2 246	—	—
Lazer Z CT	U1 245	8C-3636	—
Lazer Z Commercial 44	U1 245	8C-3636	—
Lazer Z Commercial 48	U1 245	8C-3636	—
Lazer Z Commercial 52	U1 245	8C-3636	—
Lazer Z Commercial 72	U1 245	8C-3636	—
Lazer Z D 60	U1 245	8C-3636	—
Lazer Z D 72	U1 245	8C-3636	—
Lazer Z E 48	U1 260	—	—
Lazer Z E 52	U1 260	—	—
Lazer Z EPS	U1 245	8C-3636	—
Lazer Z HP	U1 245	8C-3636	—
Lazer Z LZLC 52	U1 245	8C-3636	—
Lazer Z LZLC 60	U1 245	8C-3636	—
Lazer Z Liquid Cooled	U1 245	8C-3636	—
Lazer Z S 48	U1 245	8C-3636	—
Lazer Z S 52	U1 245	8C-3636	—
Lazer Z S 60	U1 245	8C-3636	—
Lazer Z S 72	U1 245	8C-3636	—
Lazer Z X 48	U1 245	8C-3636	—
Lazer Z X 52	U1 245	8C-3636	—
Lazer Z X 60	U1 245	8C-3636	—
Lazer Z X 72	U1 245	8C-3636	—
Lazer Z XP	U1 245	8C-3636	—
Lazer Z XS	U1 245	8C-3636	—
Lazer Z/Phazer	U1 245	8C-3636	—
Lazer ZEFi	U1 245	8C-3636	—
Navigator	U1 245	8C-3636	—
Navigator 42	U1 245	8C-3636	—
Navigator 48, Phazer	U1 245	8C-3636	—
Pioneer E-Series 48	U1 245	8C-3636	—
Pioneer E-Series 52	U1 245	8C-3636	—

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20 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(21)</sup>	Notes (22)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(21)</sup>	Notes (22)	Replacement	
		Option 1	Option 2			Option 1	Option 2
Pioneer E-Series 44	U1 260	—	—	Pro Cut 20	U1 245	8C-3636	—
Pioneer E-Series 48	U1 260	—	—	<b>Zero-Turn Mowers</b>			
Pioneer E-Series 52	U1 260	—	—	Evolution, IS 600Z	U1 340	—	—
Pioneer E-Series 60	U1 260	—	—	IS 1500Z, IS 2000Z	U1 245	8C-3636	—
Quest 42, Quest 50	U1 245	8C-3636	—	IS 2500Z, IS 3100Z	U1 245	8C-3636	—
Vantage 48	U1 245	8C-3636	—	IS 3100ZP	U1 245	8C-3636	—
Vantage 52	U1 245	8C-3636	—	IS 5100Z	26 245	8C-3600	250-0489(32)
<b>FERRIS</b>				IS 5100Z	58 245	8C-3612	—
CTR, Commercial 52	U1 245	8C-3636	—	IS 700Z	U1 340	—	—
Criterion 320	U1 245	8C-3636	—	<b>FLOW-MOW MOWER CO.</b>			
Criterion 420	U1 245	8C-3636	—	JetX 26	22NF 340	—	—
Criterion 430, G1418	U1 245	8C-3636	—	JetX 2668	U1 260	—	—
Evolution, Hydrocut	U1 340	—	—	<b>FMC CORP.</b>			
G1818, G1820, H1618	U1 245	8C-3636	—	<b>See also Bolens</b>			
H1818, H2020	U1 245	8C-3636	—	<b>FORD MOTOR COMPANY</b>			
Hydro Walk DD	U1 245	8C-3636	—	100, 120, 125, 145	U1 195	8C-3636	—
Hydro Walk Dual Drive 52	U1R 245	—	—	165, 66, 70, 75, 80	U1 195	8C-3636	—
Hydro Walk SD	U1 245	8C-3636	—	LGT100, LGT120	U1 260	—	—
IS 1000Z, IS 1500Z	U1 245	8C-3636	—	LGT125, LGT145	U1 260	—	—
IS 1000Z, IS 3000Z	26 245	8C-3600	250-0489(32)	LGT165, LT75, RMT66	U1 260	—	—
IS 2000Z, IS 2500Z	U1 245	8C-3636	—	<b>GARDEN PRO</b>			
IS 3000ZF, IS 3100Z	U1 245	8C-3636	—	<b>See also Poloran Products</b>			
IS 3100ZP	U1 245	8C-3636	—	<b>GARDEN WAY MFG. COMPANY</b>			
IS 4000Z, IS 4500Z	58 245	8C-3612	—	12hp, 14hp	U1 260	—	—
IS 4000Z, IS 5100Z	26 245	8C-3600	250-0489(32)	<b>(Troy Built)</b>			
IS 5000Z	58 245	8C-3612	—	Pony	— —	—	—
IS 5100Z- Optional	58 245	8C-3612	—	<b>GENERAL APPLIANCE MFG. CO.</b>			
IS 600Z, IS 700Z	U1 340	—	—	All Electric Starters	U1 260	—	—
Pro Cut 19	U1 245	8C-3636	—	<b>GENERAL POWER</b>			
Pro Cut 20	U1 245	8C-3636	—	<b>(Lawn Chief, Tru-Test, Wheeler)</b>			
Pro Cut 22	U1 245	8C-3636	—	3-725-E7, 3-725-E8	— —	—	—
Pro Cut 30	U1 245	8C-3636	—	3-725-E9, WES725	— —	—	—
Pro Cut 32	U1 245	8C-3636	—	WES725-FS	— —	—	—
Pro Cut 61	U1 245	8C-3636	—	<b>GIANT-VAC</b>			
Pro Cut Z	U1 245	8C-3636	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
Pro Driver 72	U1 245	8C-3636	—	Giant Mow(15 Hp Kohler)	— —	—	—
Ultra Belt BGF	U1 245	8C-3636	—	<b>Leaf Vacuums</b>			
Ultra Belt GD	U1 245	8C-3636	—	1001-CHW, 2501-CEHW	B14L-A2	—	—
<b>Commercial Walk-Behind Mowers</b>				1901-CEHW	U1 245	8C-3636	—
Hydrocut	U1 340	—	—	<b>Pro Series</b>			
				Pro Series	U1 235	8C-3636	—

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22 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(23)</sup>	Notes (24)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(23)</sup>	Notes (24)	Replacement		
		Option 1	Option 2			Option 1	Option 2	
<b>Vacuums</b>				411, 600 Series	U1	235	8C-3636	—
1001-CHW	U1	235	8C-3636	—	—	—	8C-3636	—
1601-CEHW, 1901-CEHW	—	—	—	—	—	—	—	—
1901-CEHW	B14L-A2	—	—	—	—	—	—	—
2501-CEHW w/ 25 Hp Kohler	U1	235	8C-3636	—	—	—	8C-3636	—
3001-CEHW, 3001-CHW	U1	235	8C-3636	—	—	—	8C-3636	—
6001-CEHW, 6001-CHW	U1	235	8C-3636	—	—	—	8C-3636	—
<b>Walk-Behind Mowers</b>				<b>Sit Down, Front Cut</b>				
1601-CHW, 1901-CHW	U1	235	8C-3636	—	—	—	8C-3636	—
2501-CHW	U1	235	8C-3636	—	—	—	8C-3636	—
Turf Dominator	—	—	—	—	—	—	—	—
<b>GILSON BROTHERS COMPANY</b>				<b>Zero-Turn Mowers</b>				
<b>Lawn &amp; Garden Tractors/Mowers</b>				120, 120K, 218, 220	U1	235	8C-3636	—
11/38, 12/38, 53037	U1	195	8C-3636	—	—	—	8C-3636	—
52015, 52033, 810	—	—	—	—	—	—	—	—
8/28, GT14, GT14E	U1	195	8C-3636	—	—	—	8C-3636	—
812, 818, 855, 865	—	—	—	—	—	—	—	—
GT14HE, GT18E	U1	195	8C-3636	—	—	—	8C-3636	—
GT18HE, RE11e, RE12e	U1	195	8C-3636	—	—	—	8C-3636	—
RE8e, YT11E, YT11HE	U1	195	8C-3636	—	—	—	8C-3636	—
YT12.5, YT12E, YT16	U1	195	8C-3636	—	—	—	8C-3636	—
YT16E, YT16HE	U1	195	8C-3636	—	—	—	8C-3636	—
<b>Utility Vehicles</b>				223, 225, 227, 233	U1	235	8C-3636	—
52080, 52081, 52082	U1	260	—	—	—	—	8C-3636	—
52083, 52084	U1	260	—	—	—	—	8C-3636	—
53018, 53019, 53021	26R	425	369-9958	250-0489{32}	—	—	8C-3636	—
53023, 53024, 53025	26R	425	369-9958	250-0489{32}	—	—	8C-3636	—
53026, 53027, 53028	26R	425	369-9958	250-0489{32}	—	—	8C-3636	—
53073, 53074	22F	425	3T-5859	369-9958	—	—	8C-3636	—
<b>GOSSEN</b>				322D, 428D, 721D	70	500	7X-6100{32}	250-0489{32}
<b>Bale Choppers</b>				327, 432, 614, 616	U1	235	8C-3636	—
NA1500, NA6000	U1	340	—	—	—	—	8C-3636	—
NA8500, SBC500P	U1	340	—	—	—	—	8C-3636	—
SBC6000	U1	340	—	—	—	—	8C-3636	—
<b>Vacuums</b>				618, 718, 718KH2	U1	235	8C-3636	—
G-350	U1	340	—	—	—	—	8C-3636	—
<b>GRASSHOPPER</b>				720, 721, 723KH2	U1	235	8C-3636	—
<b>(moridge Mfg., Inc.)</b>				721D2, 721DH2, 722D	70	500	7X-6100{32}	250-0489{32}
<b>Lawn &amp; Garden Tractors</b>				722D2, 928D2	70	500	7X-6100{32}	250-0489{32}
1200, 1212, 1600	U1	235	8C-3636	—	—	—	8C-3636	—
—	—	—	—	725K, 727K, 727K2	U1	235	8C-3636	—
—	—	—	—	729G2	U1	235	8C-3636	—
—	—	—	—	Front Mount 616T	U1	235	8C-3636	—
—	—	—	—	Front Mount 620T	U1	235	8C-3636	—
—	—	—	—	Front Mount 721DT	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Front Mount 723T	U1	235	8C-3636	—
—	—	—	—	Front Mount 725DT	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Front Mount 727T	U1	235	8C-3636	—
—	—	—	—	Front Mount 729BT	U1	235	8C-3636	—
—	—	—	—	Front Mount 729T	U1	235	8C-3636	—
—	—	—	—	Front Mount 735BT	U1	235	8C-3636	—
—	—	—	—	Front Mount 930D	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Front Mount 932	U1	235	8C-3636	—
—	—	—	—	Mid Mount 120K	U1	235	8C-3636	—
—	—	—	—	Mid Mount 124	U1	235	8C-3636	—
—	—	—	—	Mid Mount 220	U1	235	8C-3636	—
—	—	—	—	Mid Mount 223	U1	235	8C-3636	—
—	—	—	—	Mid Mount 227	U1	235	8C-3636	—
—	—	—	—	Mid Mount 321D	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Mid Mount 325D	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Mid Mount 329	U1	235	8C-3636	—
—	—	—	—	Mid Mount 329B	U1	235	8C-3636	—
—	—	—	—	Mid Mount 335	U1	235	8C-3636	—
—	—	—	—	Mid Mount 403D	70	500	7X-6100{32}	250-0489{32}
—	—	—	—	Mid Mount 432	U1	235	8C-3636	—

23 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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24 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(25)</sup>	Notes (26)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(23)</sup>	Notes (24)	Replacement		
		Option 1	Option 2			Option 1	Option 2	
Promaster Series 360	26R 440		369-9958	250-0489(32)	411, 600 Series	U1 235	8C-3636	—
Promaster Series 400	24F 525		3T-5858	250-0487	700 Series- Air Cooling	U1 235	8C-3636	—
<b>Lawn &amp; Garden Tractors/Mowers</b>								
GLT440, GLT448, XDZ	U1 300		—	—	700 Series- Liquid Cooled	70 500	7X-6100(32)	250-0489(32)
GLT600	U1R 230		—	—	800 Series- Air Cooling	U1 235	8C-3636	—
XL Series	U1 300		—	—	800 Series- Liquid Cooled	70 500	7X-6100(32)	250-0489(32)
XLP Series	U1 300		—	—	900 Series	U1 235	8C-3636	—
<b>Outdoor Power Equipment/Tractors</b>								
1132, 1138, 1232-G	U1 195		8C-3636	—	<b>Sit Down, Front Cut</b>			
12-G, 20-G, 5260	22F 425		3T-5859	369-9958	725	70 500	7X-6100(32)	250-0489(32)
1232-H, 1238-G	U1 195		8C-3636	—	<b>Zero-Turn Mowers</b>			
1238-H, 18-H	U1 195		8C-3636	—	120, 120K, 218, 220	U1 235	8C-3636	—
200D, Skidster 200	U1R 300		—	—	223, 225, 227, 233	U1 235	8C-3636	—
408	U1R 195		—	—	322D, 428D, 721D	70 500	7X-6100(32)	250-0489(32)
5645, 812, 816, 816S	22F 425		3T-5859	369-9958	327, 432, 614, 616	U1 235	8C-3636	—
818	22F 425		3T-5859	369-9958	618, 718, 718KH2	U1 235	8C-3636	—
Commercial 10	26R 440		369-9958	250-0489(32)	720, 721, 723KH2	U1 235	8C-3636	—
Commercial 12	26R 440		369-9958	250-0489(32)	721D2, 721DH2, 722D	70 500	7X-6100(32)	250-0489(32)
Convertible Super	22F 425		3T-5859	369-9958	722D2, 928D2	70 500	7X-6100(32)	250-0489(32)
Professional 10	26R 440		369-9958	250-0489(32)	725K, 727K, 727K2	U1 235	8C-3636	—
Professional 10QS	26R 440		369-9958	250-0489(32)	729G2	U1 235	8C-3636	—
Professional 12	26R 440		369-9958	250-0489(32)	Front Mount 616T	U1 235	8C-3636	—
Professional 12-G	26R 440		369-9958	250-0489(32)	Front Mount 620T	U1 235	8C-3636	—
Professional 12QS	26R 440		369-9958	250-0489(32)	Front Mount 721DT	70 500	7X-6100(32)	250-0489(32)
Professional 16	26R 440		369-9958	250-0489(32)	Front Mount 723T	U1 235	8C-3636	—
Professional 16-G	26R 440		369-9958	250-0489(32)	Front Mount 725DT	70 500	7X-6100(32)	250-0489(32)
Professional 18	26R 440		369-9958	250-0489(32)	Front Mount 727T	U1 235	8C-3636	—
Professional 18-G	26R 440		369-9958	250-0489(32)	Front Mount 729BT	U1 235	8C-3636	—
Professional 20-G	26R 440		369-9958	250-0489(32)	Front Mount 729T	U1 235	8C-3636	—
Professional 24-G	26R 440		369-9958	250-0489(32)	Front Mount 735BT	U1 235	8C-3636	—
Professional 8	U1R 260		—	—	Front Mount 930D	70 500	7X-6100(32)	250-0489(32)
<b>Pro G Series</b>								
988100, 988101	26R 440		369-9958	250-0489(32)	Front Mount 932	U1 235	8C-3636	—
988102, 988103	26R 440		369-9958	250-0489(32)	Mid Mount 120K	U1 235	8C-3636	—
988104, 988110	26R 440		369-9958	250-0489(32)	Mid Mount 124	U1 235	8C-3636	—
988112, 988114	26R 440		369-9958	250-0489(32)	Mid Mount 220	U1 235	8C-3636	—
988115	26R 440		369-9958	250-0489(32)	Mid Mount 223	U1 235	8C-3636	—
<b>Pro H Series</b>								
988105, 988106	U1 300		—	—	Mid Mount 227	U1 235	8C-3636	—
988107, 988108	U1 300		—	—	Mid Mount 321D	70 500	7X-6100(32)	250-0489(32)
988109, 988113	U1 300		—	—	Mid Mount 325D	70 500	7X-6100(32)	250-0489(32)
<b>Pro Maswter Series</b>								
100 Series	U1R 230		—	—	Mid Mount 329	U1 235	8C-3636	—
					Mid Mount 329B	U1 235	8C-3636	—
					Mid Mount 335	U1 235	8C-3636	—
					Mid Mount 403D	70 500	7X-6100(32)	250-0489(32)
					Mid Mount 432	U1 235	8C-3636	—

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26 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(27)</sup>	Notes (28)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(27)</sup>	Notes (28)	Replacement	
		Option 1	Option 2			Option 1	Option 2
18-G, 20-G, 30-H	22F 425		3T-5859 369-9958	Chariot Jr, Gateway	U1 340		— —
200 Series Exc 260Z	U1R 230		— —	Chariot XL 48	U1 260		— —
300 Series Exc 360	U1R 230		— —	Chariot XL 61	U1 265		— —
360 Series	26R 440		369-9958 250-0489{32}	Chariot XL 72	U1 265		— —
400 Series	24F 525		3T-5858 250-0487	Chariot/LX, GD 51KH	U1 260		— —
50, 60	70 525		7X-6100{32} 250-0489{32}	GDZ 52KH	U1 260		— —
ATM 72	26 440		8C-3600 250-0489{32}	Gateway 52	U1 340		— —
<b>Vacuums</b>				Scamper 52	U1 265		— —
ProVac 1050	26R 440		369-9958 250-0489{32}	Scamper HG 36	U1 265		— —
<b>Walk-Behind Mowers</b>				Scamper HG 48	U1 265		— —
320HD	U1 540		— —	Scamper Hydro	U1 265		— —
Pro 2, Pro 60	24 500		430-5992	Scamper, Scamper 48	U1 265		— —
<b>Zero-Turn Mowers</b>				Super Surfer 48	U1 265		— —
144Z, 148Z, 152Z	U1 340		— —	Super Surfer 52	U1 265		— —
160Z, 252Z, 260Z	U1 340		— —	Super Surfer 61	U1 265		— —
250Z, ZT 1740	U1 260		— —	Super Surfer, Surfer	U1 340		— —
252Z, 260Z, 272Z	70 525		7X-6100{32} 250-0489{32}	<b>HAHN, INC.</b>			
272Z	U1 340		— —	126, 130, 132, 736	U1 260		— —
Pro-Ride 254	U1 440		— —	836, IHDE-126	U1 260		— —
Pro-Ride 260	U1 440		— —	GT-736E, GT-836	U1 195		8C-3636 —
Pro-Ride 266	U1 440		— —	IHDE-130, IHSE-126	U1 260		— —
Pro-Turn 148	U1 250		— —	RHE-126, RHE-132	U1 195		8C-3636 —
Pro-Turn 152	U1 250		— —	<b>HEILMAN ENTERPRISES</b>			
Pro-Turn 160	U1 250		— —	11-76, 11-77, 11-78	U1 260		— —
Pro-Turn 252	U1 250		— —	220, 440, 445, 550	U1R 260		— —
Pro-Turn 260	U1 250		— —	555	U1R 260		— —
Pro-Turn 266	U1 250		— —	8-76, 8-77	U1 260		— —
Pro-Turn 272	U1 250		— —	<b>HESSTON CORPORATION</b>			
Pro-Turn 452, ZT 34	U1 250		— —	730-OLE, LT-1034	U1 260		— —
Pro-Turn 460- Gas	U1 250		8C-3636 —	CT-10, H-160, H-200 22NF	340 235		— —
Pro-Turn 460- LPG	70 540		7X-6100{32} 250-0489{32}	LT-1242, T-8, YT-14	U1 260		— —
Pro-Turn 472- Gas	U1 250		8C-3636 —	T-10, T-135, T-16H	22NF 340		— —
Pro-Turn 472- LPG	70 540		7X-6100{32} 250-0489{32}	YT-16, YT-18	U1 260		— —
ZT 1842, ZT 2048	U1 260		— —	<b>HOMELITE/JACOBSEN</b>			
ZT 2050, ZT 2148	U1 260		— —	180HIE63, EH/HL4400	U1R 255		— —
ZT 2352	U1 260		— —	730-OLE, LT-1034	U1R 230		— —
ZT 42, ZT 50	U1 250		— —	CT-10, T-10, T-135	22NF 340		— —
<b>GREAT DANE</b>				LT 1238G, LT 1438G	U1R 255		— —
<b>Lawn &amp; Garden Tractors</b>				LT-1034	U1R 260		— —
Brutus, Chariot 48	U1 265		— —	LT-1242, T-8, YT-14	U1R 230		— —
Champ, Chariot	U1 260		— —	RE-8E, RE1030E	— —		— —
Chariot 52	U1 340		— —	RE1230E, RE830E	— —		— —
Chariot 61	U1 265		— —				
Chariot Jr Line	U1 260		— —				

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28 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(29)</sup>	Notes (30)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(29)</sup>	Notes (30)	Replacement	
		Option 1	Option 2			Option 1	Option 2
T-16, T-16H	22NF 340		—	WB60H-20K, WB60H-K	U1 190		8C-3636
YT-16, YT-18	U1R 230		—	<b>Zero-Turn Mowers</b>			
<b>HONDA</b>				All ZTR	U1 260		—
4120HDA, H4013	U1 340		—	Radius Riders	U1 340		—
4518, H4418, H4514	U1 300		—	<b>HUFFMAN MFG. COMPANY</b>			
EMS4000, EMS4500	U1R 195		—	<b>(Huffy)</b>			
H10115DA, H2213	U1 195		8C-3636	All 1974 32in. Riders	U1 195		8C-3636
H1011HDA, H1011SDA	U1 165		8C-3636	H-270, H-360	— —		—
H2113HDA, H2113SDA	U1 260	52	—	<b>HULL INDUSTRIES</b>			
H3009, H3011, H4514H	U1 260	52	—	TC30ER	— —		—
H4118, H4118HDA	U1 340		—	<b>HUAQVARNA</b>			
H4120	U1 340		—	<b>Garden &amp; Compact Tractors</b>			
H5013, H5518, HT3810	U1 260	52	—	970-12S	— —		—
H6522	22NF 340		—	CTH 130, CTH 150	U1R 300		—
HRC 7000 Series	U1 300		—	GT 200, GTH 200	U1R 300		—
HRC 7018, HRC 7020	U1 300		—	GTH 220, GTH 225/250	U1R 300		—
HT3813, HT4213	U1 260	52	—	GVTH 205, STH 200	U1R 300		—
HTR3009	U1 260	52	—	YT 140, YT 180	U1R 300		—
Harmony 1011	U1 170		8C-3636	YTH 1342 XP, YTH 150	U1R 300		—
Harmony 2013	U1 170		8C-3636	YTH 160, YTH 180	U1R 300		—
<b>HOWARD PRICE</b>				YTH 1842, YTH 2046	U1R 260		—
<b>Lawn &amp; Garden Tractors/Mowers</b>				YTH 1848 XP	U1R 300		—
Blazer 360Z	U1 190		8C-3636	YTH 2148, YTH 2242	U1R 260		—
Hydra Power	24 550		153-5656	YTX 1848 XP	U1R 300		—
Hydra Power 1280	24 440		153-5656	<b>Garden Tractors</b>			
Hydro Power 180	24 500	15	153-5656	YTH 2146 XP	U1R 245		—
<b>Turf Blazer</b>				YTH1542XP	U1R 245		—
Turf Blazer 360Z	U1 300		—	YTH2146XP, YTH2454	U1R 190		8C-3636
Turf Blazer 48	U1 300		—	YTH2348	U1R 230		—
Turf Blazer 52	U1 300		—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
Turf Blazer 530	24 500		153-5656	1200-18H	U1R 300		—
Turf Blazer 727	24 500		153-5656	2042LS, 2246LS	U1R 230		—
<b>Utility Vehicles</b>				2346XLS, 2348LS	U1R 230		—
Maverick	U1 300		—	2748GLS, 2754GLS	U1R 230		—
<b>Walk-Behind Mowers</b>				970 Rider Series	U1R 300		—
WB36-14K, WB36H-14K	U1 190		8C-3636	970-125, 970-155	U1R 300		—
WB48-14K, WB48H-14K	U1 190		8C-3636	970-15B, 970H-155	U1R 300		—
WB52-14K, WB52-17K	U1 190		8C-3636	GTH2248 XP	U1R 300		—
WB52H-14K, WB52H-17K	U1 190		8C-3636	GTH225, GTH2350	U1R 245		—
				GTH22550 XP, GTH2350	U1R 230		—

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30 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(31)</sup>	Notes (32)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(31)</sup>	Notes (32)	Replacement	
		Option 1	Option 2			Option 1	Option 2
GTH250, GTH2548XP	U1R 245	—	—	IZ4821T, IZ5221T	U1 190	8C-3636	—
GTH2548XP, GTH2550XP	U1R 300	—	—	IZ5223, ZTH Series	U1 340	—	—
GVTH205, YTH 145	U1R 245	—	—	IZ5223T, IZ5225TXP	U1 190	8C-3636	—
LGT2654	U1R 280	—	—	IZ6123T, IZ6125T	U1 190	8C-3636	—
LR 110, LR 120	U1R 300	—	—	ZTH1625XP, ZTH226EFI	U1 340	—	—
LR 122, LR 125	U1R 300	—	—	ZTH4218, ZTH4218QL	U1 340	—	—
LRH 125, LT 120	U1R 300	—	—	ZTH4221QL, ZTH4818	U1 340	—	—
LT 130, LT18542	U1R 300	—	—	ZTH4820, ZTH4821	U1 340	—	—
LTH 120, LTH 130	U1R 300	—	—	ZTH5221, ZTH5223	U1 340	—	—
LTH 140	U1 340	—	—	ZTH5223L, ZTH5223XL	U1 340	—	—
LTH 140, LTH 145	U1R 300	—	—	ZTH5225, ZTH5225XP	U1 340	—	—
LTH 1538, YTH 2348	U1R 230	—	—	ZTH5225XPQL	U1 340	—	—
LTH 1742, Pro15	U1R 300	—	—	ZTH6123LXP	U1 340	—	—
Proflex 21	U1R 300	—	—	ZTH6123LXPQL	U1 340	—	—
Rider 16H, YTH 1746	U1R 300	—	—	ZTH6125, ZTH6126	U1 340	—	—
YTH 150, YTH 1542 XP	U1R 245	—	—	ZTH6127SPQL	U1 340	—	—
YTH 180	U1R 245	—	—	ZTH6215SPQL	U1 340	—	—
YTH 1848 XP	U1R 300	—	—	ZTH7226XP	U1 340	—	—
YTH 2046, YTH 2048	U1R 300	—	—	ZTH7226XPQL	U1 340	—	—
YTH 2146XP, YTH 2148	U1R 190	—	—	ZTH7227XPQL	U1 340	—	—
YTH 2242, YTH 2454	U1R 190	—	—				
<b>Lawn Tractors</b>				<b>HUSTLER</b>			
2042LS, 2246LS	U1R 230	—	—	2500- 25 Hp Kohler	U1R 245 300	—	—
2346XLS, 2348LS	U1R 230	—	—	2500 Rider(25 Hp Kohler)	U1R 230	—	—
2748GLS, 2754GLS	U1R 230	—	—	251K and 260K Riders	U1R 230	17	—
LTH1538	U1R 230	—	—	3000	24F 500	3T-5858	250-0487
<b>Walk-Behind Mowers</b>				3000 Series	24F 460	3T-5858	250-0487
Scag Turf Tiger	U1 260	—	—	320, 340, 362	24 550	153-5656	3T-5857
WH 3614, WH 3615	U1 260	—	—	3400, 4000 Series	24 350	153-5656	3T-5857
WH 4817, WH 5218	U1 260	—	—	5000 Series	24 500	153-5656	3T-5857
WH 4817ETS, WH 5218	U1 340	—	—	52in. Cut, 60in. Cut	U1 245	8C-3636	—
WHF 4215ETS	U1 340	—	—	6400 Hillside	24 500	153-5656	3T-5857
WHF 4818ETS	U1 340	—	—	ALL, Fastback 44in.	U1 245	8C-3636	—
<b>Zero-Turn Mowers</b>				Excel	U1 195	8C-3636	—
BZ1627D, BZ6134D	51 450	—	—	Fastback 52in.	U1 245	8C-3636	—
BZ6127TD	51 460	—	—	Fastrak Super Duty 36	U1R 225	—	—
BZ7234D	51 450	—	—	Fastrak Super Duty 42	U1R 225	—	—
CZ4815, CZ4817	U1 340	—	—	Fastrak Super Duty 48	U1R 225	—	—
IZ4217, IZ4218	U1 340	—	—	Fastrak Super Duty 54	U1R 225	—	—
IZ4817T, IZ4819T	U1 190	8C-3636	—				
IZ4818, IZ4821	U1 340	—	—				

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32 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(33)</sup>	Notes (34)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(31)</sup>	Notes (32)	Replacement	
		Option 1	Option 2			Option 1	Option 2
Fastrak Super Duty 60	U1R 225	—	—	648, 6818	U1 200	8C-3636	—
Fastrak Hog	U1 260	—	—	808, 80XC, 80XE	U1 230	8C-3636	—
Hustler Hydro	U1 245	8C-3636	—	80XI, 80XM	U1 230	8C-3636	—
Hustler Mini Z	U1 225	8C-3636	—	810	— —	—	—
Hustler Z	U1 225	8C-3636	—	YT116	U1 260	—	—
Hustler Z	U1R 225	—	—	<b>INTERNATIONAL HARVESTER</b>			
Mini 42in.	U1 260	—	—	782D- Diesel			
Mini Fastrak	U1R 225	—	—	<b>Cub Cadets</b>			
Mini Z, Short Cut	U1 245	8C-3636	—	100, 1000, 102, 104	U1 260	—	—
Raptor 42, Raptor 52	U1R 235	—	—	1000, 108, 109, 1100	U1 195	8C-3636	—
Stand-Behind 1500	U1 245	8C-3636	—	105, 106, 107, 1100	U1 260	—	—
Super 104	45 480	—	—	111, 1200, 1250, 128	U1 195	8C-3636	—
Super Mini Z	U1 260	—	—	1200, 122, 123, 124	U1 260	—	—
Super Walk Behind	U1 245	8C-3636	—	125, 1250, 126, 127	U1 260	—	—
Super Z Diesel	U1R 225	—	—	128, 129, 1450, 147	U1 260	—	—
Super Z, Trim Star	U1 245	8C-3636	—	129, 1450, 149, 1650	U1 195	8C-3636	—
<b>Walk Behind Greens Mowers</b>				149, 1650, 169, 482	U1 260	—	—
Trim Star	U1 245	8C-3636	—	169, 182, 282, 382	U1 195	8C-3636	—
<b>Zero-Turn Mowers</b>				482, 502, 602, 702	U1 195	8C-3636	—
Fastrak Super Duty	U1R 225	—	—	582, 682, 70, 71, 72	U1 260	—	—
Raptor 42, Raptor 52	U1R 235	—	—	73, 782, 800, 86	U1 260	—	—
Super 104	45 480	—	—	76, 80, 800, 81, 86	U1 195	8C-3636	—
<b>INGERSOL</b>				982	U1 195	8C-3636	—
<b>Front Cut Mowers</b>				982	U1 260	—	—
5012, 5016, 5018	U1 300	—	—	Cub Cadet- w/o electric start			
5018CD, 5020V, 5118D	U1 300	—	—	— — — —			
5018D	U1 450	—	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
5318V, 5320V, 5720V	U1 300	—	—	282, 382, 482, 502	U1 195	8C-3636	—
5818V, 5820V, 5822V	U1 300	—	—	55, 60, 602, 702, 75	U1 195	8C-3636	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				800, 85, 85 Special	U1 195	8C-3636	—
108, 110, 111, 112	U1 260	—	—	95	27 570	—	—
112B, 114, 114B, 116	U1 260	—	—	<b>ISEKI</b>			
116B, 210, 220, 222	U1 260	—	—	All models — — — —			
1212G, 1212H	U1 195	8C-3636	—	<b>ITC TRACTOR</b>			
1214, 2012, 2014	U1 300	—	—	931-2703, 931-2737	U1 300	—	—
224, 226, 3010, 3012	U1 260	—	—	931-5730	U1 300	—	—
3014, 3016, 3018	U1 260	—	—	UC 24 HD, UC 25 HD	26 440	8C-3600	250-0489(32)
3018PS, 4014, 4016	U1 260	—	—	<b>J.C. PENNEY</b>			
4018, 4020, 4020PS	U1 260	—	—	931-0079, 931-0087	22NF 340	—	—
4116, 444, 446, 448	U1 260	—	—	931-2703, 931-2737	U1 260	—	—
4118, 4120	U1 300	—	—	931-5730	U1 260	—	—
6018, YT112, YT114	U1 260	—	—	<b>JACOBSEN MFG. COMPANY</b>			
				750 Deluxe, Chief	U1 195	8C-3636	—
				C118	26R 450	369-9958	250-0489(32)
				CR50	U1 260	—	—

33 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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34 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(35)</sup>	Notes (36)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(31)</sup>	Notes (32)	Replacement	
		Option 1	Option 2			Option 1	Option 2
Commercial 32-50 U1 260		—	—	1200 U1 340		—	—
Crew Chief, GT10G U1 260		—	—	<b>Compact Tractors</b>			
DW220- Diesel 26R 450		369-9958	250-0489{32}	4100 Gear 24 500		153-5656	3T-5857
GT12, GT12A, GT12G U1 260		—	—	4100 Narrow 24 500		153-5656	3T-5857
GT12H, GT14H, GT16 U1 260		—	—	4100 Series, 4100HST 24 500		153-5656	3T-5857
GT16G, GT16H, LTX11 U1 260		—	—	4200, 4300, 4400 24 500		153-5656	3T-5857
LTX8 U1 260		—	—	4500, 4600, 4700 24 500		153-5656	3T-5857
Super Chief U1 195		8C-3636	—	5105, 5205 24 500		153-5656	3T-5857
<b>Lawn &amp; Garden Tractors/Mowers</b>				<b>Front Cut Mowers</b>			
42602, 53034, 53039 U1 195		8C-3636	—	F620 26 490		8C-3600	250-0489{32}
42642, 43020, 43032 — —		—	—	F620 U1 340		—	—
43034, 43037, 43043 — —		—	—	<b>Garden Tractors</b>			
53020, 53030, 53034 U1 300		—	—	X300, X304, X320 U1 300		—	—
53039, 53050, 53082 U1 300		—	—	X324, X340 U1 300		—	—
5305, 53082, 53092 U1 195		8C-3636	—	X500, X520, X534 51 435		—	—
53092, 53105, 53107 U1 300		—	—	X540 51 435		—	—
53105 U1 195		8C-3636	—	X700, X720, X720SE U1 340		—	—
53107, 53146, 53148 U1 260		—	—	X724, X724, X724 U1 340		—	—
53200, 53215, 53275 U1 260		—	—	X724, X728, X728SE U1 340		—	—
53215, 53275, 53300 U1 300		—	—	X729 U1 340		—	—
5330, 53300, 53330 U1 260		—	—	X730 - S/N To -030000 U1 300		—	—
53330 U1 300		—	—	X730 - S/N To -030000 U1 300		—	—
Javelin MK11, RE-80 — —		—	—	X730 - S/N To -030000 U1 300		—	—
RE-8E — —		—	—	X730 - S/N To -030000 U1 300		—	—
<b>Riding Rotary Turf Mowers</b>				X730 - After S/N 030001 U1 340		—	—
JTZ 2000, JTZ 2230 U1 260		—	—	X730 - After S/N 030001 U1 340		—	—
Turf Cat 600 26 440		8C-3600	250-0489{32}	X730 - After S/N 030001 U1 340		—	—
Turf Cat 628D 26 440		8C-3600	250-0489{32}	X730 - After S/N 030001 U1 340		—	—
Z-Fast Cat ES U1 260		—	—	X738 - S/N To -030000 U1 300		—	—
<b>JINGLE JIM</b>				X738 - S/N To -030000 U1 300		—	—
J52-Spitfire U1 300		—	—	X738 - S/N To -030000 U1 300		—	—
<b>JOHN DEERE</b>				X738 - S/N To -030000 U1 300		—	—
<b>Alternators</b>				X738 - After S/N 030001 U1 340		—	—
3200, 4000, 5000 22NF 340		—	—	X738 - After S/N 030001 U1 340		—	—
600, 622, 626, 650 U1 340		—	—	X738 - After S/N 030001 U1 340		—	—
<b>Bunker &amp; Field Rake</b>							

35 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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36 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(37)</sup>	Notes (38)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(37)</sup>	Notes (38)	Replacement	
		Option 1	Option 2			Option 1	Option 2
X738- After S/N 030001	U1 340	—	—	3215, 3235, 325, 335	45 470	—	—
X739- S/N To-030000	U1 300	—	—	322, 330, 332, 415	U1 340	—	—
X739- S/N To-030000	U1 300	—	—	330, 650- Diesel	22F 425	3T-5859	369-9958
X739- S/N To-030000	U1 300	—	—	3325	31T 650	175-4370	8C-3628
X739- After S/N 030001	U1 340	—	—	3325, 650, 770	24 550	153-5656	3T-5857
X739- After S/N 030001	U1 340	—	—	3365- w/serial # 840,001 and up	24 550	153-5656	3T-5857
X739- After S/N 030001	U1 340	—	—	3365- w/serial # 001 to 840,001	31T 650	175-4370	8C-3628
X740, X740, X744	51 500	—	—	345, 445, 955, G345	45 470	—	—
X744, X748, X748	51 500	—	—	420, 430, 460	22F 490	369-9958	250-0489
X748SE, X748SE, X749	51 500	—	—	425, 445, 455, 717	U1 340	—	—
X749, X750, X750	51 500	—	—	455- Diesel	45 470	—	—
X750, X750, X754	51 500	—	—	57, 66, 68, 70	U1 260	—	—
X754, X754, X754	51 500	—	—	655- w/serial # 001 to 615,000	22F 425	3T-5859	369-9958
X758	51 500	—	—	67, G110, GT242	U1 300	—	—
X758, X758, X758	51 500	—	—	670- w/serial # 615,000 and up	45 470	—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				727, 737, 757, 777	U1 340	—	—
100, 112L, 50, 56	U1 260	—	—	750	24 550	147 153-5656	3T-5857
1050, 850, 900HC	30H 550	8C-3627	430-5996	750- Diesel	22F 425	147 3T-5859	369-9958
1070, 970	30H 850	430-5996	—	755- w/serial # 001 to 615,000	22F 425	3T-5859	369-9958
108, 110(8 hp), 111	U1 300	—	—	790, 797, F680, F687	U1 340	—	—
110(10 hp)	26R 335	369-9958	250-0489(32)	855- w/serial # 001 to 615,000	22F 425	3T-5859	369-9958
112- w/serial # 001 to 160,000	U1 300	—	—	855- w/serial # 615,000 and up	45 470	—	—
112- w/serial # 160,000 and up	26R 335	369-9958	250-0489(32)	856	22F 425	3T-5859	369-9958
116, 116H, 130, 160	U1 300	—	—	90, 96	27DC 560	—	—
120, 140, 210, 212	22F 335	3T-5859	369-9958	950	30H 550	8C-3627	430-5996
141, 151, 161, 756	22F 425	3T-5859	369-9958	All GX, F510, F525	U1 260	—	—
165, 170, 175, 180	U1 300	—	—	F620, M665	26 490	8C-3600	250-0489(32)
185, 200, 208, 60	U1 300	—	—	G100, GX Heavy Duty	U1 340	—	—
214, 216, 265, 285	22F 335	3T-5859	369-9958	GT Heavy Duty, LX255	45 470	—	—
2243, 240, 260, 2653	U1 340	—	—	GT225, GT235, GT245	45 500	—	—
2653A, 355D-Diesel	45 470	—	—	GT262, GT275, GX70	U1 300	—	—
300, 318, 400	22F 335	3T-5859	369-9958	GX255, GX335, GX345	45 500	—	—
312, 314, 316, 317	22F 590	369-9958	250-0489	GX355, X495 2WS	51 435	—	—
320	22F 490	3T-5859	369-9958	GX75, GX85, GX95	U1 300	—	—
				HD45	U1 175	8C-3636	—
				HD45, R72, R92	U1 195	8C-3636	—

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38 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(39)</sup>	Notes (40)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(39)</sup>	Notes (40)	Replacement	
		Option 1	Option 2			Option 1	Option 2
L100, L110, L120	U1 235	8C-3636	—	1200A, 1200A, 1200A	U1 300	—	—
L118LE, LA105, LA115	U1 300	—	—	<b>Riding Reel Mowers</b>			
L130	U1 235	8C-3636	—	2243- S/N 957000	22F 490	369-9958	250-0489
LA125, LA135, LA145	U1 300	—	—	2243- S/N 957001 Diesel	45 500	—	—
LA165, LA175, LT140	U1 300	—	—	2243- S/N 957001 Gas	U1 340	—	—
LT133, LT150, LT155	U1 255	—	—	2500 Tri-Plex, 2500A	51 500	—	—
LT160, LT166, LT180	U1 255	—	—	2500A, 2500A, 2500A	51 500	—	—
LT16042C, LX172	U1 300	—	—	2500E, 2500E, 2500E	51 500	—	—
LT190, LTR166	U1 255	—	—	2500E, 3225C, 3225C	51 500	—	—
LTR180, SST 16	U1 255	—	—	2653- Gas	U1 340	—	—
LX176, LX178, LX186	U1 300	—	—	2653, 2653A-Diesel	45 500	—	—
LX188, R-72 Rider	U1 300	—	—	2653, 2653A-Diesel	45 500	—	—
LX266, LX277	45 470	—	—	2653A Professional - Diesel	45 500	—	—
LX277AWS, LX279	45 470	—	—	2653A Professional - Diesel	45 500	—	—
LX280 AWS, LX289	U1 340	—	—	2653A Professional - Diesel	45 500	—	—
LX288	45 470	—	—	2653A Professional - Diesel	45 500	—	—
R92, RX75, RX95	U1 300	—	—	2653A Professional - Diesel	45 500	—	—
RX, S80, S82, S83	U1 260	—	—	2653A Professional - Diesel	45 500	—	—
S92, SX & SRX	U1 260	—	—	2653A Professional - Gas	U1 340	—	—
SRX75, SRX95, STX30	U1 300	—	—	2653A Professional - Gas	U1 340	—	—
SST 18	U1 255	—	—	2653A Professional - Gas	U1 340	—	—
STX38, STX46, SX75	U1 300	—	—	2653A Professional - Gas	U1 340	—	—
SX85, SX95, X300	U1 300	—	—	2653A Professional - Gas	U1 340	—	—
X304, X320, X324	U1 300	—	—	3225C, 3225C, 3235C	51 500	—	—
X340	U1 300	—	—	3235C, 3235C, 3235C	51 500	—	—
X465, X475, X485	U1 340	—	—	3245C (Rotary Deck)	51 500	—	—
X495 AWS, X500, X520	51 435	—	—	<b>Riding Rotary Turf Mowers</b>			
Turf Cat 628D	26 440	—	—	1420, 1420, 1420	45 480	—	—
X534, X540	51 435	—	—	1420, 1435, 1435	45 480	—	—
X575, X585, X700	U1 340	—	—	1435, 1435, 1445	45 480	—	—
X595, X595SE-4WD	51 435	—	—	1445, 1445, 1445	45 480	—	—
X720, X720SE, X724	U1 340	—	—	1545, 1545, 1545	45 480	—	—
X728, X728SE, X729	U1 340	—	—	1545, 1565, 1565	45 480	—	—
<b>Lawn Tractors</b>				1565, 1565	45 480	—	—
LA105, LA115, LA125	U1 300	—	—	<b>Turf Mowers</b>			
LA135, LA145, LA165	U1 300	—	—	1420, 1435, 1445	45 470	—	—
LA175	U1 300	—	—	1420, 1435, 1445	45 480	—	—
<b>Riding Bunker and Field Groomers</b>							
1200A	U1 300	—	—				

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40 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(41)</sup>	Notes (42)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(41)</sup>	Notes (42)	Replacement	
		Option 1	Option 2			Option 1	Option 2
1540, 1545, 1565	45 470		—	<b>Utility Vehicles</b>			
1545, 1565	45 480	—	—	1800, Pro Gator 2020	U1 340	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	2020, 2030	U1 300	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	2243- Diesel	22F 425	3T-5859	369-9958
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Gator 4x2, Gator 6x4	U1 300	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Gator 6x4- Diesel	U1 340	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Golf Carts	GC2 —	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Pro Gator 2030	U1 340	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Trail Gator 4x2	U1 300	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	Trail Gator 6x4	U1 300	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	<b>Vacuum Sweeper</b>			
1600 Turbo Wide Area	27 650	153-5656	8C-3601	162	22F 425	3T-5859	369-9958
1600 Turbo Wide Area	27 650	153-5656	8C-3601	<b>Walk-Behind Mowers</b>			
1600 Turbo Wide Area	27 650	153-5656	8C-3601	32, 36, 48, 52	U1 300	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	GS30, GS45, GS75	U1 175	8C-3636	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	HD75	U1 175	8C-3636	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	<b>Waste Handler</b>			
1600 Turbo Wide Area	27 650	153-5656	8C-3601	624 J- 4WD	30H 625	15	430-5996
1600 Turbo Wide Area	27 650	153-5656	8C-3601	<b>Zero-Turn Mowers</b>			
1600 Turbo Wide Area	27 650	153-5656	8C-3601	647, 647A QuikTrak	U1 340	—	—
1600 Turbo Wide Area	27 650	153-5656	8C-3601	657, 657A QuikTrak	U1 340	—	—
1620	27 650	153-5656	8C-3601	667, 667A QuikTrak	U1 340	—	—
3325	24 550	153-5656	3T-5857	717A Mini Z-Trak	U1 340	—	—
F1145- 4WD	45 470		—	727A Mini Z-Trak	U1 340	—	—
F510, F525	U1 340	—	—	737, 737 Mid Z-Trak	U1 340	—	—
F710, F725, F910	22F 490	369-9958	250-0489	757, 757 Mid Z-Trak	U1 340	—	—
F725	22F 491	369-9958	250-0489	777, 777 Max Z-Trak	U1 340	—	—
F735	45 500	—	—	797, 797 Max Z-Trak	U1 340	—	—
F910, F911, F915	26 490	8C-3600	250-0489(32)	F680, M653, M655	45 500	—	—
F912, F915, F930	22F 490	369-9958	250-0489	F687 Front Z-Trak	U1 340	—	—
F925, F930, F932	26 490	8C-3600	250-0489(32)	Z-Trak M653	26 490	8C-3600	250-0489(32)
F935	22F 490	3T-5859	369-9958	Z-Trak M655	26 490	8C-3600	250-0489(32)
F935	26 490	8C-3600	250-0489(32)	Z-Trak M665	26 490	8C-3600	250-0489(32)
				Z-Trak Pro Z910A	U1 340	—	—
				Z-Trak Pro Z920A	U1 340	—	—
				Z-Trak Pro Z925A	U1 340	—	—
				Z-Trak Pro Z930A	U1 340	—	—
				Z-Trak Pro Z950A	U1 340	—	—
				Z-Trak Pro Z960A	U1 340	—	—
				Z-Trak Pro Z970A	U1 340	—	—
				Z-Trak Z710A	U1 340	—	—
				Z-Trak Z720A	U1 340	—	—

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42 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(45)</sup>	Notes (46)	Replacement	
		Option 1	Option 2
Mule 520, Mule 550	— —	—	—
<b>KEES</b>			
<b>Commercial</b>			
48, 60, ZT Max Rider	U1 260	—	—
Mid Max	U1 340	—	—
<b>KIOTI</b>			
DK 35	24 465	153-5656	3T-5857
DK 40	34 710	127-0826	430-5997
DK 45, DK 50C	31A 1000	430-5996	—
LB 1914, LK 2554	24 650	127-0826	—
LK 2552, LK 2554	27 750	127-0826	430-5997
LK 3050	27 750	127-0826	430-5997
LK 3054	24 650	127-0826	—
<b>KUBOTA</b>			
<b>BX Series Sub-Compact Tractor</b>			
BX 1500, BX 1800	26 450 17	8C-3600	250-0489(32)
BX 22	26R 450 17	369-9958	250-0489(32)
BX 2200, BX1850	26 450 17	8C-3600	250-0489(32)
BX2350	26 450 17	8C-3600	250-0489(32)
<b>Garden Tractors</b>			
BX1850, BX2350	26 450	8C-3600	250-0489(32)
BX1850, BX2350	26R 450	369-9958	250-0489(32)
G1800, G1900, G2160	51R 450	—	—
G2160-R48	51R 450	—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>			
All L Series	27 560	153-5656	8C-3601
All M Series	27 560	153-5656	8C-3601
B1550, B1750, B20	22NF 340	—	—
B1700, B2100, B2400	U1 340	—	—
B21, B7300, B7400	51 450	—	—
B2150, B4200, B5200	22NF 340	—	—
B2410	51R 405	—	—
B2710, B2910, B7300	51R 450	—	—
B5100, G3200, G4200	U1 285 52	—	—
B6100	— —	—	—
B6200, B7100, T1640	22NF 340	—	—
B6200HST, B7200	24F 585	3T-5858	250-0487
B7200HST, B8200	24F 585	3T-5858	250-0487
B7400, B7400HSD	51R 450	—	—
B7500, B7500DT/HSD	U1 340	—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(45)</sup>	Notes (46)	Replacement	
		Option 1	Option 2
B7500, B7800, L35	51 450	—	—
B7800, G1800, G1800S	51R 450	—	—
B8200HST, B9200	24F 585	3T-5858	250-0487
B9200HST	24F 585	3T-5858	250-0487
G1900, G1900S, G2000	51R 450	—	—
G2000, G2000S, G6200	U1 260	—	—
G2000S, G2160	51R 450	—	—
G2160-R48	51R 450	—	—
G2160-R485	51R 450	—	—
G2160D-R485, G2460	51R 450	—	—
G2460G, LA271	51R 450	—	—
G5200	U1 285 52	—	—
GF2010, GF2110	U1 285	—	—
GR2000, GR2100	U1 285	—	—
K2260, K2560, K3060	25 450	250-0488	8C-3600
L185, L235-Optional	30H 550	8C-3627	430-5996
L245, L260, L275	24F 550	3T-5858	250-0487
L2500, L2650, L2950	24F 490	3T-5858	250-0487
L2600, L2800, L2900	24 585	153-5656	3T-5857
L275, L285-Optional	30H 550	8C-3627	430-5996
L285, L295, L305	24F 550	3T-5858	250-0487
L295, L305-Optional	30H 550	8C-3627	430-5996
L3000, L3000DT	24 585	153-5656	3T-5857
L3000F, L3010, L3130	24 585	153-5656	3T-5857
L3300, L3430, L3710	24 585	153-5656	3T-5857
L3410	24F 490	3T-5858	250-0487
L345, L355SS	24F 550	3T-5858	250-0487
L345, L355SS-Optional	30H 550	8C-3627	430-5996
L35	24 490	153-5656	3T-5857
L3600, L4000, L4200	27 450	153-5656	8C-3601
L4300, L4310, L4330	24 585	153-5656	3T-5857
L4630, L5030, LL2500	24 585	153-5656	3T-5857
M110, M120	4DLT 770	153-5700(30)	8C-3622
M4000, M4050, M4500	30H 525	8C-3627	430-5996

**45 IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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46 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(47)</sup>	Notes (48)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(47)</sup>	Notes (48)	Replacement		
		Option 1	Option 2			Option 1	Option 2	
M4700, M5400, M6800	31A 700		430-5996	127-0826{29}	3385 WTD, 3696 WTD	26 550	8C-3600	250-0489{32}
M8030, M8200, M9000	31A 700		430-5996	127-0826{29}	3682, 3696, 4520	26R 525	369-9958	250-0489{32}
M9580	29H 660		430-5996	—	421D, 425HD	26 525	8C-3600	250-0489{32}
PX2100	U1 260		—	—	425 MD	26 550	8C-3600	250-0489{32}
T1400, T1460, T1500	U1 285		—	—	<b>Golf Course Mowers</b>			
T1560, T1570, T1600	U1 285		—	—	321 D, 420D	26 550	8C-3600	250-0489{32}
T1600H, T1670	U1 285		—	—	<b>Zero-Turn Mowers</b>			
T1700HX, T1700X	U1 285		—	—	3682, 3696	26R 525	369-9958	250-0489{32}
T1760, T1770, T1860	U1 285		—	—	4520	26 525	8C-3600	250-0489{32}
T1870, T1880, T2080	U1 285		—	—	<b>LAWN BOY (GILSON)/TORO</b>			
T2380	U1 285		—	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
TG1860	51R 450		—	—	333, 335, 5802, 5803	— —	—	—
LK 3054	24 650		127-0826	—	52138 (12 Hp)	U1 175	8C-3636	—
<b>Tiller</b>					52140 (16 Hp)	U1 235	8C-3636	—
AD70 - Diesel	U1 260		—	—	52142 (11 Hp)	U1 175	8C-3636	—
ADT 70S	— —		—	—	52144 (8 Hp)	U1 175	8C-3636	—
<b>Lawn Tractors</b>					52145 (12 Hp)	U1 175	8C-3636	—
T1880, T2080, T2380	U1 285		—	—	52149 (Hydro 12 Hp)	U1 175	8C-3636	—
<b>Riding Rotary Turf Mowers</b>					52161 (Hydro 12.5 Hp)	U1 175	8C-3636	—
F150S, F260S, F300S	— —		—	—	52161 (Hydro 12.5 Hp)	U1 235	8C-3636	—
F2100, F2400, F2560E	25 450		250-0488	8C-3600	52163 (14 Hp)	U1 235	8C-3636	—
F2260, F2560, F3060	26 450		8C-3600	250-0489{32}	52164 (16 Hp)	22F 350	3T-5859	369-9958
GF1800	51R 450		—	—	53084 (18 Hp)	22F 350	3T-5859	369-9958
GF1800, GF1800E	51R 450		—	—	7258E, 7259E, 7260E	— —	—	—
<b>Turf Mowers</b>					8227E, 8228E, 8229E	— —	—	—
ZD18, ZD18F, ZD21	26R 450		369-9958	250-0489{32}	8229EA, 8233E	— —	—	—
ZD18, ZD21 - Diesel 26R	450 340		369-9958	250-0489{32}	9303ES, 9325ES	U1 260	—	—
ZD21F, ZD25F, ZD28	26R 450		369-9958	250-0489{32}	9328E, 9328ES, 9329E	U1 260	—	—
ZD28F	26R 450		369-9958	250-0489{32}	9329ES - Prior to 1975	U1R 195	—	—
<b>Utility Vehicles</b>					9365ES, 9368E	U1 260	—	—
Mule 2500	— —		—	—	9368ES, 9369ES	U1 260	—	—
RTV900 4x4 - Diesel	26R 540		369-9958	—	9369ES - Prior to 1975	U1R 195	—	—
<b>Zero-Turn Mowers</b>					ES Series	U1R 175	—	—
FZ2100, FZ2400	26 450		8C-3600	250-0489{32}	GT18, GT18H	26R 350	369-9958	250-0489{32}
ZD321	51R 450		—	—	LT11, LT12, LT12.5G	U1 195	8C-3636	—
ZD323, ZD326, ZD331	51R 475		—	—	LT12H	U1 195	8C-3636	—
ZD326P, ZD331	51R 475		—	—	RE 12e, RE 8e	U1 175	8C-3636	—
ZG20, ZG222, ZG227	U1 285		—	—	YT-16	U1 340	—	—
ZG23	U1 285		—	—	<b>LAWN CHIEF</b>			
ZG327	U1 300		—	—	<b>See General Power</b>			
ZG332, ZP330	51R 475		—	—				
<b>LASTEC</b>								
2861 FG, 2961 FG	26 550		8C-3600	250-0489{32}				

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48 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(49)</sup>	Notes (50)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(49)</sup>	Notes (50)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>LAWN GENERAL (MURRY)</b>							
<b>Lawn &amp; Garden Tractors/Mowers</b>							
12.5Hp/38, 17.5Hp/46	U1 340		—			—	—
20.0Hp/52	U1 340		—			—	—
<b>LESCO</b>							
<b>Walk-Behind Mowers</b>							
024952, 026348	U1 245		8C-3636			—	—
030248, 030252	U1 245		8C-3636			—	—
701079, 701080	U1 245		8C-3636			—	—
<b>Zero-Turn Mowers</b>							
52ZTR	U1 190		8C-3636			—	—
LCR 2200 Tractor	24 525		153-5656			3T-5857	—
Viper	U1 245		8C-3636			—	—
<b>LOCKE-DEVERE</b>							
10, 12, 21, 22, 23	22NF 390		—			—	—
3, 5, 6, 8, 8/23	22NF 390		—			—	—
<b>MAGNUM</b>							
1446, 506	22NF 340		—			—	—
781-MF and up, 834	22NF 340		—			—	—
953-M4, MF-10	22NF 340		—			—	—
MF-10, MF-12, MF-7	U1 195		8C-3636			—	—
MF-10S/N, MF-12	22NF 340		—			—	—
MF-12S/N	22NF 340		—			—	—
MF-14, MF-16	24 330		153-5656			3T-5857	—
MF-8 Hydra-spnd	U1 195		8C-3636			—	—
MF-8 electric	U1 195		8C-3636			—	—
MF1200, MF1450	22F 425		3T-5859			369-9958	—
MF1650, MF1655	22F 425		3T-5859			369-9958	—
MF1855, MF85	22F 425		3T-5859			369-9958	—
<b>MASSEY-FERGUSON</b>							
<b>Garden Tractors</b>							
2723H	22F 390		3T-5859			369-9958	—
2723H, 2825H, 2875H	U1 200		8C-3636			—	—
2927H, 2927LC	51 500		—			—	—
<b>Lawn Tractors</b>							
2518H, 2520H, 2522H	U1 200		8C-3636			—	—
2524H, 2620H	U1 200		8C-3636			—	—
<b>MASSEY-FERGUSON, INC.</b>							
<b>Compact Tractors</b>							
1446, 506	22NF 340		—			—	—
781-M4 & up, 834	22NF 340		—			—	—
953-M4, MF10S/N	22NF 340		—			—	—
MF-10, MF-12, MF-7	U1R 200		—			—	—
3682, 3696, 4520	26R 525		—			—	—
MF-1010	29NF 300		—			—	—
MF-1020, MF-1030	24 470		153-5656			3T-5857	—
MF-1040, MF-205	24 470		153-5656			3T-5857	—
MF-210, MF-220	24 470		153-5656			3T-5857	—
MF-8, MF-8 Hydra-Spd	U1R 200		—			—	—
MF12S/N	22NF 340		—			—	—
MF14, MF16	24 465		153-5656			3T-5857	—
MF6 Electric	— —		—			—	—
MF832 Electric	— —		—			—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>							
1205, 1225, 2820H	51 450	27	—			—	—
1231, 1232, 1235	24 200		153-5656			3T-5857	—
1244	24 200		153-5656			3T-5857	—
2316H	U1 300		8C-3636			—	—
2409G, 2411G, 2512G	U1 200		8C-3636			—	—
2412H, 2413H, 2414H	U1 230		8C-3636			—	—
2512GT, 2512H, 2514G	U1 200		8C-3636			—	—
2514H, 2515G, 2515H	U1 200		8C-3636			—	—
2516H, 2517H, 2518H	U1 200		8C-3636			—	—
2520H, 2522H, 2524H	U1 200		8C-3636			—	—
2614H, 2615H, 2615HC	U1 200		8C-3636			—	—
2616C, 2616H, 2620H	U1 200		8C-3636			—	—
2618H, 2716H, 2717H	U1 340		—			—	—
2718H	U1 340		—			—	—
2720H, 2825H, 2875H	U1 200		8C-3636			—	—
2723H- Optional	U1 200		8C-3636			—	—
2723H, 2818 PS	22F 390		3T-5859			369-9958	—
2818H, 2918H, 2920H	22F 390		3T-5859			369-9958	—
2820HPS, 2823HPS	51 450	27	—			—	—
2920LC, 2923H, 2924D	51 450	27	—			—	—
2925H	51 450	27	—			—	—
2927H, 2927LC	51 500		—			—	—
MF1200, MF1450	26R 390		369-9958			250-0489(32)	—
MF1650, MF1655	26R 390		369-9958			250-0489(32)	—
MF1855, MF85	26R 390		369-9958			250-0489(32)	—

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50 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(51)</sup>	Notes (52)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(51)</sup>	Notes (52)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Zero-Turn Mowers</b>				ST1500, ST1510	—	—	—
MFZT29, MFZT33	U1 340		—	ST1520, ST1550	—	—	—
ZT14H, ZT16, ZT16H	U1 200		8C-3636	ST2001, ST2300	—	—	—
ZT1850	U1 340		—	<b>MONTGOMERY WARD</b>			
ZT18H	U1 200		8C-3636	1300-1400 Series	U1 260		—
<b>MAXIM</b>				33000	26R 450		369-9958 250-0489(32)
<b>Handy-Haul Carts</b>				99 & Under Series	—	—	—
MHH85BE4T	U1 250		8C-3636	<b>MORIDGE MFG., INC.</b>			
<b>Rear Engine Riding Mowers</b>				<b>See Also Grass Hopper</b>			
BEICHP, M 830	U1 250		8C-3636	1210, 1622, 1822	U1 260		—
M1230 BEIC, M30 BEIC	U1 250		8C-3636	<b>MOWETT SALES</b>			
M830 B, M830 BEIC	U1 250		8C-3636	<b>(Mustang)</b>			
M830 BEICHP	U1 250		8C-3636	248E	U1 165		8C-3636
MH1230 BEIC	U1 250		8C-3636	All Electric Start	U1 165		8C-3636
<b>Zero-Turn Mowers</b>				Mustang	U1 165		8C-3636
Z3014, Z3014 BVG	U1 250		8C-3636	<b>MTD PRODUCTS</b>			
Z4214, Z4214 BVG	U1 250		8C-3636	385- Prior to 1980	U1 260		—
Z4216, Z4216 BVG	U1 250		8C-3636	385, 395- 1980 & After	—	—	—
Z4220, Z4220 BVG	U1 250		8C-3636	395- Prior to 1980	U1 260		—
Z4316 BVG, Z4816	U1 250		8C-3636	410, 412, 435, 445	—	—	—
Z4816 BVG, Z4820	U1 250		8C-3636	465- Prior to 1980	U1 260		—
Z4820 BVG	U1 250		8C-3636	465, 485- 1980 & After	—	—	—
<b>MCDONOUGH POWER EQUIPMENT, INC.</b>				466, 489, 495, 500	—	—	—
25062S, 26062S	U1R 195		—	485- Prior to 1980	U1 260		—
25083, 250835, 2652S	U1 260		—	497- Prior to 1980	U1 260		—
2681S, 2810WS	U1R 195		—	497, 525- 1980 & After	—	—	—
2880WS, 3010WS	U1R 195		—	525- Prior to 1980	U1 260		—
3081ES, 33113S	U1R 195		—	526, 542, 600, 632	—	—	—
3081S	U1 260		—	642, 660, 672, 682	—	—	—
4210WS	U1R 195		—	698	—	—	—
<b>MINNEAPOLIS-MOLINE</b>				760- Prior to 1980	U1 260		—
All models	U1 260		—	760- 1980 & After	—	—	—
<b>MITSUBISHI</b>				775- Prior to 1989	—	—	—
160, 180, MT160D	22NF 340		—	775, 795- 1989 & After	—	—	—
210, 250, MT210	24 330		153-5656	795- Prior to 1989	—	—	—
D1500, D2000, D2300	—	—	—	796- Prior to 1989	—	—	—
D2350, D2600, D2650	—	—	—	796, 812- 1989 & After	—	—	—
D3250, M1301, S630	—	—	—	812- Prior to 1989	U1 260		—
MT180, MT180HMD	22NF 340		—	852- Prior to 1989	U1 260		—
MT180D	26R 450		369-9958	852- 1989 & After	—	—	—
MT250	24 330		153-5656	960, 990	22NF 340		—
MT250D	24 465		153-5656	B560B, E451F, H661F	U1 150		8C-3636

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52 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(53)</sup>	Notes (54)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(53)</sup>	Notes (54)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Zero-Turn Mowers</b>				<b>Zero-Turn Mowers</b>			
G695G, M660G, Q665H	U1 270	—	—	39044, 40700, 40708	U1R 230	—	—
L450C, L660F	U1 150	8C-3636	—	40530, 42560, 46379	U1 250	8C-3636	—
MMZ2254, MMZ2560	U1 190	8C-3636	—	40713	U1 195	8C-3636	—
S825H	U1 270	—	—	4166, 4266	U1R 195	—	—
<b>Walk-Behind Mowers</b>				<b>Walk-Behind Mowers</b>			
1748F, 1848F, 1852H	U1 300	—	—	4169, 4297, 5-31704	U1 260	—	—
2054F, 2260F	U1 300	—	—	46560, 48560, 52370	U1 250	8C-3636	—
<b>Zero-Turn Mowers</b>				<b>Zero-Turn Mowers</b>			
Z2256, Z2554	U1 300	—	—	5-36506, 5-36508	U1 260	—	—
<b>MURRAY OHIO MFG. CO.</b>				<b>MURRAY OHIO MFG. CO.</b>			
<b>Outdoor Power Equipment/Tractors</b>				<b>Outdoor Power Equipment/Tractors</b>			
10 Hp/30in. & 12 Hp/38in.	U1 230	8C-3636	—	5-36523, 5-36528	U1 260	—	—
12.5 Hp/38in.	U1 230	8C-3636	—	5-38205, 5-38206	U1 260	—	—
12.5 Hp/40in., 13 Hp	U1 230	8C-3636	—	5-39004, 5-40700	U1 260	—	—
12/38, 12/40, 14/40	U1 195	8C-3636	—	5-40701	U1 260	—	—
13.5 Hp, 14 Hp/40in.	U1 230	8C-3636	—	6-3050 2X4, 6-30502	— —	—	—
14 Hp/46in.	U1 230	8C-3636	—	6-3070 2X4, 6-30702	— —	—	—
14.5 Hp/42in.	U1 230	8C-3636	—	7-30502	— —	—	—
14/46	U1 195	8C-3636	—	All Electric Start	U1 260	—	—
15.5 Hp, 16 Hp/42in.	U1 230	8C-3636	—	<b>Walk-Behind Mowers</b>			
16 Hp/46in., 17.5 Hp	U1 230	8C-3636	—	20705 X6, 20705 X92	U1 165	8C-3636	—
17.5 Hp/46in.	U1 230	8C-3636	—	<b>MUSTANG</b>			
18 Hp/42in.	U1 230	8C-3636	—	<b>See Mowett</b>			
18 Hp/46in.	U1 230	8C-3636	—	<b>NEW HOLLAND (L &amp; G)</b>			
18 Hp/46in. LTX	U1 230	8C-3636	—	<b>Compact Tractors</b>			
18.5 Hp/46in. GT	U1 230	8C-3636	—	MC28, MC35	35 450	250-0487	369-9958
18/42(4 & 5 speed)	U1 195	8C-3636	—	TC18, TC21, TC24D	24 450	153-5656	3T-5857
18Hp/46in. GT	U1 230	8C-3636	—	TC24D, TC29D-Optional	51 450	—	—
20 Hp/52in., 38500	U1 250	8C-3636	—	TC25, TC29, TC29D	24 450	153-5656	3T-5857
2523, 3033, 3035	— —	—	—	TC33, TC33D, TC35	24 450	153-5656	3T-5857
30545	U1 190	8C-3636	—	TC33D, TC35D-Optional	51 450	—	—
31515, 31704, 35560	U1 195	8C-3636	—	TC35D, TC40, TC45	24 450	153-5656	3T-5857
35500	—	—	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
35500, 38204, 38205	U1R 230	—	—	GT18, GT20, GT22	U1 200	8C-3636	—
3613, 3623, 3633	U1 260	—	—	GT20A, GT22A, MY17	U1 340	—	—
36502, 36506, 36508	U1 195	8C-3636	—	LS35, LS45, LS55	U1 280	—	—
36519, 36523, 36534	U1 195	8C-3636	—	MC Series	24F 450	3T-5858	250-0487
3653, 3656, 3662	U1 260	—	—	MY16, MZ14H	U1 280	—	—
36557, 36560, 38219	U1 195	8C-3636	—	MY19	U1 340	—	—
3666, 3667, 3697	U1 260	—	—	MZ16H, MZ17H, MZ18H	U1 260	—	—
38206, 38211, 38219	U1R 230	—	—	MZ19H	U1 260	—	—
39044- 1985 & After	U1R 230	—	—	TC Series	51 450	—	—
<b>MURRAY OHIO MFG. CO.</b>				<b>NOMA</b>			
<b>Outdoor Power Equipment/Tractors</b>				<b>(Div. of Murray, Inc.)</b>			
10 Hp/30in. & 12 Hp/38in.	U1 230	8C-3636	—	13543 Signature	U1 190	8C-3636	—
12.5 Hp/38in.	U1 230	8C-3636	—	14.5 Hp/ 43in.	U1 190	8C-3636	—
12.5 Hp/40in., 13 Hp	U1 230	8C-3636	—				
12/38, 12/40, 14/40	U1 195	8C-3636	—				
13.5 Hp, 14 Hp/40in.	U1 230	8C-3636	—				
14 Hp/46in.	U1 230	8C-3636	—				
14.5 Hp/42in.	U1 230	8C-3636	—				
14/46	U1 195	8C-3636	—				
15.5 Hp, 16 Hp/42in.	U1 230	8C-3636	—				
16 Hp/46in., 17.5 Hp	U1 230	8C-3636	—				
17.5 Hp/46in.	U1 230	8C-3636	—				
18 Hp/42in.	U1 230	8C-3636	—				
18 Hp/46in.	U1 230	8C-3636	—				
18 Hp/46in. LTX	U1 230	8C-3636	—				
18.5 Hp/46in. GT	U1 230	8C-3636	—				
18/42(4 & 5 speed)	U1 195	8C-3636	—				
18Hp/46in. GT	U1 230	8C-3636	—				
20 Hp/52in., 38500	U1 250	8C-3636	—				
2523, 3033, 3035	— —	—	—				
30545	U1 190	8C-3636	—				
31515, 31704, 35560	U1 195	8C-3636	—				
35500	—	—	—				
35500, 38204, 38205	U1R 230	—	—				
3613, 3623, 3633	U1 260	—	—				
36502, 36506, 36508	U1 195	8C-3636	—				
36519, 36523, 36534	U1 195	8C-3636	—				
3653, 3656, 3662	U1 260	—	—				
36557, 36560, 38219	U1 195	8C-3636	—				
3666, 3667, 3697	U1 260	—	—				
38206, 38211, 38219	U1R 230	—	—				
39044- 1985 & After	U1R 230	—	—				

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54 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(55)</sup>	Notes (56)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(55)</sup>	Notes (56)	Replacement	
		Option 1	Option 2			Option 1	Option 2
14.5 Hp/40in. U1 190		8C-3636	—	P01742ST, P017H42ST U1R 230		—	—
14450 Signature U1 190		8C-3636	—	P145H42, PB19546LT U1R 230		—	—
15Hp/43in., 1643P U1 250		8C-3636	—	PB195H42LT U1R 230		—	—
16Hp/43in. U1 250		8C-3636	—	PB195H46YT U1R 230		—	—
18 Hp/43in. Command U1 250		8C-3636	—	PB22H46YT, PB22H54YT U1R 280		—	—
1846P, 2046P U1 250		8C-3636	—	PBGT26H54 U1R 280		—	—
19 Hp/46in., Premier U1 190		8C-3636	—	PD Series- 28AH U1R 230		—	—
320805 — —		—	—	PD10PH48ST U1R 230		—	—
321050 thru 321054 — —		—	—	PD18H42ST, PD18HST U1R 230		—	—
328000 thru 328018 — —		—	—	PD204ST, PD20PH48ST U1R 230		—	—
360100, 360101 — —		—	—	PD25PH48ST U1R 230		—	—
Automatic Drive U1 250		8C-3636	—	PDGT20H48ST U1R 230		—	—
Command 18 Hp/43in. U1 250		8C-3636	—	PDGT26H48, PP11536 U1R 230		—	—
GT 18 Hp/46in. U1 250		8C-3636	—	PK Series U1R 290		—	—
GT 18Hp/43in. U1 250		8C-3636	—	PP125H38, PP1338 U1R 230		—	—
GTI-1646, GTX-1846 U1 250		8C-3636	—	PP1388, PP14542 U1R 230		—	—
LT-1239, LX-1240 U1 250		8C-3636	—	PP1536, PP155H42 U1R 230		—	—
LXI-1340, LXI-1440 U1 250		8C-3636	—	PP16H42, PP1844 U1R 230		—	—
LXI-1646 U1 250		8C-3636	—	PP1846A, PP18H46 U1R 230		—	—
<b>OUTDOOR POWER EQUIPMENT</b>				<b>POWER CURBERS</b>			
<b>(FMC Corp. - See Bolens)</b>				<b>Slip-Form Power</b>			
<b>POLOREN PRODUCTS</b>				3500, 440, 5500 24 625 153-5656 3T-5857			
<b>(Garden Pro)</b>				5700, 5700B, 6700 24 625 153-5656 3T-5857			
10033J, 5500M, 5501M — —		—	—	8700, Extrader-150 24 625 153-5656 3T-5857			
6502M, 6503M, 6504M U1R 195		—	—	S700-B 24 625 153-5656 3T-5857			
8900 Series U1 340		—	—	<b>POWER KING</b>			
8902B, 8903B, 8904B U1 195		8C-3636	—	<b>Garden &amp; Compact Tractors</b>			
8905B, 9902M, 9903M U1 195		8C-3636	—	1212, 1214, 1220HV U1 300 — —			
9503M U1R 195		—	—	1218 HV, 1618 GV 22NF 390 — —			
9900 Series U1 340		—	—	1218, 1614, 1617 26R 460 369-9958 250-0489(32)			
9904M, 9905M U1 195		8C-3636	—	1618, 1620, 2414 26R 460 369-9958 250-0489(32)			
<b>POULAN</b>				1620 GV, 1622HV 22NF 460 — —			
<b>Garden &amp; Compact Tractors</b>				1620HV 22NF 390 — —			
26 Hp Hydro U1R 230		—	—	2417, 2418 26R 460 369-9958 250-0489(32)			
All Others U1 195		8C-3636	—	UT620 HV, UT622 HV 22NF 460 — —			
BB Series Other U1R 290		—	—	<b>POULAN PRO</b>			
BB185H42YT U1R 230		—	—	<b>Garden Tractors</b>			
DB Series- 28AH U1R 230		—	—	PBGT26H54 U1R 280 — —			
DB Series, P01538 U1R 230		—	—				
EXG1182V, XEG1182H U1 230		8C-3636	—				

55 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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56 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(57)</sup>	Notes (58)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(55)</sup>	Notes (56)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Lawn Tractors</b>				RG20, RG20HD, RG50	U1R 230		3T-5858 250-0487
PB19546LT	U1R 230		—	RG20HD- Optional	26R 450		369-9958 250-0489(32)
PB195H42LT	U1R 230		—	RG50- Optional	35 450		250-0487 369-9958
PB195H46YT	U1R 230		—	<b>RICH MFG.</b>			
PB22H46YT, PB22H54YT	U1R 280		—	1700K, 1700KL, 1700L	U1 260		— —
PB22H46YT, PB22H54YT	U1R 280		—	1800, 2000, 2000L	U1 260		— —
<b>RALLY</b>				2200, 2200L, 2500	U1 260		— —
<b>Lawn &amp; Garden Tractors/Mowers</b>				2500L	U1 260		— —
10 Hp, 11 Hp, 12 Hp	U1 300		—	LP Series Chassis Models	U1 260		— —
1036, 1238, 1438	U1R 300		—	LP Series Deck Models	U1 260		— —
14 Hp, 16 Hp, 18 Hp	U1 300		—	<b>Zero-Turn Mowers</b>			
GT250, RL1844	U1R 300		—	1700K, 1700KL	U1 260		— —
<b>RAM POWER EQUIPMENT</b>				WR-1700, WR-2000	U1 260		— —
<b>Chippers/Shredders</b>				WR-2200, WR-2500	U1 260		— —
13/24, 16/24, 20/30	U1 340		—	<b>ROFF MFG. COMPANY</b>			
30/25DH, 30/25H	U1 340		—	30-N7-3, 30-N8-E	U1R 260		— —
30/50DH	U1 340		—	492683, 493071	U1 260		— —
<b>Stumpers</b>				493081, 93071	U1 260		— —
13/PT, 20PT, 20PT-HD	U1 340		—	830-E	U1R 260		— —
20SPH, 20SPH-HD	U1 340		—	MR-8	22NF 340		— —
<b>RANSOMES</b>				NE-8, NR-8	26R 540		369-9958 250-0489(32)
<b>Lawn &amp; Garden Tractors/Mowers</b>				<b>ROPER SALES CORPORATION</b>			
723D	26 450		8C-3600	022, 322, 323, 622	U1 300		— —
951 - Diesel	24 550		153-5656	10HP-18HP	U1 260		— —
951D	24 550		153-5656	632, 633, 822, 863	U1 300		— —
All 200 Series	U1 300		—	962927, 96444, 96927	— —		— —
Bobcat Walk-behind	U1 300		—	96941, K522, K832	— —		— —
Bobcat ZT 100	U1 300		—	K852, L722, L72256R	— —		— —
Bobcat ZT 2000	U1 300		—	K9224AR, K922PRA	— —		— —
Cushman Groom Master	24 500		153-5656	K9324AAR, K932PRA	— —		— —
FM74-S, T-22DV	26R 450		369-9958	L063	U1 300		— —
T-16K, T-1861	U1 300		—	L8000AT	— —		— —
T-28WCG, T22DV	26R 450		369-9958	<b>ROPER/RALLY</b>			
T28WCG	26R 450		369-9958	10HP, 11HP, 12HP	U1 260		— —
T3100 rider	U1 300		—	14HP, 16HP, 18HP	U1 260		— —
<b>RAVCO</b>				<b>SABRE</b>			
<b>Stump Cutters</b>				<b>(by John Deere)</b>			
RG13	24F 460		3T-5858	<b>Lawn &amp; Garden Tractors</b>			
RG13, RG20-Optional	26R 450		369-9958	1438GS, 1438HS	U1 230		8C-3636 —
RG1625 Super Jr.	24F 460		3T-5858	1538GS, 1538HS	U1 230		8C-3636 —
RG1625 Super Jr.-Optional	35 450		250-0487	1542GS, 1542HS	U1 230		8C-3636 —

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58 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(59)</sup>	Notes (60)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(59)</sup>	Notes (60)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Lawn Tractors</b>				Tiger Cat, Tiger Cub	U1 220	8C-3636	—
1642GS, 1642HS	U1 230	8C-3636	—	Turf Tiger, Wild Cat	U1 220	8C-3636	—
1642HV, 1646HS	U1 230	8C-3636	—	Z Cat	U1 220	8C-3636	—
1646HV, 1742GS	U1 230	8C-3636	—	<b>SCOTTS</b>			
1742HS, 1842GV	U1 230	8C-3636	—	<b>(by Murray)</b>			
1842HV, 1843HV	U1 230	8C-3636	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
1846HV, 1848GV	U1 230	8C-3636	—	42531X8, 42561X8	U1 250	8C-3636	—
1848HV, 1948GV	U1 230	8C-3636	—	46561X8, 46562X8	U1 250	8C-3636	—
1948HV, 2046HV	U1 230	8C-3636	—	50560X8, 50563X8	U1 250	8C-3636	—
2048HV, 2148HV	U1 230	8C-3636	—	S1642, S1742, S2046	U1 230	8C-3636	—
2254HV, 2354HV	U1 230	8C-3636	—	S2048, S2546, S2554	U1 260	8C-3636	—
2554HV	U1 230	8C-3636	—	<b>SEARS</b>			
<b>SAKAI</b>				131.96927	— —	—	—
SW Series, SW300	24 575	153-5656	3T-5857	131.969310	— —	—	—
SW320, SW330	24 575	153-5656	3T-5857	131.96941, 131.96970	— —	—	—
<b>SALACO</b>				25424, 25431, 25432	U1 300	—	—
84 Series	U1 260	—	—	25434, 25435, 25474	U1 300	—	—
86 Series	24F 575	3T-5858	250-0487	255113, 255120	— —	—	—
Mini Asphalt Paver	U1 260	—	—	255212, 255221	— —	—	—
<b>SCAG</b>				255223, 25523	— —	—	—
<b>Commercial Walk-Behind Mowers</b>				255232, 25526, 25527	— —	—	—
SW, SWZ	U1 220	8C-3636	—	255240, 255250	— —	—	—
<b>Riding Rotary Turf Mowers</b>				25541, 25558, 25582	U1 300	—	—
STHM	U1 220	8C-3636	—	256128, 256135	U1 300	—	—
<b>Zero-Turn Mowers</b>				256321, 256575	U1 300	—	—
FREEDOM Z, Tiger Cat	U1 220	8C-3636	—	256576, 256619	U1 300	—	—
Turf Tiger	U1 220	8C-3636	—	25700, 25701, 25710	U1 300	—	—
<b>SCAG POWER EQUIPMENT</b>				25760, 2577, 25780-1	U1 300	—	—
Freedom Z, ST-Series	U1 220	8C-3636	—	502.23365, 502.23366	U1R 195	—	—
STG-Series, STH-13KA	U1 220	8C-3636	—	502.25538, 502.25565	U1 260	—	—
STH-13KH, STH-14BV	U1 220	8C-3636	—	502.25566	U1 260	—	—
STH-14KH, STH-18KH	U1 220	8C-3636	—	502.256050	— —	—	—
STH-20KH, STHM	U1 220	8C-3636	—	502.256051	— —	—	—
STHM 61, STHM 72	U1 220	8C-3636	—	502.256060	— —	—	—
STHM Series	U1 220	8C-3636	—	502.256061	— —	—	—
STHM-18KH, STHM-20KH	U1 220	8C-3636	—	502.256062	— —	—	—
STZ52-20KH, SW	U1 220	8C-3636	—	502.256063	— —	—	—
SW-18KHE, SW-20KHE	U1 220	8C-3636	—	502.256070	— —	—	—
SWU, SWZ, SWZ- 20KHE	U1 220	8C-3636	—	502.256071	— —	—	—
SWZU	U1 220	8C-3636	—	502.256080	— —	—	—
Sabre Tooth Tiger	U1 220	8C-3636	—				

59 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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60 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(61)</sup>	Notes (62)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(61)</sup>	Notes (62)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Lawn Tractors</b>				536.657040	—	—	—
502.256081	—	—	—	536.657060	—	—	—
502.2561128	U1 260	—	—	536.657080	—	—	—
502.256120	—	—	—	536.658080	—	—	—
502.256126	—	—	—	536.963100	—	—	—
502.256130	—	—	—	8-2526, 8-3025	—	—	—
502.256131	—	—	—	8-3026, 8-3035	—	—	—
502.256132	—	—	—	8-3625, 881400	—	—	—
502.2561321	U1 260	—	—	881700, 917.255260	—	—	—
502.256134	—	—	—	917	U1 300	—	—
502.256135	—	—	—	917.250740	—	—	—
502.256136	—	—	—	917.25431, 917.25432	U1R 195	—	—
502.256136A	—	—	—	917.25434, 917.25435	U1R 195	—	—
502.256137	—	—	—	917.25474, 917.25541	U1R 195	—	—
502.256138, 8-2525	—	—	—	917.255120	—	—	—
502.256140	—	—	—	917.255121	—	—	—
502.256141	—	—	—	917.255270	—	—	—
502.256142	—	—	—	917.255271	—	—	—
502.2561575	U1 260	—	—	917.255272	—	—	—
502.2561576	U1 260	—	—	917.255273	—	—	—
502.25617, 502.25618	U1R 195	—	—	917.255330	—	—	—
502.25619, 917.25424	U1R 195	—	—	917.255340, K8327AR	—	—	—
520.25800, 520.25810	U1 260	—	—	917.25558, 917.25582	U1R 195	—	—
520.25830, 917.25700	U1 260	—	—	917.2561321	U1R 195	—	—
FREEDOM Z, Tiger Cat	U1 220	8C-3636	—	917.25701	U1 260	—	—
FREEDOM Z, Tiger Cat	U1 220	8C-3636	—	917.259180	—	—	—
536.250820	—	—	—	917.259320	—	—	—
536.250821	—	—	—	All Compact, Custom	U1 230	8C-3636	—
536.250822	—	—	—	Hydro-Trac Tractors	U1R 230	—	—
536.250823	—	—	—	Pre 1966 Suburban Tractors	U1 260	—	—
536.250870	—	—	—	SS, ST Tractors	U1 230	8C-3636	—
536.250920	—	—	—	Suburban	U1 230	8C-3636	—
536.250921	—	—	—	<b>SEARS Craftsman</b>			
536.250922	—	—	—	<b>Deluxe Garden Tractors</b>			
536.255110	—	—	—	DGT 4000			
536.255112	—	—	—	27524, 27528	U1R 280	—	—
536.255113	—	—	—	DGT 6000			
536.255212	—	—	—	27528, 27635, 27636	U1R 280	—	—
536.255220	—	—	—	27612	U1R 230	—	—
536.255221	—	—	—	27638	U1R 280	—	—
536.255230	—	—	—				
536.255231	—	—	—				
536.255232	—	—	—				
536.255240	—	—	—				
536.255250	—	—	—				
536.657020	—	—	—				

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62 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(63)</sup>	Notes (64)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(63)</sup>	Notes (64)	Replacement	
		Option 1	Option 2			Option 1	Option 2
<b>Deluxe Lawn Tractors</b>				25632, 25654-71	U1R 240	—	—
<b>DLS 3500</b>				25650-3, 25685	U1R 190	—	—
28612, 28613, 28614	U1R 230	—	—	25688, 25721, 25728	U1R 190	—	—
28811, 28812, 28813	U1R 230	—	—	25735-9, 25746	U1R 190	—	—
28814	U1R 230	—	—	25747, 25755	U1R 190	—	—
<b>DLT 3000</b>				25748, 25756, 25766	U1R 240	—	—
27345, 27346, 27349	U1R 280	—	—	25762-4, 25769	U1R 190	—	—
27347, 27348, 27381	U1R 230	—	—	25771-3, 25849	U1R 240	—	—
27350, 27385, 27386	U1R 280	—	—	25814-5, 25847-53	U1R 190	—	—
27382, 27581, 27582	U1R 230	—	—	25854-89, 25886-7	U1R 240	—	—
27681, 27682	U1R 230	—	—	S2048, S2546, S2554	U1 260	—	—
<b>Deluxe Yard Tractors</b>				25927, 25973	U1R 190	—	—
<b>DYT 4000</b>				27031-72, 27043-72	U1R 190	—	—
27324, 27326, 27328	U1R 280	—	—	27067-8, 27073-4	U1R 240	—	—
27361, 27362, 27366	U1R 280	—	—	27077-84, 27081-112	U1R 240	—	—
27363, 27364, 28712	U1R 230	—	—	27091-2, 27095-6	U1R 240	—	—
27570, 27574, 27590	U1R 280	—	—	27101-10, 27105-6	U1R 240	—	—
28713, 28714	U1R 230	—	—	27113-4, 27117-8	U1R 240	—	—
<b>Fairway Tractors</b>				27201-12, 27203-14	U1R 240	—	—
<b>FS 5500</b>				27218, 27220	U1R 240	—	—
27684, 27686, 27688	U1R 280	—	—	27301-2, 27305-6	U1R 240	—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				27303-4, 27307-10	U1R 280	—	—
25003, 25005	U1R 240	—	—	27311-42, 27320-2	U1R 280	—	—
25048-54, 25147-9	U1R 240	—	—	27332, 27342, 27399	U1R 280	—	—
25055-6, 25151-6	U1R 280	—	—	28903, 28907, 28908	U1R 230	—	—
25157	U1R 340	—	—	28910, 28913, 28921	U1R 230	—	—
25245-53, 25255	U1R 190	—	—	28922, 28924, 28925	U1R 230	—	—
25254, 25256-71	U1R 240	—	—	28926, 28927, 28928	U1R 230	—	—
25445-6, 25461	U1R 240	—	—	28934, 28936, 28970	U1R 230	—	—
25445-6, 25525	U1R 280	—	—	28972, 28973, 28990	U1R 230	—	—
25465, 25478	U1R 190	—	—	37322	U1R 280	—	—
25474, 25486, 25492	U1R 240	—	—	<b>DGS 6500</b>			
25494, 25545-6	U1R 240	—	—	28645, 28646, 28845	U1R 280	—	—
25498	U1 155	8C-3636	—	28846, 28848, 28860	U1R 280	—	—
25543-4, 25547	U1R 190	—	—	<b>GS 6500</b>			
25551, 25552	U1R 190	—	—	27691, 27692, 27768	U1R 280	—	—
25554, 25569, 25588	U1R 240	—	—	28745, 28746, 28748	U1R 280	—	—
25555, 25774	U1R 280	—	—	28749, 28750	U1R 280	—	—
25556-9, 25622	U1R 190	—	—	<b>GT 3000</b>			
25589, 25593-5	U1R 240	—	—	27495, 27496, 27501	U1R 280	—	—
25593-96, 25597-8	U1R 240	—	—	27502, 27503, 27504	U1R 280	—	—
25623, 25682	U1R 130	—	—	27522	U1R 280	—	—
				<b>GT 5000</b>			
				27597, 27601, 27602	U1R 280	—	—
				27603, 27604, 27605	U1R 280	—	—

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64 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(65)</sup>	Notes (66)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(65)</sup>	Notes (66)	Replacement	
		Option 1	Option 2			Option 1	Option 2
27607, 27608, 27609	U1R 280	—	—	28822, 28833, 28834	U1R 230	—	—
27610, 27631, 27632	U1R 280	—	—	28827, 28828, 28832	U1R 280	—	—
27633, 27634	U1R 280	—	—	28836	U1R 230	—	—
<b>LT 1000 AND LT 2000</b>				28890	U1R 280	—	—
27235, 27265, 27285	U1R 280	—	—	<b>YT 4000</b>			
27268, 27275, 27276	U1R 230	—	—	27562, 27563, 27564	U1R 230	—	—
27286, 27291, 27292	U1R 280	—	—	27566, 27567, 27568	U1R 280	—	—
27293, 27294, 27313	U1R 280	—	—	<b>Monster Tractors</b>			
27314, 27315, 27316	U1R 280	—	—	<b>MTS 5500</b>			
27318, 27335, 27336	U1R 230	—	—	28642, 28742, 28744	U1R 280	—	—
27337, 27338, 27339	U1R 230	—	—	28842	U1R 280	—	—
27340, 27369, 27375	U1R 230	—	—	<b>Professional Tractors</b>			
27351, 27352, 27377	U1R 280	—	—	28870, 28872, 28874	U1 250	—	—
27376, 27535, 27576	U1R 230	—	—	28974	U1R 230	—	—
27378, 27379, 27380	U1R 280	—	—	<b>Rear Engine Riding Mowers</b>			
27435, 27518, 27537	U1R 280	—	—	27032, 27034	U1 150	8C-3636	—
27539, 27540, 27552	U1R 280	—	—	27032, 27630, 28033	U1 165	8C-3636	—
27575	U1R 280	—	—	28933	U1 230	8C-3636	—
27640, 27641, 27678	U1R 230	—	—	<b>DRM 500</b>			
28601, 28603, 28605	U1R 230	—	—	25416, 25733	U1 140	8C-3636	—
28607, 27266, 27267	U1R 230	—	—	25418, 25419	U1R 130	—	—
28608, 28701, 28703	U1R 230	—	—	25502, 25506, 25517	U1 130	8C-3636	—
28705, 28707, 28708	U1R 230	—	—	27011, 27020, 27021	U1 155	8C-3636	—
28803, 28805, 28807	U1R 230	—	—	27027, 27028	U1 230	8C-3636	—
28808, 28809, 28810	U1R 230	—	—	27028	U1 155	8C-3636	—
<b>LT 1000 AND LTX 2000</b>				27030, 27032, 27034	U1 150	8C-3636	—
27153, 27163, 27164	U1R 190	—	—	<b>Zero-Turn Mowers</b>			
27155, 27165, 27166	U1R 230	—	—	26786, 28786, 28790	U1 340	—	—
27173, 27174	U1R 190	—	—	28791	U1 340	—	—
27181, 27182, 27183	U1R 230	—	—	28875, 28876, 28877	U1 250	8C-3636	—
27184, 27185, 27186	U1R 230	—	—	<b>ZT 7000</b>			
27191, 27192, 27205	U1R 230	—	—	27770, 27772, 27773	U1 340	—	—
27206, 27207, 27208	U1R 230	—	—	<b>ZTS 7500</b>			
27242, 27243, 27245	U1R 230	—	—	27772, 27774, 27782	U1 340	—	—
27246	U1R 230	—	—	27786, 27788, 27790	U1 340	—	—
<b>YS 4500 AND DYS 4500</b>				<b>SIMPLICITY</b>			
27618, 27662, 27668	U1R 280	—	—	<b>Garden Tractors</b>			
27670, 27680, 27690	U1R 280	—	—	Conquest	U1 340	—	—
28621, 27664, 28622	U1R 230	—	—	Legacy XL	51 500	—	—
28626, 28690, 28725	U1R 280	—	—	Prestige	U1 230	8C-3636	—
28634, 28721, 28722	U1R 230	—	—	<b>Lawn Tractors</b>			
28723, 28724, 28821	U1R 230	—	—	Broadmoor	U1 340	57	—
28726, 28728, 28730	U1R 280	—	—	Regent	U1 230	8C-3636	—
28732, 28734, 28736	U1R 280	—	—	<b>Rear Engine Riders</b>			
28738, 28825, 28826	U1R 280	—	—	Coronet	U1 230	8C-3636	—

65 **IMPORTANT NOTE: BATTERIES CAN EXPLODE.**

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66 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(67)</sup>	Notes (68)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(67)</sup>	Notes (68)	Replacement		
		Option 1	Option 2			Option 1	Option 2	
<b>Zero-Turn Mowers</b>				Broadmoor 14VH	U1	340	—	—
Champion 27/52	U1	340	—	Broadmoor 15G	U1	340	—	—
Citation 22/52	U1	340	—	Broadmoor 15H	U1	340	—	—
Citation 26/52	U1	340	—	Broadmoor 1600	U1	340	—	—
Citation 28/61	U1	340	—	Broadmoor 16H	U1	340	—	—
Cobalt 30/61	U1	350	—	Broadmoor 16VH	U1	340	—	—
Cobalt 32/61	U1	340	—	Broadmoor 18H	U1	340	—	—
<b>SIMPLICITY MFG. COMPANY</b>				Broadmoor 2600	U1	340	—	—
<b>Chipper Vacuum</b>				Champion	U1	340	—	—
8/25SE	U1	195	8C-3636	Champion 26/52	U1	340	—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				Champion 27/52	U1	340	—	—
11G, 12G, Coronet 9G	U1	220	8C-3636	Citation	U1	340	—	—
12FCA, 12FCH, 16CFC	U1	300	—	Citation 22/52	U1	340	—	—
16FCC, 16FCH, 16GTH	U1	300	—	Citation 25/52	U1	340	—	—
17GTH, 18CFC	26R	540	369-9958	250-0489(32)	Citation 26/52	U1	340	—
2514G, 514G, Axion	U1	340	—	Citation 28/61	U1	340	—	—
3008, 3008-3, 990775	—	—	—	Cobalt, Cobalt 32/61	U1	340	—	—
3105, 3108, 3108H	U1	300	—	Colbalt 30/61	U1	350	—	—
3110, 3110E, 4080	U1	300	—	Colt	U1R	365	27	—
41000 Series, 725	U1R	195	—	Command 20	22NF	500	—	—
4111, 4208, 4208G	U1	300	—	Command 25	22NF	500	—	—
4211, 4211G, 4211H	U1	300	—	Conquest	U1	340	—	—
4212, 5008, 5211	U1	300	—	Conquest 1700 & 2700	U1	340	—	—
5010, 7010, 7012	22NF	340	—	Consumer Z	U1	400	—	—
5211G, 5212, 5212.5	U1	300	—	Coronet 12H	U1	200	8C-3636	—
5216, 5216G, 5216H	U1	300	—	Coronet 13H	U1	200	8C-3636	—
525, 535	—	—	—	Coronet 14H	U1	200	8C-3636	—
6008, 6011, 6211	U1	300	—	Coronet 16H	U1	200	8C-3636	—
6216, 990780	U1	300	—	Coronet 2400	U1	200	8C-3636	—
7013, 7014, 7016	22NF	340	—	Coronet 400	U1	200	8C-3636	—
7016H, 7016M, 7112 22NF	340	220	—	Coronet, Javelin	U1	230	8C-3636	—
7116, 7117, 7119	22NF	340	—	Cosumer Z	U1	340	27	—
7790	24	465	153-5656	3T-5857	DM 95D Series	22NF	500	—
9020	70	525	7X-6100(32)	250-0489(32)	Derby Morgan	U1	340	—
990755, 990756	22NF	340	—	Derby Pacer, Pacer	U1	220	8C-3636	—
990757, 990758	22NF	340	—	Derby Stallion	U1	340	—	—
990759	22NF	340	—	Express 14.5G	U1	195	8C-3636	—
Axion, Cobalt 30/61	U1	350	—	Express 15.5H	U1	195	8C-3636	—
Baron, Baron 18H	U1	340	—	Express 17H	U1	195	8C-3636	—
Broadmoor	U1	340	24	FD 620 Series	22NF	500	—	—
Broadmoor 14H	U1	340	—	Front Cut 16H	U1	260	—	—
Broadmoor 14HV	U1	340	—	Hydrostatic 16H	U1	195	8C-3636	—
				Lancer, Landlord 16H	U1	340	—	—

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68 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(69)</sup>	Notes (70)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(69)</sup>	Notes (70)	Replacement	
		Option 1	Option 2			Option 1	Option 2
Landlord 17H	U1 340		—				
Landlord 18H	U1 340		—				
Landlord 20H	U1 340		—				
Landlord23H, Morgan	U1 340		—				
Legacy 2000	51 450		—				
Legacy 25	51 450		—				
Legacy 2900	51 450		—				
Legacy XL	51 500		—				
Prestige 1800	51 450		—				
Prestige 2800	51 450		—				
Prestige, Regent	U1 230		8C-3636				—
Rear Rider	— —		—				
Regent 12G	U1 230		8C-3636				—
Regent 12H	U1 230		8C-3636				—
Regent 14G	U1 230		8C-3636				—
Regent 15H	U1 230		8C-3636				—
Regent 16G	U1 230		8C-3636				—
Regent 16H	U1 230		8C-3636				—
Regent 17H	U1 230		8C-3636				—
Regent 18G	U1 230		8C-3636				—
Regent 500 & 2500	U1 260		—				—
Regent14H	U1 230		8C-3636				—
Sovereign 18H	26R 390		369-9958	250-0489{32}			
Sovereign 18PS	26R 390		369-9958	250-0489{32}			
Stallion	U1 340		—				
Sun Star 18H	26R 390		369-9958	250-0489{32}			
Sun Star 20H	26R 390		369-9958	250-0489{32}			
Sun Star 8000 Series	22F 425		3T-5859	369-9958			
Trail Cruiser	U1 340		8C-3636				—
Turf Cruiser	NA 375	24	—				—
ZT14H, ZT16H, ZT18H	U1 195		8C-3636				—
ZT2148, ZT2352	U1 340		—				—
<b>Legacy Command 20</b>							
2020H, 20H, 2920H	51 450		—				—
<b>Legacy Command 25</b>							
2025H, 25H, 2925H	51 450		—				—
<b>Legacy DM95D</b>							
2024D, 2924D	51 450		—				—
24.5H- Diesel	51 450		8C-3636				—
<b>Legacy FD620</b>							
2020LC, 20LC, 2920LC	51 450		8C-3636				—
<b>SNAPPER</b>							
<b>Zero-Turn Mowers</b>							
200Z 18/42	U1 230		8C-3636				—
200Z 20/42	U1 190		8C-3636				—
200Z 21.5/42	U1 230		8C-3636				—
200Z 21/42	U1 230		8C-3636				—
200Z 22/46	U1 230		8C-3636				—
285Z 26/52	U1 230		8C-3636				—
300Z 27/52	U1 230		8C-3636				—
S200XTBV3261	U1 340		—				—
<b>(Comet)</b>							
<b>Lawn &amp; Garden Tractors/Mowers</b>							
1233, LT-11, LT-12	U1 260		—				—
25062S, 25063S	U1 340		—				—
25064S, 25083	U1 340		—				—
25083S, 25084S	U1 340		—				—
250Z Series	U1 230	24	8C-3636				—
26062S, 26063S	U1 340		—				—
26064S, 26083S	U1 340		—				—
26084S, 2650S, 2652S	U1 340		—				—
265XS, 266XS, 267XS	U1 340		—				—
2680S, 2681S, 268XS	U1 340		—				—
28083S, 28084S	U1 340		—				—
2810WS, 28114S	U1 340		—				—
2880WS, 30083S	U1 340		—				—
30084S, 3010WS	U1 340		—				—
30114S, 306RAS	U1 340		—				—
306XS, 307XS, 3080S	U1 340		—				—
3081S, 3081WS, 308XS	U1 340		—				—
32in. Gear	U1 340		—				—
32in. Hydro, 33113S	U1 340		—				—
33114S, 350XS, 3652S	U1 340		—				—
350Z Series	U1 340	24	—				—
417XS, 418RS, 418XS	U1 340		—				—
4210WS, 42113S	U1 340		—				—
450Z Series	U1 340	24	—				—
All Turf Cruiser	U1 340		—				—
FastTrak Snapper Z	U1 340		—				—
Fastback	U1 340		—				—
GT500 Series	51 500	24	—				—
Great Dane rider	70 450		7X-6100{32}	250-0489{32}			

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70 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(71)</sup>	Notes (72)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(71)</sup>	Notes (72)	Replacement	
		Option 1	Option 2			Option 1	Option 2
LT 145H33, LT 145H38	U1 220	8C-3636	—	YZ 15334BUE	U1 190	8C-3636	—
LT 150H331BU	U1 220	8C-3636	—	YZ 15384BUE	U1 190	8C-3636	—
LT 150H38	U1 220	8C-3636	—	YZ 16424BUE	U1 190	8C-3636	—
LT 150H381BU	U1 220	8C-3636	—	YZ 20484BUE	U1 190	8C-3636	—
LT 150HGKU	U1 220	8C-3636	—	YZ145333	U1 190	8C-3636	—
LT 160H42	U1 220	8C-3636	—	<b>Zero-Turn Mowers</b>			
LT 160H42HBU	U1 220	8C-3636	—	200Z 18/42	U1 230	8C-3636	—
LT 180H421U2	U1 220	8C-3636	—	200Z 20/42	U1 190	8C-3636	—
LT 180H48, LT 200H48	U1 220	8C-3636	—	200Z 21.5/42	U1 230	8C-3636	—
LT 200H481BU2	U1 220	8C-3636	—	200Z 21/42	U1 230	8C-3636	—
LT-12D, LT-16	U1 260	—	—	200Z 22/46	U1 230	8C-3636	—
LT145H33GBV	U1 220	8C-3636	—	285Z 26/52	U1 230	8C-3636	—
LT145H38GBV	U1 220	8C-3636	—	300Z 27/52	U1 230	8C-3636	—
LT150H331BU	U1 195	8C-3636	—	S200XTBV3261	U1 340	—	—
LT150H381BU	U1 195	8C-3636	—	<b>SPEEDEX TRACTOR COMPANY</b>			
LT150H38GKV	U1 220	8C-3636	—	1020, 1030, 1240	U1 260	—	—
LT150HGKU	U1 195	8C-3636	—	1240M, 1320, 1330	U1 260	—	—
LT160H42GBV	U1 220	8C-3636	—	1632, 1640, 1640M	U1 260	—	—
LT180H48GBV2	U1 220	8C-3636	—	1722, 1732, 1822	U1 260	—	—
LT200/300 Series	U1 230 24	8C-3636	—	820, 840, S-17, S-18	U1 260	—	—
Pro Express	U1 340	—	—	S-19, S-24	U1 260	—	—
Pro Hydro	U1 340	—	—	<b>SPIRIT</b>			
Turf Cruiser	U1 340	—	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
YT400 Series	U1 340 24	—	—	1136Q, 1236Q, 1442Q	U1R 230	—	—
Z1801K	U1 260	—	—	14H, 14LS, 16H, 16LS	U1 295	—	—
ZT 18440KH	U1 340	—	—	1650H, 1650Q, 1850H	U1R 230	—	—
ZT 20500BU	U1 340	—	—	1860H	U1R 230	—	—
<b>Pro Cruiser Line</b>				18H, 18LS, 20H	U1 295	—	—
MZM 2300, ZM 2501	U1 340	—	—	<b>STEINER</b>			
ZMT 2500	U1 340	—	—	<b>All Other Models</b>			
<b>Turf Cruiser Line</b>				All	26R 450	369-9958	250-0489(32)
ZF 2501	U1 340	—	—	<b>Garden &amp; Compact Tractors</b>			
<b>Walk-Behind Mowers</b>				202, 410, 415	U1 235	8C-3636	—
21401PS, 21401S	— —	—	—	220, 230	26R 450	369-9958	250-0489(32)
214X1PS	— —	—	—	430 Classic, 430 Max	26R 450	369-9958	250-0489(32)
<b>Yard Cruiser</b>				525	26R 450	369-9958	250-0489(32)
HZS 15422, HZS15423	U1 190	8C-3636	—	<b>Garden Tractors</b>			
HZS18482, HZS18483	U1 190	8C-3636	—	430 Max	26R 450	369-9958	250-0489(32)
Snapper Grounds Cruiser	U1 375	—	—	<b>Utility Vehicles</b>			
YZ 145332, YZ 145333	U1 190	8C-3636	—	230, 415, 430MAX	26 650	—	—
YZ 14538	U1 190	8C-3636	—	525, 75- 70134	26 650	—	—
				75- 70136	26 650	15	—

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72 See page 413 for further description.



# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(73)</sup>	Notes (74)	Replacement	
		Option 1	Option 2
ST35, ST480, UM428 26 650		—	—
<b>Zero-Turn Mowers</b>			
ZTM200, ZTM202 U1 235		8C-3636	—
ZTM219, ZTM325 U1 235		8C-3636	—
<b>STRONGLAND</b>			
<b>(ARMSTRONG)</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
2200, 2500 U1R 235		—	—
3000, 5000 41 720		—	—
7200, 7400 26 450		8C-3600	250-0489{32}
<b>SWISH-ERR</b>			
T-60, ZT Mini-Mower U1 265		—	—
ZT 1436B, ZT 18542 U1 230		8C-3636	—
ZT 2350, ZT 2560 U1 230		8C-3636	—
ZT2250 U1 230		8C-3636	—
<b>Front Cut Mowers</b>			
1642H, 1650H, 1850H U1 265		—	—
18Hp/32in. — —		—	—
2060H U1 265		—	—
Ride King — —		—	—
Rough Cut 50in. — —		—	—
<b>Three Wheel Tractors</b>			
A12V8S, AZ2/AZV U1 265		—	—
AZV-12V-8S, AZV-6 U1 265		—	—
<b>Trail Mowers</b>			
T1260, T1360, T1460 U1R 265		—	—
<b>Zero-Turn Mowers</b>			
Z-Max ST1436B 36 U1 230		8C-3636	—
Z-Max ZT18542 42 U1 230		8C-3636	—
Z-Max ZT2350 50 U1 230		8C-3636	—
Z-Max ZT2560 60 U1 230		8C-3636	—
<b>SYCAMORE MFG. COMPANY</b>			
732E U1 195		8C-3636	—
<b>TORO</b>			
<b>Garden Tractors</b>			
GT2100, GT2200 U1 300		—	—
<b>Riding Reel Mowers</b>			
Reel Master 4000- 24 650		127-0826	—
Reel Master 5210 26 530		8C-3600	250-0489{32}
Reel Master 5410 26 530		8C-3600	250-0489{32}
Reel Master 5510 26 530		8C-3600	250-0489{32}
Reel Master 5610 26 530		8C-3600	250-0489{32}
Reel Master 6500- 24 650		127-0826	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(73)</sup>	Notes (74)	Replacement	
		Option 1	Option 2
Reel Master 6700- 24 650		127-0826	—
<b>Riding Rotary Turf Mowers</b>			
Grounds Master 328- 24 550		8C-3600	250-0489{32}
Grounds Master 3280 26 525		8C-3600	250-0489{32}
Grounds Master 3320 26 525		8C-3600	250-0489{32}
Grounds Master 3500 55 580		—	—
Grounds Master 4000 24 660		127-0826	—
Grounds Master 4100 24 660		127-0826	—
Grounds Master 4500 24 660		127-0826	—
Grounds Master 4700 24 660		127-0826	—
<b>Zero-Turn Mowers</b>			
Grandstand 36 U1 300		—	—
Grandstand 40 U1 300		—	—
Grandstand 48 U1 300		—	—
Grandstand 52 U1 300		—	—
Grandstand 60 U1 300		—	—
Grounds Master 360 26 525		8C-3600	250-0489{32}
Grounds Master 7200 26 525		8C-3600	250-0489{32}
Z Master Commercial U1 300		—	—
Z Master Professional U1 300		—	—
<b>TORO/WHEEL HORSE</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
10-32, 11-32, 11-38 U1 155		8C-3636	—
1000-L, 120, 220 26 440		8C-3600	250-0489{32}
11-44, 12-32 U1 155		8C-3636	—
12-32XL, 13-32 U1 155		8C-3636	—
1200-HMR, 1600-HMR U1 195		8C-3636	—
13-38XL, 14-38HXL U1 155		8C-3636	—
15-38HXL, 16-38HXL U1 155		8C-3636	—
16-38XL, 16-44HXL U1 155		8C-3636	—
17-44HXL, 210, 212 U1 155		8C-3636	—
21-42, 300 Series U1 230		8C-3636	—
210-5, 210-H, 212-5 U1 195		8C-3636	—
2100, 2110, 265-8 U1 300		—	—
212-H, 216-5, 216-H U1 195		8C-3636	—
216, 310, 612, 620 U1 155		8C-3636	—

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74 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(75)</sup>	Notes (76)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(75)</sup>	Notes (76)	Replacement	
		Option 1	Option 2			Option 1	Option 2
265-6, 266-H, 312	U1 260	—	—	Ground Master 3320-G	26 525	8C-3600	250-0489(32)
265-H, 267-H	U1 300	—	—	Ground Master 3500-D	55 580	—	—
268-H, 270-H, 415-H	U1 340	—	—	Ground Master 4000-D	24 660	127-0826	—
310-8, 310-H, 312-8	U1 195	8C-3636	—	Ground Master 4100-D	24 660	127-0826	—
3100, 3200	24 370	153-5656	3T-5857	Ground Master 4500-D	24 660	127-0826	—
312-8, 314-8	U1 210	8C-3636	—	Ground Master 4700-D	24 660	127-0826	—
312-H, 314-8, 315-8	U1 195	8C-3636	—	Ground Master 52	26R 450	369-9958	250-0489(32)
314 Hydro, 314-H	U1 300	—	—	Ground Master 72	24 330	153-5656	3T-5857
368-H, 416-8, GT2100	U1 300	—	—	Ground Master 7200	26 540	8C-3600	250-0489(32)
37300, 37351	U1 230	8C-3636	—	Ground Master 7210	26 540	8C-3600	250-0489(32)
400 XT Series, 56027	U1 230	8C-3636	—	Ground Master 200-D - Diesel	26	—	—
4000-D, 4100-D	24 650	127-0826	—	Ground Master 328-D - Diesel	24 550	153-5656	3T-5857
415 Hydro, 416 XT	U1 260	—	—	Ground Master 3280-D - Diesel	26 525	8C-3600	250-0489(32)
416-H, 520-8, 520-H	U1 195	8C-3636	—	Ground Master 3320-G - Diesel	26 525	8C-3600	250-0489(32)
417XT, 419XT, 518xi	U1 340	—	—	Ground Master 3500-D - Diesel	55 580	—	—
4700-D, 6500-D	24 650	127-0826	—	Ground Master 360	26 525	8C-3600	250-0489(32)
520-Hydro, 520Lxi	U1 340	—	—	Grounds Master 4000-D Diesel	24 660	127-0826	—
5200-D, 5400-D	26 430	8C-3600	250-0489(32)	Grounds Master 4100-D Diesel	24 660	127-0826	—
520xi, 522xi	U1 340	—	—	Grounds Master 4500-D Diesel	24 660	127-0826	—
523Dxi - Diesel	26 495	8C-3600	250-0489(32)	Grounds Master 4700-D Diesel	24 660	127-0826	—
5500-D	26 430	8C-3600	250-0489(32)	Grounds Master 7200-D Diesel	26 540	8C-3600	250-0489(32)
55150, 55151, 55152	U1 195	8C-3636	—	Grounds Master 7210-D Diesel	26 540	8C-3600	250-0489(32)
56033, 56044, 57300	U1 230	8C-3636	—	LT-7E, Pro Line 620Z	U1 195	8C-3636	—
57351, 57356, 57360	U1 230	8C-3636	—	Pro Line 724Z	U1 195	8C-3636	—
580-D	24 815	127-0826	—	TE-10	U1 230	8C-3636	—
612-Z, 616-Z, 620-Z	U1 195	8C-3636	—	Time Cutter 2	U1 290	—	—
6700-D	24 650	127-0826	—	Time Cutter 2X	U1 290	—	—
7-25, 724, 8-25	U1 155	8C-3636	—	Turf Sweeper(18 Hp Kohler)	24 500	153-5656	3T-5857
724-Z, 940, Big Red	U1 195	8C-3636	—	Twister 1600 ATV	U1 195	8C-3636	—
8-32, 9-32, 9-38	U1 155	8C-3636	—				
9-40, 9-44, TE-12	U1 155	8C-3636	—				
CT-7, LT-6, LT-7	U1 195	8C-3636	—				
Front Runner	22NF 340	—	—				
GT2200, Workman 1100	U1 300	—	—				
Ground Master 117	U1 230	8C-3636	—				
Ground Master 120	U1 230	8C-3636	—				
Ground Master 200	26 440	8C-3600	250-0489(32)				
Ground Master 220	26R 450	369-9958	250-0489(32)				
Ground Master 300 Series	26 440	8C-3600	250-0489(32)				
Ground Master 328-D	26 530	153-5656	3T-5857				
Ground Master 3280-D	26 525	8C-3600	250-0489(32)				

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76 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(77)</sup>	Notes (78)	Replacement	
		Option 1	Option 2
<b>Riding Reel Mowers</b>			
Reel Master 4000-D	24 650	127-0826	—
Reel Master 5200-D- Diesel	26 530	8C-3600	250-0489(32)
Reel Master 5210	26 530	8C-3600	250-0489(32)
Reel Master 5410	26 530	8C-3600	250-0489(32)
Reel Master 5510	26 530	8C-3600	250-0489(32)
Reel Master 5610	26 530	8C-3600	250-0489(32)
Reel Master 6500-D- Diesel	26 530	8C-3600	250-0489(32)
Reel Master 6700-D- Diesel	26 530	8C-3600	250-0489(32)
<b>Utility Vehicles</b>			
Twister 1400	U1 300	—	—
Twister 1600	U1 300	—	—
<b>Walk-Behind Mowers</b>			
30159, 30167, 30177	U1 300	—	—
30182, 30183, 30187	U1 300	—	—
30189, 30192	U1 300	—	—
Pro Line 37	U1 195	8C-3636	—
Pro Line 52	U1 195	8C-3636	—
Pro Line 62	U1 195	8C-3636	—
<b>Zero-Turn Mowers</b>			
14-38Z, 15-44Z	U1 260	—	—
16-42Z, 16-44Z	U1 260	—	—
17-44Z, 17-52Z	U1 260	—	—
18-44Z, 18-44ZX	U1 260	—	—
19-52ZX, 400 Series	U1 260	—	—
500 Series- Diesel	26 525	8C-3600	250-0489(32)
500 Series- Gas	U1 260	—	—
Grandstand 36	U1 300	—	—
Grandstand 40	U1 300	—	—
Grandstand 48	U1 300	—	—
Grandstand 52	U1 300	—	—
Grandstand 60	U1 300	—	—
Z Master Commercial 2000 Series	U1 300	—	—
Z Master Commercial 3000 Series	U1 300	—	—
Z Master Commercial 5000 Series	U1 300	—	—
Z Master Commercial 6000 Series	U1 300	—	—
Z100, Z200, Z235	U1 260	—	—
Z18-52	U1 195	8C-3636	—
Z218, Z222, ZRT218	U1 300	—	—
Z255, Z280, Z350	U1 260	—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(77)</sup>	Notes (78)	Replacement	
		Option 1	Option 2
ZRT222, ZRT320	U1 300	—	—
ZRT325	U1 300	—	—
<b>TROY BUILT</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
11-32, 12-32XL	U1 230	8C-3636	—
13 Hp, 13 Hp Gear	U1 230	8C-3636	—
13-32, 13-38XL	U1 230	8C-3636	—
13000 Series	U1 280	—	—
14-38-HXL, 15 Hp	U1 230	8C-3636	—
15 Hp Gear, 16 Hp	U1 230	8C-3636	—
16-44HXL, 18 Hp	U1 230	8C-3636	—
361106, 361107	U1 230	8C-3636	—
361113, 5-8	U1 230	8C-3636	—
GTX, GTX18, GTX20	U1 340	27	—
<b>Rototillers</b>			
Big Red Horse, Horse	U1 235	8C-3636	—
Pony	—	—	—
<b>TRUE-TEST</b>			
<b>If model is not listed, refer to General Power</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
2-832E5, 3-83DE-5	U1 260	—	—
6-1036ES, 7-1036DE-5	U1 260	—	—
Tru-Test, WDE-10365	U1 260	—	—
WDE-8325, WE-10365	U1 260	—	—
WE-8325	U1 260	—	—
<b>TURFMASTER</b>			
12/36, 12/39	U1 195	8C-3636	—
18/42	U1 260	—	—
<b>ULTRA</b>			
<b>(Div. of Murray, Inc.)</b>			
<b>Garden &amp; Compact Tractors</b>			
15.5 Hp/42in.	U1 250	8C-3636	—
17 Hp/46in.	U1 250	8C-3636	—
19 Hp/46in.	U1 250	8C-3636	—
20 Hp/46in.	U1 250	8C-3636	—
<b>VECTRAL</b>			
<b>(Div. of Murray, Inc.)</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
11.5 Hp/30in.	U1 165	8C-3636	—
13 Hp/40in.	U1 165	8C-3636	—
15 Hp/42in.	U1 165	8C-3636	—
16.5 Hp/42in.	U1 165	8C-3636	—

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78 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(79)</sup>	Notes (80)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(79)</sup>	Notes (80)	Replacement		
		Option 1	Option 2			Option 1	Option 2	
<b>VENTRA</b>				416, 418, 420	U1	340	—	—
<b>Lawn Tractors</b>				418-8, 418-A	U1	300	—	—
3100, 3200, 4100	22NF	410	—	420-LSE, A80, A81	U1	300	—	—
4100 VXD, 4200 VXD	22NF	410	—	520 Hydro	U1	260	—	—
7200, Ventrac 3000	22NF	410	—	A115, A85	—	—	—	—
<b>VOELLER, INC.</b>				B100, B11, B80, B81	U1	300	—	—
SS-7	U1	260	—	C100, C120, C160	22NF	410	—	—
<b>WALKER</b>				C101, C121, C141	U1	300	—	—
<b>Zero-Turn Mowers</b>				C161, C161 Twin, C81	U1	300	—	—
MBK 23-HP	U1	300	—	Charger 10	22NF	410	—	—
<b>WALKER MOWERS</b>				Charger 12	22NF	410	—	—
B, C, D, M, S, T, W	U1	235	8C-3636	Charger V7	U1	300	—	—
MBK 23-HP	U1	300	—	Charger V8	U1	300	—	—
<b>WEED EATER</b>				Commando 8	U1	300	—	—
<b>Poulan/Yard Pro</b>				Commando V7	U1	300	—	—
WE 12538, WE 14542	U1	300	—	Commando V8, D-250	U1	300	—	—
WE 1642, WE 185H42	U1R	300	—	Electric Lawn Ranger	U1	300	—	—
<b>WESTERN INTERNATIONAL</b>				Electric Work Horse 700	U1	300	—	—
320000 Series	—	—	—	Electro 12, GT-14	22NF	410	—	—
320800, 3208000	—	—	—	Raider 10, Raider 12	22NF	410	—	—
360000 Series	—	—	—	<b>WHEELER</b>				
361000, 361100	—	—	—	<b>See General Power</b>				
361102, 361103	—	—	—	<b>WHITE OUTDOOR PRODUCTS</b>				
361104, 361105	—	—	—	<b>Lawn &amp; Garden Tractors/Mowers</b>				
361106, 361107	—	—	—	100, 1000, 165, 180	U1	300	—	—
361113, 361114	—	—	—	1600, 1650	26R	450	369-9958	250-0489{32}
421101, 456301	—	—	—	1800, 1850, 2000, 80	U1	300	—	—
458301	—	—	—	800, R80, T100, T80	U1	300	—	—
<b>WHEEL HORSE PRODUCTS, INC.</b>				FR-1800, FR-2	U1	260	—	—
<b>Lawn &amp; Garden Tractors/Mowers</b>				FR-2000C, GT-180	U1	260	—	—
108-3, 108-5, 111-5	—	—	—	FST-16, GT-1000	—	—	—	—
11-32, 13-22, 13-32	U1	195	8C-3636	GT-1050, GT-1600	22F	425	3T-5859	369-9958
12-32XL, 13-38XL	U1	235	8C-3636	GT-1650	22F	425	3T-5859	369-9958
14-38HXL, 16-44HXL	U1	235	8C-3636	GT-185, GT-205	—	—	—	—
21-42, 8-25, A50	U1	195	8C-3636	GT-2055, GT-2550H	—	—	—	—
211, 212-6, 265-6	U1	300	—	GT-2150, GT-25	U1	260	—	—
212, 308, 310, 414	U1	340	—	GT-255, GT-2550, L15	U1	260	—	—
265H, 308-8, 310-8	U1	300	—	LR927, LT-1450	U1	190	8C-3636	—
266-H, 312	U1	260	—	LT-11650, LT-13	U1	260	—	—
312-8, 312-A, 314-8	U1	300	—	LT-125, LT-135	—	—	—	—
314 Hydro, 415 Hydro	U1	260	—	LT-1300, LT-14	U1	260	—	—
314-H, 414-8, 416-8	U1	300	—					

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80 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(81)</sup>	Notes (82)	Replacement	
		Option 1	Option 2
LT-14	U1 340	—	—
LT-155, LT-160	— —	—	—
LT-165	— —	—	—
LT-1650, LT-1800	U1 260	—	—
LT-1850, LT-1855	U1 260	—	—
LT-2150, LT1500	U1 260	—	—
LT1600, LTG-165	U1 260	—	—
T800, T85	U1 300	—	—
ZT 2250	U1 190	8C-3636	—
<b>Zero-Turn Mowers</b>			
ZT 1850, ZTT 1850	U1 300	—	—
ZTT 2150	U1 300	—	—
<b>WILCOV</b>			
<b>(Wisc. Eng.)</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
1515, 2500, 2512	U1 190	8C-3636	—
2515, 2516, 2520	U1 190	8C-3636	—
4320	U1 190	8C-3636	—
<b>Utility Tractors</b>			
5000, 5013, 5032	31A 725	430-5996	127-0826(29)
5033	31A 725	430-5996	127-0826(29)
<b>WISCONSIN MARINE</b>			
Jaguar 61	26R 540	369-9958	250-0489(32)
T1661	22NF 340	—	—
<b>WOODS</b>			
<b>Outdoor Power Equipment/Tractors</b>			
1250	U1 245	8C-3636	—
1850, 1860	70 450	7X-6100(32)	250-0489(32)
<b>Zero-Turn Mowers</b>			
5182, 6140, 6160	U1 245	8C-3636	—
6180, 6182, 6200	U1 245	8C-3636	—
6210, 6215, 6225	U1 245	8C-3636	—
6250, M2250, M2560	U1 245	8C-3636	—
R1540	U1 245	8C-3636	—
<b>YAMAHA</b>			
YT3600, YT5700	U1 260	—	—
YT6700, YT6800	U1 260	—	—
<b>YANMAR</b>			
GT14, YM140, YM189	51 540	—	—
Generator	U1R 195	—	—
YM122, YM146, YM164	— —	—	—
YM155, YM165	U1R 230	52	—
YM180, YM180D, YM187	— —	—	—

MAKE/EQUIPMENT TYPE/ MODEL <sup>(81)</sup>	Notes (82)	Replacement	
		Option 1	Option 2
YM220	24 550	153-5656	3T-5857
<b>YARD MACHINE</b>			
<b>(by MTD)</b>			
<b>Lawn &amp; Garden Tractors/Mowers</b>			
12.5 Hp 38in.	U1 230	8C-3636	—
14.5 Hp 42in.	U1 230	8C-3636	—
15.4 Hp 42in.	U1 230	8C-3636	—
16.5 Hp 42in.	U1 230	8C-3636	—
17 Hp 46in.	U1 230	8C-3636	—
18 Hp 46in.	U1 230	8C-3636	—
18.5 Hp 46in.	U1 230	8C-3636	—
L.U.V. Bug Riding Mower 6.5 Hp 24in.	— —	—	—
<b>YARD MAN, INC.</b>			
13420, 3420, 3730	— —	—	—
13518, 13655, 13665	U1 270	—	—
13675, 13735, 14805	U1 270	—	—
1674G, 3260, 3390	U1 270	—	—
3400, 3480, 3694H	U1 270	—	—
3770, 3810, 3960	U1 270	—	—
999, A604, A604F	U1 270	—	—
A694F	— —	—	—
Beetle, Yard Bug 325	— —	—	—
D604G, D624G, D674G	U1 270	—	—
H604H, J694H	U1 270	—	—
J844H 3260, J884H	U1 270	—	—
LTH-42, R-814K	U1 270	—	—
U604G, U604H, U624H	U1 270	—	—
U804H, U844H, V694G	U1 270	—	—
V804P, W804H, W814H	U1 270	—	—
W834H, W844H, X604G	U1 270	—	—
X614G, X674G, X694G	U1 270	—	—
X804P, Y615G, Y834P	U1 270	—	—
Y844P	U1 270	—	—
<b>YARD PRO</b>			
13665, 13675, 3390	U1 245	8C-3636	—
3400, 3480, 3770	U1 245	8C-3636	—
3730	— —	—	—
3810	U1 245	8C-3636	—
GTK18, GTV16	U1R 245	—	—

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82 See page 413 for further description.

# Lawn & Garden/Small Engine

MAKE/EQUIPMENT TYPE/ MODEL <sup>(83)</sup>	Notes (84)	Replacement		MAKE/EQUIPMENT TYPE/ MODEL <sup>(83)</sup>	Notes (84)	Replacement	
		Option 1	Option 2			Option 1	Option 2
HDC 12538, HDC 14542 U1R 245		—	—	ZKHP52233, ZKHP52253 U1 245		8C-3636	—
LR11, LR12, LT12 U1R 245		—	—	ZKHP61253, ZKW52233 U1 245		8C-3636	—
YGT18H46, YGT2046 U1R 245		—	—	ZKW48170, ZKW52252 U1 340		—	—
YGT22H50, YP1342 U1R 245		—	—	ZKW61233, ZKWQL42171 U1 245		8C-3636	—
YP15H42, YPT1542 U1R 245		—	—	ZKW61252 U1 340		—	—
YPT1846, YR1846 U1R 245		—	—	ZKWQL48171 U1 245		8C-3636	—
YTH12, YTH14 U1R 245		—	—	ZKWQL48191 U1 245		8C-3636	—
<b>YAZOO/KEES</b>							
<b>Dig-It Models</b>							
148, 158 22NF 340 22		—	—	ZMB48181 (Mid Max) U1 245		8C-3636	—
<b>Lawn &amp; Garden Tractors/Mowers</b>							
27.5 HP- Diesel 24 625		153-5656	3T-5857	ZMKH52231 (Mid Max) U1 245		8C-3636	—
Eagle V- Diesel 24 625		153-5656	3T-5857	ZMKW48171 (Mid Max) U1 245		8C-3636	—
TR42, YHR16B 26R 540		369-9958	250-0489(32)	ZMKW48191 (Mid Max) U1 245		8C-3636	—
YHR18.5W, YHR23K 26R 540		369-9958	250-0489(32)	ZMKW52211 (Mid Max) U1 245		8C-3636	—
YR30, YR3012BE U1 340		—	—	ZMKW5222 U1 245		8C-3636	—
YR308BE, YZTK20 U1 340		—	—	ZMKW52231 (Mid Max) U1 245		8C-3636	—
YR36, YR48, YR60 26R 540		369-9958	250-0489(32)	ZMKW61231 (Mid Max) U1 245		8C-3636	—
YR76 26R 540		369-9958	250-0489(32)	ZMKW6124, ZPKW5426 U1 300		—	—
YTBS-D265, YTKC25 34 810		127-0826	—	ZPKW6029 U1 245		8C-3636	—
YTBSV18, YTKC22 26 440		8C-3600	250-0489(32)	ZVHO61242 (Max 2) U1 245		8C-3636	—
<b>Walk-Behind Mowers</b>							
YHRK20, YHRK230 70 525		7X-6100(32)	250-0489(32)	ZVKH61272 (Max 2) U1 245		8C-3636	—
YHRLD212, YHRLD25 70 525		7X-6100(32)	250-0489(32)	ZVKH61273 U1 245		8C-3636	—
YHRLK20, YHRLK23 70 525		7X-6100(32)	250-0489(32)	ZVKH72272 (Max 2) U1 245		8C-3636	—
YTCK22, YTK25 70 525		7X-6100(32)	250-0489(32)	ZVKH72302 (Max 2) U1 245		8C-3636	—
<b>YT Series</b>							
YTBS-D265, YTBSV18 70 525		7X-6100(32)	250-0489(32)	ZVKJ61302 (Max 2) U1 245		8C-3636	—
YTBSB 18 70 440		7X-6100(32)	—	ZVKW52252 (Max 2) U1 245		8C-3636	—
YTKC25, YTKCZ22 70 525		7X-6100(32)	250-0489(32)	ZVKW61252 (Max 2) U1 245		8C-3636	—
<b>Zero-Turn Mowers</b>							
ZCBI48180 (Consumer Z) U1 245		8C-3636	—	<b>ZIPPER</b>			
ZEKW42170 (Esteem Series) U1 245		8C-3636	—	<b>Lawn &amp; Garden Tractors/Mowers</b>			
ZEKW52210 (Esteem Series) U1 245		8C-3636	—	STS-23, STS-27 U1 250		8C-3636	—
ZHDD61271 (Mega Max) U1 245		8C-3636	—	TS-14, TS-18, TS-20 U1 250		8C-3636	—
ZHDD72341 (Mega Max) U1 245		8C-3636	—	TS-2093K, TS-22 U1 250		8C-3636	—
ZKH52222, ZKW42170 U1 245		8C-3636	—	TS-2293, TS-25 U1 250		8C-3636	—
				TS-950-D, TS-950-G U1 250		8C-3636	—

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84 See page 413 for further description.



- 1 Battery gasses need to be vented to outside.
- 2 Check terminal post arrangement carefully! Could be top or side terminals.
- 3 Deep cycle battery required. Watch polarity!
- 5 Hood or cover clearance may not be sufficient. Check polarity to avoid explosion.
- 6 Installation may take over 30 minutes.
- 8 Best Performance Estimate
- 10 Need flush cover battery to fit under shield or to clear. May need to remove height adjuster.
- 11 Battery is encased within an Active Cooling Box with an air snorkel to the outside of the engine compartment.
- 12 Non-BCI group size.
- 15 Two batteries required. For best results, replace both of the same type.
- 16 Vibration proof battery. Replacement not available.
- 17 Watch polarity and clearance! Vehicle could have reverse terminal battery.
- 18 Gr. 31 battery w/ SAE terminal posts.
- 21 OE battery has special terminals. Cable change is necessary.
- 22 Reverse terminal battery required. May need to change cable. Watch polarity!
- 23 Vehicle computer system must be reset. Contact your service specialists.
- 24 OEM Used various size batteries in production. Check original battery for size and correct fit.
- 25 Replacement battery is taller than OE. Check height clearance before closing hood or cover.
- 26 Replacement battery is wider than OE. Hold-down and/or tray replacement may be necessary.
- 27 Check OE CCA requirements. Replacement CCA may not be sufficient.
- 29 Battery hold-down may need to be replaced and/or modified. Battery cable replacement may be necessary.
- 30 Replacement battery is wider and taller than OE. Hold-down and/or tray replacement may be necessary.
- 31 Replacement battery is longer and wider than OE. Hold down and/or tray replacement may be necessary.
- 32 Replacement battery is longer than OE. Hold-down and/or tray replacement may be necessary.
- 33 Height adapter may be required on Dual Terminal batteries.
- 34 OE Battery has Flush Vents.
- 35 Battery w/ handle brackets will not fit.
- 37 Best fit estimate, Mfr. Recommended replacement battery shown, may vary from OE battery. Check clearance before connecting cables.
- 39 Could be 6 or 12 Volt System. Assure correct battery voltage BEFORE installation!
- 40 Battery located in wheel well- remove front tire to access the battery.
- 41 Battery located under the rear seat.
- 42 Battery located under hood, under the washer bottle.
- 43 Battery located under hood, under the fuse box.
- 44 Battery located under hood, under the fuse box. Power steering reservoir must be moved.
- 45 Battery located under hood, under the air filter.
- 46 Battery located in trunk. Spare tire may have to be removed.
- 47 OE battery is AGM.
- 49 Match to original battery to assure proper fit and polarity.
- 50 Vehicle computer system must be reset and battery registered using scan tool.
- 52 Can be used as a possible alternative to OE battery with flag to post terminal adapter.
- 56 Hold-down modifications may be necessary.
- 57 When ordering battery, specify sensor.
- 58 Battery must be rotated for correct polarity. Hold-down modifications may be necessary.
- 80 AGM Valve-Regulated Battery required.
- 133 Requires Special Steel Tray Industrial Battery Type.
- 134 Starting or Deep Cycle Battery
- 135 Requires Gel Electrolyte
- 139 Battery Located in Trunk.
- 144 OE has replaced Gr. 76 with Gr. 79.
- 147 1 Battery - Dual Battery Opt
- 148 Two or more batteries required. For best results, replace all.
- 149 Amp hour rating from OE mfr is converted to approx. CCA rating (Ah x 10=approx. CCA).
- 150 Application may use 4D/800.
- 151 Mfr. Recommended replacement battery shown, may vary from OE battery.
- 152 Battery located in left rear tire well. Remove tire.
- 153 Battery located under driver's seat.
- 155 Requires special 6-volt assembly.
- 156 The rating shown is based upon battery industry consensus.
- 158 Group 34 or 78.
- 160 Some may require spl. 8-volt battery.
- 161 Watch polarity.
- 162 Group 31 O.E. battery has non-standard SAE terminal locations and may require cable modifications.
- 163 Direct electric start
- 164 Gas starting engine
- 165 12-Volt
- 166 24-Volt
- 167 Could be 12 or 24 Volt System. Assure correct battery voltage BEFORE installation!
- 168 Air start
- 169 Military 6TL
- 170 Special 12-volt battery
- 171 Electric start
- 172 6-Volt
- 173 Requires 4 batteries.

# Battery Footnotes

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- 174 Requires 4 or 8 batteries.
- 175 Requires 1 to 5 batteries.
- 177 Requires 1, 2 or 3batteries.
- 178 Requires 6 batterie .
- 179 Requires 1 to 4batteries.
- 181 Requires 3 batteries.
- 182 Special Grp. 24 batt. w/center mounted terminals required.
- 183 Special European size required.
- 184 Battery located behind passenger seat.
- 193 The listed 6-volt sizes were used during these years:  
(Check dimensions, clearance and polarity carefully!)
- 208 Battery located under floor on passenger side.
- 213 OE does not require AGM battery.
- 215 Spacer may be required.
- 218 Refer to owner's manual for electrical set up requirements.
- 231 Battery Located Under Driver's Footwell.
- 235 w/sensor
- 243 Battery shield may need to be modified. Do not remove.
- 247 DIN/EN size
- 249 Battery located between left front headlight assembl and left front wheel splash shield.
- 250 Battery located in cargo area.
- 251 Battery located in compartment behind left front fender.
- 252 Battery located in floor pan in 2nd row passenger area.
- 253 Battery located in front trunk.
- 254 Battery located in luggage compartment.
- 255 Battery located in passenger side frame rail, behind the front passenger door.
- 256 Battery located under passenger front seat.
- 257 Battery located under passenger rear seat.
- 258 Battery located under passenger seat.
- 260 Vent tube may need to be modified for proper venting.
- 261 Battery located in engine compartment.
- 262 Battery located in passenger footwell.
- 263 Battery located in passenger side front wheel well.
- 264 Battery located in rear passenger footwell.
- 265 Battery is loacated behind the left front fender and is accessible through the wheel well.
- 266 Battery is located behind the passenger seat in the floor.
- 275 PR= Production Run. A PR code is used to identify the options built into a vehicle.
- 276 Call service specialist before changing battery.
- 280 Battery is located left hand side of luggage compartment.
- 281 OE battery is EFB, Enhanced Flooded Battery.
- 282 Li-ion Battery Only.
- 286 Battery gasses need to be vented to outside. For proper venting instructions, see the last page of the reference section.
- 294 Group 99R may be an option, but not an exact fit.
- 302 Behind the passenger seat in the floor.
- 303 Passenger side frame rail.
- 304 Left hand side of luggage compartment.
- 305 Floor well behind front passenger seat
- 306 Co-Driver's Legroom.
- 320 Requires 8 batteries.
- 321 Requires 12 batteries.





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# Cat Starters

## Articulated Truck Starters

Sales Model	S/N Prefix	Attributes (1)	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
725	AFX	HD, OS, WS, 3K	CW	11 teeth	24v	197-0986	0R-5209
725	B1L	30K	CW	11 teeth	24v	357-7354	10R-9815
725C	LFB	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
725C	TFB	HD, OS, WS, 30K	CW	11 teeth	12V	207-1524	10R-0401
725C 2	2L6	-	-	-	-	10R-9815	10R-9815
725C 2	2T3	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
725C 2 OEM	TA7	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
725C OEM	T26	HD, OS, WS, 30K	CW	11 teeth	12V	207-1524	10R-0401
730	AGF	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
730	B1M	30K	CW	11 teeth	24v	357-7354	10R-9815
730 OEM	WWB	30K	CW	11 teeth	24v	357-7354	10R-9815
730C	TFF	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
730C 2	2L7	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
730C 2 EJ	2L8	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
730C EJ	LFH	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
730EJ	B1W	30K	CW	11 teeth	24v	357-7354	10R-9815
735	AWR	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
735	B1N	-	-	-	-	10R-9815	10R-9815
735 OEM	WWC	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
735B	L4D	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
735B	T4P	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
735C	LFJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
740	AXM	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
740	B1P	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
740 OEM	DTX	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-
740 OEM	WWD	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
740B	T4R	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
740B EJ	L4F	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
740B EJ	T4S	-	-	-	-	10R-9815	10R-9815
740B OEM	E4S	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
740B OEM	GLH	-	-	-	-	10R-9815	10R-9815
740C EJ	TFN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
740EJ	AZZ	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
745C	LFK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
745C OEM	JE8	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
745D	3F6	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D20D	9MG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
D250D	6NG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
D250E	5TN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D250E II	4PS	-	-	-	24v	6V-5538	10R-0399
D25D	1HK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D300D	5MG	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D300E	7FN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D300E II	5KS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D30D	3AJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D350D	9RF	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D350E	9LR	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232

1 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Articulated Truck Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(2)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D350E II	2XW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
D400D	8TF	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
D400E	2YR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
D400E II	8PS	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
D400E II	APF	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209

## Backhoe Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(2)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
414E IL	TMS	–	–	–	–	303-5795	0R-4316
416B	8ZK	MD, 2K	CW	–	12v	143-0538	0R-4319
416C	1WR	MD, 2K	CW	–	12v	6V-0492	0R-4316
416C	4ZN	MD, 2K	CW	–	12v	6V-0492	0R-4316
416E	SHA	MD, 2K	CW	–	12v	112-1767	0R-4316
416E OEM	B6P	MD, 2K	CW	–	12v	143-0539	0R-4316
416E OEM	NBE	–	–	–	–	303-5795	0R-4316
416E ST	MFG	–	–	–	–	303-5795	0R-4316
416F	HSS	–	–	10 teeth	12v	331-7010	20R-4762
416F 2	HWB	–	–	10 teeth	12v	331-7010	20R-4762
416F 2	LYA	–	–	–	–	303-5795	0R-4316
416F OEM	PHD	–	–	10 teeth	12v	331-7010	20R-4762
416F ST	KSF	–	–	10 teeth	12v	331-7010	20R-4762
420D	BKC	MD, 2K	CW	–	12v	6V-0492	0R-4316
420D	MBH	–	–	–	24v	225-3150	10R-9101
420D IT	BMC	MD, 2K	CW	–	12v	6V-0492	0R-4316
420D OEM	HLT	MD, 2K	CW	–	12v	143-0539	0R-4316
420E	GEK	–	–	–	24v	225-3150	10R-9101
420E	KMW	MD, 2K	CW	–	12v	6V-0492	0R-4316
420E PL	PHC	–	–	–	–	303-5795	0R-4316
420E ST	PRA	–	–	–	–	303-5795	0R-4316
420F	HTG	–	–	10 teeth	12v	331-7010	20R-4762
420F 2	HWC	–	–	10 teeth	12v	331-7010	20R-4762
420F 2	LBS	–	–	–	–	303-5795	0R-4316
420F 2 IT	HWD	–	–	10 teeth	12v	331-7010	20R-4762
420F 2 IT	LYC	–	–	–	–	303-5795	0R-4316
420F 2 OEM	NMB	–	–	10 teeth	12v	331-7010	20R-4762
420F IT	JWJ	–	–	10 teeth	12v	331-7010	20R-4762
420F ST	SKR	–	–	10 teeth	12v	331-7010	20R-4762
422E	MAW	–	–	–	–	303-5795	0R-4316
422F	LHB	MD, 2K	CW	–	12v	143-0539	0R-4316
422F	LRH	–	–	–	–	303-5795	0R-4316
422F 2	LYF	MD, 2K	CW	–	12v	143-0539	0R-4316
424	JRB	MD, 2K	CW	–	12v	6V-0492	0R-4316
424 I	H4K	MD, 2K	CW	–	12v	143-0539	0R-4316
426C	1ZR	MD, 2K	CW	–	12v	6V-0492	0R-4316
426C	7WN	MD, 2K	CW	–	12v	143-0539	0R-4316
428E	DXC	–	–	–	–	303-5795	0R-4316
428E	SNL	MD, 2K	CW	–	12v	143-0539	0R-4316

<sup>2</sup> MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Backhoe Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(3)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
428F	LBH	-	-	-	-	303-5795	OR-4316
428F	RAK	-	-	10 teeth	12v	331-7010	20R-4762
428F 2	HWN	-	-	10 teeth	12v	331-7010	20R-4762
428F 2	LYG	-	-	-	-	303-5795	OR-4316
430D	C3J	MD, 2K	CW	-	12v	6V-0492	OR-4316
430D IT	BML	MD, 2K	CW	-	12v	6V-0492	OR-4316
430E	DDT	MD, 2K	CW	-	12v	143-0539	OR-4316
430E	EAT	MD, 2K	CW	-	12v	112-1767	OR-4316
430E IT	MXB	-	-	-	-	303-5795	OR-4316
430E ST	SWC	-	-	-	-	303-5795	OR-4316
430F	HMS	-	-	10 teeth	12v	331-7010	20R-4762
430F	LNH	-	-	-	-	303-5795	OR-4316
430F 2	HWE	-	-	10 teeth	12v	331-7010	20R-4762
430F 2	LYD	-	-	-	-	303-5795	OR-4316
430F 2 IT	HWG	-	-	10 teeth	12v	331-7010	20R-4762
430F 2 IT	LYE	-	-	-	-	303-5795	OR-4316
430F IT	RGS	-	-	10 teeth	12v	331-7010	20R-4762
430F ST	RDF	-	-	10 teeth	12v	331-7010	20R-4762
432D	S6H	MD, 2K	CW	-	12v	6V-0492	OR-4316
432E	JBA	-	-	-	-	303-5795	OR-4316
432E	RXS	MD, 2K	CW	-	12v	143-0539	OR-4316
432F	HRH	-	-	10 teeth	12v	331-7010	20R-4762
432F	LNR	-	-	-	-	303-5795	OR-4316
432F 2	HWP	-	-	10 teeth	12v	331-7010	20R-4762
432F 2	LYJ	-	-	-	-	303-5795	OR-4316
434E	SJL	-	-	-	-	303-5795	OR-4316
434E	SXB	MD, 2K	CW	-	12v	143-0539	OR-4316
434F	FLY	-	-	-	-	394-9674	20R-4880
434F	LHF	-	-	-	-	303-5795	OR-4316
434F	MTR	-	-	10 teeth	12v	331-7010	20R-4762
434F 2	HWR	-	-	10 teeth	12v	331-7010	20R-4762
434F 2	LYK	-	-	-	-	303-5795	OR-4316
436B	6MJ	MD, 2K	CW	-	12v	143-0538	OR-4319
436C	1FR	MD, 2K	CW	-	12v	112-1767	OR-4316
436C	1PR	MD, 2K	CW	-	12v	143-0539	OR-4316
436C	2AR	MD, 2K	CW	-	12v	112-1767	OR-4316
436C	8TN	MD, OS, 2K	CW	-	12v	111-9860	10R-9212
438D	S8J	MD, 2K	CW	-	12v	6V-0492	OR-4316
442E	EME	MD, 2K	CW	-	12v	143-0539	OR-4316
442E	PCR	-	-	-	-	303-5795	OR-4316
444E	NBA	-	-	-	-	303-5795	OR-4316
444F	FBN	-	-	-	-	394-9674	20R-4880
444F	HCR	-	-	10 teeth	12v	331-7010	20R-4762
444F	LJJ	MD, 2K	CW	-	12v	143-0539	OR-4316
444F 2	HWS	-	-	10 teeth	12v	331-7010	20R-4762
444F 2	LYL	-	-	-	-	303-5795	OR-4316
446B	5BL	MD, OS, 2K	CW	-	12v	111-9860	10R-9212
446D	DBL	MD, OS, 2K	CW	-	12v	111-9860	10R-9212
450	8YW	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392

3 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Backhoe Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(4)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
450E	RBA	–	–	–	–	303-5795	0R-4316
450F	HJR	–	–	10 teeth	12v	331-7010	20R-4762
460	9FW	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
465	3HZ	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
470	765	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
470	9TW	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
475	767	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
480	2BZ	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
480	866	HD, OS, WS, 3K	CW	11 teeth	12v	146-3503	10R-7703
485	868	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH35	9DF	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH35-CCE-N	3HS	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH35-N	8RD	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH35-W	ADK	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH45	4DZ	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH45-CCE-N	4KW	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH45-N	ABF	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH45-W	3BK	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH55	3SM	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH55-CCE-N	7TZ	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH55-N	6NN	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH55-W	AEN	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
CH65E	1GM	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH70C	2YL	HD, OS, WS, 30K	CW	12 teeth	12v	6V-3948	10R-0875
CH75E	1HM	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH85C	9TK	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH85D	4GR	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH85E	1NM	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
CH95E	1SM	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
DV87 MTS	9AM	HD, OS, WS, 30K	CW	12 teeth	12v	6V-3948	10R-0875
LEXION 460	665	MD, WS, 2K	CW	10 teeth	12v	207-1510	10R-0392
MT735	AKN	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MT745	ALA	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MT755	ALM	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MT765	AMS	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MT835	BAM	HD, OS, WS, 3K	CW	11 teeth	12v	146-3503	10R-7703
MT845	BBP	HD, OS, WS, 3K	CW	11 teeth	12v	207-1521	10R-7703
MT855	BCC	HD, OS, WS, 3K	CW	11 teeth	12v	205-7687	10R-7703
MT865	BDS	HD, OS, WS, 3K	CW	11 teeth	12v	205-7687	10R-7703
MTC735	812	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MTC755	814	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MTC765	815	HD, OS, WS, 3K	CW	12 teeth	12v	207-1539	10R-7704
MTC845	817	HD, OS, WS, 3K	CW	11 teeth	12v	207-1521	10R-7703
MTC855	818	HD, OS, WS, 3K	CW	11 teeth	12v	205-7687	10R-7703
MTC865	819	HD, OS, WS, 3K	CW	11 teeth	12v	205-7687	10R-7703

4 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Cat Work Tool Starters

Sales Model	S/N Prefix	Attributes <sup>(5)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
QC- LOADER & IT	ELX	HD, OS, WS, 3K	CW	–	24v	6V-5539	20R-2232

## Compactor & Wheel Dozer Starters

Sales Model	S/N Prefix	Attributes <sup>(5)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
814	16Z	HD, OS, WS, 30K	CW	12 teeth	24v	3T-2776	10R-9817
814F	9DM	–	–	–	24v	6V-5538	10R-0399
814F	BGF	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
814F	BXG	HD, OS, WD,30K	CW	12 teeth	24v	343-6505	10R-9817
815	17Z	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
815F	1GN	–	–	–	24v	6V-5227	10R-0399
815F	2BS	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
815F	BKL	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
815F 2	BYN	HD, OS, WD,30K	CW	12 teeth	24v	343-6505	10R-9817
815K	MBB	Os, 40K	CW	12 teeth	24v	436-9104	–
816	15Z	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
816F	5FN	–	–	–	24v	6V-5538	10R-0399
816F	BMR	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
816F	BZR	HD, OS, WD,30K	CW	12 teeth	24v	343-6505	10R-9817
816K	WCL	Os, 40K	CW	12 teeth	24v	436-9104	–
824C	85X	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
824G	4SN	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
824G II	AWW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
824H	ASX	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
824K	234	40K	CW	11 teeth	24v	420-1992	–
824K	RWB	40K	CW	11 teeth	24v	436-9106	–
825C	86X	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
825G	6RN	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
825G II	AXB	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
825H	AZW	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
825K	233	40K	CW	11 teeth	24v	436-9106	–
825K	SEE	40K	CW	11 teeth	24v	420-1992	–
826C	87X	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
826G	7LN	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
826G II	AYH	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
826H	AWF	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
826K	SET	40K	CW	11 teeth	24v	436-9106	–
836	3RL	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
836	7FR	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
836G	7MZ	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
836G	BRL	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
836H	BXD	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
836K	TWZ	HD, OS, WS, 3K	CW	11 teeth	24v	349-6601	20R-1312

<sup>5</sup> MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Compact Wheel Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(6)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
901B	W7A	–	–	–	–	199-2334	–
901B	W7B	–	–	–	NA	270-6296	–
902B	W8A	–	–	–	–	199-2334	–
902B	W8C	–	–	–	NA	270-6296	–
903B	W8B	–	–	–	–	199-2334	–
903B	W8D	–	–	–	NA	270-6296	–
904B	B4L	–	–	–	NA	270-6296	–
904H	H4T	–	–	–	NA	270-6296	–
906	MER	MD, 2K	CW	–	12v	143-0539	0R-4316
906H	TPE	MD, 2K	CW	–	12v	143-0539	0R-4316
907H	SJM	MD, 2K	CW	–	12v	143-0539	0R-4316
908	TAR	MD, 2K	CW	–	12v	143-0539	0R-4316
908H	LMD	MD, 2K	CW	–	12v	143-0539	0R-4316
908H 2 OEM	BP7	–	–	10 teeth	12v	312-7536	–
908H OEM	L5T	–	–	–	12v	364-4130	20R-3882
908M OEM	L23	–	–	10 teeth	12v	312-7536	–
910G II	B9X	–	–	–	–	125-2988	10R-7586
910H	SAT	–	–	–	24v	225-3150	10R-9101
910K	AY4	–	–	–	12v	377-6967	20R-3859
910K	L22	–	–	–	12v	364-4130	20R-3882
910M (T4F HRC)	H22	–	–	10 teeth	12v	364-4127	–
914G	PDF	–	–	–	24v	225-3150	10R-9101
914G 2	KNP	–	–	–	24v	225-3150	10R-9101
914K	CD2	–	–	–	12v	377-6967	20R-3859
914K	L24	–	–	–	12v	364-4130	20R-3882
914M (T4F HRC)	H24	–	–	10 teeth	12v	364-4127	–
918M (T4F HRC)	H26	–	–	10 teeth	12v	364-4127	–
IT14G	FWL	–	–	–	24v	225-3150	10R-9101

## Electronic Rope Shovel Starters

Sales Model	S/N Prefix	Attributes <sup>(6)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
7295	ER3	–	–	–	–	441-8892	10R-9815
7495	ER6	–	–	–	–	490-9973	10R-9815

## Forestry Machine Starters

Sales Model	S/N Prefix	Attributes <sup>(6)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
1090	BZJ	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
1190	BZK	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
1190T	BZL	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
1290T	BZM	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
1390	B3F	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
2384C	KAW	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	–
2384C	KB6	–	–	–	–	354-5671	20R-4877
2390	P3H	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
2470C	W47	–	–	–	na	277-1833	20R-3886

6 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Forestry Machine Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(7)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
2484C	KAZ	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	-
2484C	KB7	-	-	-	-	354-5671	20R-4877
2491	P5J	HD, OS, WS, 30K	CW	-	24v	6V-0590	20R-2232
2510	WHA	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
2570	WFB	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
2570C	F1B	-	-	10 teeth	24v	387-9639	20R-4878
2570D	D25	-	-	10 teeth	24v	387-9639	20R-4878
2670C	B3E	-	-	10 teeth	24v	387-9639	20R-4878
2670D	D26	-	-	10 teeth	24v	387-9639	20R-4878
2748	PCL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
2864C	SP4	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
320D FM	BW2	-	-	-	-	354-5671	20R-4877
322C FM HW	CBY	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
322C FM HW	LAR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
322C FM LGP	SLX	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
322C FM ST	BPH	HD, OS, WS, 3K	CW	-	24v	106-8558	10R-0397
322C FM ST	M2H	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
324D FM	JKR	-	-	-	-	394-9674	20R-4880
325C FM HW	M2K	HD, OS, WS, 3K	CW	-	24v	106-8559	10R-0397
325C FM HW	Y4P	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
325C FM ST	G1L	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
330C FM HW	B1K	HD, OS, WS, 3K	CW	11 teeth	24v	197-0986	0R-5209
330C FM HW	B2L	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
330C FM HW	B4N	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330C FM ST	B3M	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
345C FM HEEL	A3L	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
511	511	HD, OS, WS, 30K	CW	-	24v	6V0590	20R-2232
518C	1CL	-	-	-	24v	1W3851	10R-0399
518C	9HJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
521	521	HD, OS, WS, 30K	CW	-	24v	6V0590	20R-2232
521B	F7B	HD, OS, 3K	CW	12 teeth	24v	338-3457	20R-2232
522	522	HD, OS, WS, 30K	CW	-	24v	6V0590	20R-2232
522B	F7C	HD, OS, 3K	CW	12 teeth	24v	338-3457	20R-2232
525B	3KZ	-	-	-	24v	6V5538	10R-0399
525C	525	-	-	-	24v	6V5538	10R-0399
525C OEM	M3B	-	-	-	24v	6V5538	10R-0399
525D	2L5	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	-
525D	GKP	OS, 40K	CW	12 teeth	24v	436-9104	-
527	J68	-	-	10 teeth	24v	387-9639	20R-4878
527	JSR	-	-	-	24v	6V5538	10R-0399
527	PTR	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
528B	8SJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
530B	5BK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
532	532	HD, OS, WS, 30K	CW	-	24v	6V-0590	20R-2232
533	CDR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
535B	AAE	-	-	-	24v	6V-5538	10R-0399
535C	535	-	-	-	24v	6V-5538	10R-0399

7 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Forestry Machine Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(8)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
535D	3L5	–	–	–	–	389-5833	–
535D	MTP	OS, 40K	CW	12 teeth	24v	436-9104	–
538 LL	KBJ	–	–	–	–	354-5671	20R-4877
539	1PZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
541	541	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
541 SERIES 2	F7D	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
543	ASJ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
545	2FZ	–	–	–	24v	6V-5538	10R-0399
545C	545	–	–	–	24v	6V-5538	10R-0399
545C OEM	M5M	–	–	–	24v	6V-5538	10R-0399
545D	4L5	OS, 40K	CW	12 teeth	24v	436-9104	–
545D	KGP	–	–	–	–	288-6976	20R-3857
545D OEM	H23	OS, 40K	CW	12 teeth	24v	436-9104	–
550B	SAW	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
552	552	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
552 SERIES 2	F7G	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
553C	W53	–	–	–	na	277-1833	20R-3886
555D	5L5	OS, 40K	CW	12 teeth	24v	436-9104	–
555D	PGY	–	–	–	–	288-6976	20R-3857
558 LL	LRT	–	–	–	–	354-5671	20R-4877
559C	KAS	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	–
559C	KB4	–	–	–	–	354-5671	20R-4877
560B	TRA	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
563C	W63	–	–	10 teeth	24v	387-9639	20R-4878
563D	D63	–	–	10 teeth	24v	387-9639	20R-4878
570B	CKG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
573C	RJT	–	–	10 teeth	24v	387-9639	20R-4878
573D	D73	–	–	10 teeth	24v	387-9639	20R-4878
574B	CZZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
579C	KAX	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	–
579C	KB5	–	–	–	–	354-5671	20R-4877
580B	CLT	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
584	109	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
586C	SL5	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
TK1051	9HZ	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
TK370	WBD	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK371	WBG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK380	WBE	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK381	WBH	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK711	101	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
TK711	TKA	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK721	102	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
TK721	TKB	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK722	103	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
TK722	TKC	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
TK732	104	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
TK741	202	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232

8 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Forestry Machine Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(9)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
TK751	301	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232
TK752	302	HD, OS, WS, 30K	CW	–	24v	6V-0590	20R-2232

## Generators/Captive Starters

Sales Model	S/N Prefix	Attributes <sup>(9)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
3013C	KEE	–	–	–	12v	339-2900	20R-4256
3024C	KRD	–	–	–	12v	339-2900	20R-4256
3116	3AF	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
3116	7TM	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
3176C	LSD	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
3196	LSG	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
3306	BME	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
3306B	LSA	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
3406E	4AS	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
3406E	KEM	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
3406E	RET	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
3512C	SHL	HD, OS, WS, 30K	CW	–	24v	3T-2787	20R-2232
3516	7CL	–	CCW	–	Air	455-7682	–
3516B	ZPR	HD, OS, WS, 30K	CW	–	24v	6T-0647	20R-2232
C12	R1D	HD, OS, WS, 3K	CW	11 teeth	12v	6V-4213	10R-0401
C12	RTW	HD, OS, WS, 3K	CW	11 teeth	12v	207-1521	10R-7703
C15	C2A	HD, OS, WS, 30K	CW	11 teeth	12v	3E-7863	10R-0401
C27	LET	HD, OS, WS, 30K	CW	–	24v	3T-2780	20R-2232
C32	KCM	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069

## Hydraulic Shovel Starters

Sales Model	S/N Prefix	Attributes <sup>(9)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
6015	DHB	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
6015 FS	DHF	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
6018	DHT	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
6018 FS	DHD	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
6020B	DNR	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
6030	DHL	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
6030 FS	DHG	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
6040	DHJ	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
6040 FS	DHX	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
6060	DHN	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
6060 FS	DH3	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–

<sup>9</sup> MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Hydraulic Track Drill Starters

Sales Model	S/N Prefix	Attributes <sup>(10)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
MD5050	DR8	–	–	–	24v	6V-5538	10R-0399
MD5050T	DR9	–	–	–	24v	6V-5538	10R-0399
MD5075	SER	–	–	–	24v	6V-5538	10R-0399
MD5075C	SXR	–	–	–	24v	6V-5538	10R-0399
MD5090	SEW	–	–	–	24v	6V-5538	10R-0399
MD5125	SEZ	–	–	–	–	389-5796	–
MD5150	SEY	–	–	–	–	389-5796	–
MD6290	DR3	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
MD6290	DT8	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
MD6420C	DN6	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
MD6420C	DS9	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
MD6420C	DW9	HD, OS, WS, 3K	CW	11 teeth	24v	349-6523	20R-1312
MD6540	DR5	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–
MD6540C	DS4	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–

## Large Mining Excavator Starters

Sales Model	S/N Prefix	Attributes <sup>(10)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
5110B	AAA	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
5110B	AAK	HD, OS, WS, 30K	CW	–	24v	3T-2787	20R-2232
5110B	AAT	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
5130B	4CS	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
5230	7LL	–	CCW	–	Air	455-7682	–
5230B	4HZ	–	CCW	–	Air	455-7682	–

## Large Mining Truck Starters

Sales Model	S/N Prefix	Attributes <sup>(10)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
784B	5RK	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
784C	2PZ	–	–	–	Air	111-7087	–
785B	6HK	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
785C	1HW	–	–	–	Air	4Q-5612	0R-9857
785C	APX	–	CCW	–	Air	455-7682	–
785C HA	5AZ	–	CCW	–	Air	455-7682	–
785D	MSY	–	CCW	–	Air	455-7682	–
785D OEM	DMC	–	CCW	–	Air	455-7682	–
785G	RTL	OS, WS, 30K	CW	11 teeth	24v	423-4163	–
789B	7EK	–	CCW	–	Air	455-7682	–
789C	2BW	–	CCW	–	Air	455-7682	–
789D	SPD	–	Standard	11 teeth	Air	380-2339	10R-9657
789D XQ	SHH	–	Standard	11 teeth	Air	380-2339	10R-9657
793C	4GZ	–	CCW	–	Air	455-7682	–
793C	ATY	–	–	–	Air	111-7087	–
793C	CBR	–	–	–	Air	380-2368	10R-9656
793D	FDB	–	CCW	–	Air	455-7682	–
793F	D3T	–	–	12 teeth	Air	461-7416	–
793F	SSP	–	Standard	11 teeth	Air	380-2339	10R-9657

10 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Large Mining Truck Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(11)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
793F AC	EMD	-	-	12 teeth	Air	461-7416	-
793F CMD	RBT	-	-	12 teeth	Air	461-7416	-
793F OEM	SXP	-	-	12 teeth	Air	461-7416	-
793F XQ	SND	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-
794 AC	MT5	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-
795F AC	ERM	OS, 50K	CW	11 teeth	24v	496-4960	-
795F XQ	SNT	OS, 50K	CW	11 teeth	24v	496-4960	-
797	5YW	-	CCW	-	Air	455-7682	-
797B	JSM	-	CCW	-	Air	455-7682	-
797F	LAJ	-	-	-	Air	275-6387	-
797F XQ	WSP	-	Standard	-	Air	378-3236	20R-0465

## Large Track-Type Tractor Starters

Sales Model	S/N Prefix	Attributes <sup>(11)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D10N	2YD	-	-	-	-	352-9848	20R-3250
D10N	3SK	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
D10R	AKT	-	-	-	-	352-9848	20R-3250
D10T	JJW	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
D10T	RJG	-	-	-	-	352-9848	20R-3250
D11N	4HK	HD, OS, WS, 3K	CW	11 teeth	24v	338-3456	10R-9816
D11N	74Z	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
D11R	7PZ	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
D11R CD	AAF	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
D11T	DDD	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
D11T	GEB	HD, OS, WS, 30K	CW	-	24v	6V-0590	20R-2232
D11T	JNS	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
D11T	MDG	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
D11T	RAL	HD, OS, WS, 3K	CW	11 teeth	24v	338-3456	10R-9816
D11T CD	TPB	HD, OS, WS, 30K	CW	-	24v	6V-0590	20R-2232
D9L	14Y	-	-	-	-	352-9848	20R-3250
D9N	1JD	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
D9N	6XJ	HD, OS, WS, 3K	CW	11 teeth	24v	338-3456	10R-9816
D9R	ABK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D9R	ACL	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
D9R	HWH	-	-	-	-	352-9848	20R-3250
D9T	REX	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
D9T	RJS	-	-	-	-	352-9848	20R-3250
D9T	TWG	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312

## Large Wheel Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(11)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
834	92Z	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
834B	7BR	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
834G	6GZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232

11 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Large Wheel Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(12)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
834G	BPC	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
834H	BTX	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
834K	LWY	HD, OS, WS, 3K	CW	11 teeth	24v	349-6601	20R-1312
844	2KZ	HD, OS, WS, 30K	CW	-	24v	3T2787	20R-2232
844	BBN	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
844H	BTW	30K	cw	11 teeth	24v	357-7354	10R-9815
844K	KLS	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
854G	1JW	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
854G	A4W	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
854K	221	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069
854K	KK3	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
854K	RM3	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
854K 2	H9K	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
986H	L8S	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
986K	MH8	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
988B	50W	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
988B	62Y	HD, OS, WS, 30K	CW	-	24v	3T-8957	20R-2232
988F	2ZR	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
988F	8YG	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
988G	1NZ	HD, OS, WS, 3K	CW	-	24v	6V-5539	20R-2232
988G	2TW	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
988G	BNH	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
988H	BXY	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
988K	LWX	HD, OS, WS, 3K	CW	11 teeth	24v	349-6601	20R-1312
988K XE	EWX	HD, OS, WS, 3K	CW	11 teeth	24v	349-6601	20R-1312
990	7HK	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
990 II	4FR	-	-	-	24v	6V-5538	10R-0399
990 II	BCR	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
990H	BWX	30K	cw	11 teeth	24v	357-7354	10R-9815
990K	A9P	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
990K	DJK	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
991K	530	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069
992C	42X	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
992C	49Z	HD, OS, WS, 30K	CW	-	24v	3T-2787	20R-2232
992D	7MJ	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
992G	ADZ	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
992G	AZX	HD, OS, WS, 3K	CW	11 teeth	24v	338-3456	10R-9816
992K	880	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
992K	H4C	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069
992K	RM2	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
992K 2	ZMX	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
992X	Z4X	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069
993K	LWA	-	-	-	-	10R-9815	10R-9815
993K	Z4D	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312
993K	Z9K	HD, OS, WS, 30K	CCW	11 teeth	24v	363-9837	20R-5069
993K 2	Z4Z	HD, OS, WS, 3K	CW	11 teeth	24v	349-6571	20R-1312

12 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Large Wheel Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(13)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
994D	3TZ	-	CCW	-	Air	455-7682	-
994F	442	-	CCW	-	Air	455-7682	-
994H	DWC	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816

## Large Hydraulic Excavator Starters

Sales Model	S/N Prefix	Attributes <sup>(13)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
330	5YM	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
330	6SK	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
330	8RL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
330	9PJ	-	-	-	-	207-1545	0R-5207
330B	3YR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
330C L	GKX	HD, OS, WS, 3K	CW	11 teeth	24v	197-0986	0R-5209
330C OEM	MSD	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330D L	MWP	HD, OS, WS, 3K	CW	11 teeth	24v	197-0986	0R-5209
330D LN OEM	GMN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330D OEM	H3D	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D	PGW	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D LN OEM	L5K	-	-	-	-	394-9674	20R-4880
336D 2	EFT	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2 L OEM	EF3	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2 L OEM	MZE	-	-	-	-	10R-9815	10R-9815
336D 2 OEM	SM3	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2GC	FBT	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2GC	NBN	-	-	-	-	10R-9815	10R-9815
336D 2GC OEM	MGE	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2H	MFA	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2L	HBK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2L	XBH	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
336D 2L	ZCT	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
336D 2LH	NAH	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2LOEM	GGH	-	-	-	-	10R-9815	10R-9815
336D 2LOEM	HBZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D 2XE	LBX	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D L	J2F	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
336D L	KDJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D L OEM	JRX	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D L SB OEM	NBZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D LN	MYG	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
336E H	HDW	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R1312
336E L	JRJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336E L H	JEA	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336E L OEM	DSZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336E L OEM	G42	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336E LN H	SSL	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336E OEM	T3Z	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312

13 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Large Hydraulic Excavator Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(14)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
336F	YFD	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F H	NAJ	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F L	ZBJ	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F L H	PFL	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F L OEM	B39	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F LN	LJY	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F LN H	MTW	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F LNXE	YBH	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F LXE	DFY	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336F OEM	B34	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
340D 2L	JEE	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
340D L	JTN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
340F	WBX	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
345B	5WS	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
345B II	DCW	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
345B II LC-FIX	AKX	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
345B L II	CDJ	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
345C	TDG	HD, OS, WS, 3K	CW	11 teeth	24v	269-2757	20R-3250
345C OEM	B6N	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
345C OEM	NRF	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345D LC-VG	LKY	HD, OS, WS, 3K	CW	11 teeth	24v	269-2757	20R-3250
345D LC-VG	NLM	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345D OEM	L5R	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345D OEM	P5D	HD, OS, WS, 3K	CW	11 teeth	24v	269-2757	20R-3250
349D	GKF	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D 2	YAG	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D 2 OEM	CE4	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D 2 OEM	P27	HD, OS, WS, 3K	CW	11 teeth	24v	269-2757	20R-3250
349D 2L	TAH	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D 2OEM	FH3	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D L	FLA	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D L OEM	MCX	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349D L-VG	KHS	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349E L	TFG	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
349E LC-VG	DGE	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
349E OEM	FKF	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
349E OEM	S3P	-	-	-	-	394-9674	20R-4880
349F	HLB	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
349F L	HPD	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
349F LXE	RAX	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
349F LXE	SFG	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
349F V-VG	WNA	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
350	2ZL	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
350 L	9DK	-	-	-	24v	6V-5538	10R-0399
352F	XAL	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
352F (VG)	YEG	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753

14 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Large Hydraulic Excavator Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(15)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
352F MH OEM	B38	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
352F OEM	B36	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
352FVG	A9J	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
352F XE-VG	SD2	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
365C L OEM	GSZ	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
374D OEM	JNZ	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
374E L OEM	JKC	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
374F	AT2	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
374F	MFL	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
374F L	DNM	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
374F L	P4L	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
374F OEM	H25	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
375	8WJ	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
375 L	6RL	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
385C OEM	MSF	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
390D L OEM	M1M	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
390F	HSM	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
390F L	P4J	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
390F L OEM	N64	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
390F MH OEM	H27	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
5080	6XK	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209

## Material Handler Starters

Sales Model	S/N Prefix	Attributes <sup>(15)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
325C MH	S2C	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
325D MH FCR	RJK	-	-	-	-	394-9674	20R-4880
325D MH HCR	C4H	-	-	-	-	394-9674	20R-4880
329D L SB OEM	L5H	-	-	-	-	394-9674	20R-4880
330C MH	D3C	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330D MH FCR	LEM	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330D MH HCR	C5K	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
330D WH	JJM	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D HVG UHD OEM	M3N	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D L UHD OEM	M3M	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336D LN SB OEM	M3S	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
336E HVG UHD OEM	RBS	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
336E L UHD OEM	PCE	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
345B II MH	APB	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
345C HVG UHD OEM	M3F	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345C L UHD OEM	L5B	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345C LVG UHD OEM	M3E	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
345C MH FCR	M2R	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250

15 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Material Handler Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(16)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
345C MH HCR	D3S	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
349E HVG UHD OEM	JAE	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-6753
385C L MH OEM	M3P	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
385C LVG UHD OEM	M3W	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
385C MH OEM	E1Y	OS, WS,30K	CW	11 teeth	24v	478-9866	20R-6752
385C MH OEM	M4E	30K	CW	11 teeth	24v	357-7354	10R-9815
390F MH OEM	B37	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
M325B MH	BGN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
MH3027	MYR	-	CW	10 teeth	24v	341-7602	-
MH3037	JLH	OS	CW	10	24v	482-3187	-
MH3037	JPB	-	CW	10 teeth	24v	341-7602	-
MH3049	HPB	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
MH3059	RBR	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
MH3295	PA9	HD, OS,WS,30K	CW	11 teeth	24v	478-9867	20R-6753
W330B MH	AME	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
W345B II MH	ANJ	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
W345B II MH	CDY	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
W345C MH FCR	R5K	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250

## Medium Hydraulic Excavator Starters

Sales Model	S/N Prefix	Attributes <sup>(16)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
320	HEX	50K	CW	10 teeth	24v	432-1691	20R-4881
320 GC	KTN	50K	CW	10 teeth	24v	432-1691	20R-4881
320C OEM	MSN	-	-	-	-	125-2988	10R-7586
320D	MZD	-	-	-	-	354-5671	20R-4877
320D 2	WDJ	-	-	-	-	354-5671	20R-4877
320D 2 GC OEM	EG1	-	CW	10 teeth	24v	357-5205	-
320D 2GC	JFM	-	-	-	-	354-5671	20R-4877
320D 2GC	NBH	-	-	-	24v	225-3150	10R-9101
320D 2GC	ZBH	-	CW	10 teeth	24v	357-5205	-
320D 2L	ESG	-	-	-	-	354-5671	20R-4877
320D 2L OEM	K22	-	-	-	-	354-5671	20R-4877
320D GC	JZA	-	-	-	-	354-5671	20R-4877
320D GC OEM	A23	-	-	-	-	354-5671	20R-4877
320D L	KZF	-	-	-	-	354-5671	20R-4877
320D OEM	BK8	-	-	-	-	354-5671	20R-4877
320E	AWS	-	-	-	-	354-5671	20R-4877
320E	SHX	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	-
320E	SXE	-	-	-	-	288-6976	20R-3857
320E L	NAZ	-	-	-	-	288-6976	20R-3857
320E L	WBK	-	-	-	-	354-5671	20R-4877
320E L OEM	FH8	-	-	-	-	354-5671	20R-4877
320E LN	DFG	-	-	-	-	354-5671	20R-4877
320E LRR	MEW	-	-	-	-	354-5671	20R-4877
320E LRR	PNL	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	-

MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Medium Hydraulic Excavator Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(17)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
320E OEM	EGX	-	-	-	-	354-5671	20R-4877
320E RR	LHN	-	-	-	-	354-5671	20R-4877
320E RR OEM	S7A	-	-	-	-	354-5671	20R-4877
320F L	NHD	-	-	10	24v	382-6587	20R-4881
322	8ML	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
322C	HEK	HD, OS, WS, 3K	CW	-	24v	106-8559	10R-0397
323D 2L	YCR	-	-	-	-	354-5671	20R-4877
323D 2L OEM	FEF	-	-	-	-	354-5671	20R-4877
323D 2LOEM	FH4	-	-	-	-	354-5671	20R-4877
323D L	NZF	-	-	-	-	354-5671	20R-4877
323D L OEM	L5Z	-	-	-	-	354-5671	20R-4877
323D OEM	FAW	-	-	-	-	394-9674	20R-4880
323D OEM	GRL	-	-	-	-	125-2988	10R-7586
323D OEM	GRN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
323E L	RAP	-	-	-	-	354-5671	20R-4877
323E L OEM	FH7	-	-	-	-	354-5671	20R-4877
323E LN	TDW	-	-	-	-	354-5671	20R-4877
323E SA	YRP	-	-	-	-	354-5671	20R-4877
323F L	NCW	-	-	-	-	354-5671	20R-4877
323F LN	YEC	-	-	10	24v	382-6587	20R4881
323F OEM	P39	-	-	-	-	354-5671	20R-4877
323F SA OEM	P7P	50K	CW	10 teeth	24v	432-1691	20R-4881
324D	MND	HD, OS, WS, 3K	CW	-	24v	106-8559	10R-0397
324D L	BTK	-	-	-	-	394-9674	20R-4880
324D L	PYT	HD, OS, WS, 3K	CW	-	24v	106-8557	10R-0397
324D LN	TRH	-	-	-	-	394-9674	20R-4880
324D LN OEM	KJR	-	-	-	-	394-9674	20R-4880
324D OEM	LBW	-	-	-	-	394-9674	20R-4880
324E L OEM	K32	-	-	-	-	354-5671	20R-4877
324F L	WGL	-	-	-	-	354-5671	20R-4877
325	5WK	MD OS 20K	CW	10 teeth	24v	3E-5381	0R-4317
325	6KK	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
325B	6DN	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
325C OEM	MSG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
325D L	T2S	-	-	-	-	394-9674	20R-4880
325D L OEM	X3N	-	-	-	-	394-9674	20R-4880
325D OEM	SRC	-	-	-	-	394-9674	20R-4880
325F	XAA	50K	CW	10 teeth	24v	432-1691	20R-4881
325F LCR	YCA	50K	CW	10 teeth	24v	432-1691	20R-4881
326D 2	KGY	-	-	-	-	354-5671	20R-4877
326D 2L	JFL	-	-	-	-	354-5671	20R-4877
326D 2L OEM	HM4	-	-	-	-	354-5671	20R-4877
326D 2OEM	F3Y	-	-	-	-	354-5671	20R-4877
326D L	PJM	-	-	-	-	394-9674	20R-4880
326F	SGK	-	-	-	-	354-5671	20R-4877
326F L	XFK	-	-	-	-	354-5671	20R-4877
326F L OEM	CJ8	-	-	-	-	354-5671	20R-4877
328D LCR	RMX	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
328D LCR	SWF	-	-	-	-	394-9674	20R-4880

17 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Medium Hydraulic Excavator Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(18)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
328D LCR OEM	JTC	–	–	–	–	394-9674	20R-4880
329D	DTZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
329D 2	SHJ	–	–	–	–	354-5671	20R-4877
329D 2L	THW	–	–	–	–	354-5671	20R-4877
329D 2L OEM	HER	–	–	–	–	354-5671	20R-4877
329D L	WLT	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
329D L	XDB	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
329D L OEM	J8D	–	–	–	–	394-9674	20R-4880
329D L OEM	L5G	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
329D LN	EBM	–	–	–	–	394-9674	20R-4880
329E OEM	KNR	–	–	–	–	354-5671	20R-4877
329F	YHA	–	–	–	–	354-5671	20R-4877
329F L OEM	B33	–	–	–	–	354-5671	20R-4877
330D 2L OEM	EX7	–	–	–	–	354-5671	20R-4877
330F L	WBA	–	–	–	–	354-5671	20R-4877
330F L OEM	H5R	–	–	–	–	354-5671	20R-4877
330F LN	LBN	–	–	–	–	354-5671	20R-4877
330F LN OEM	LNK	–	–	–	–	354-5671	20R-4877
330F OEM	HA3	–	–	–	–	354-5671	20R-4877
335F	KNE	–	–	–	–	354-5671	20R-4877
335F LCR OEM	KHM	–	–	–	–	354-5671	20R-4877

## Medium Track-Type Tractor Starters

Sales Model	S/N Prefix	Attributes <sup>(18)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D5R LGP	D5L	OS, 40K	CW	12 teeth	24v	436-9104	–
D5R XL	D5X	OS, 40K	CW	12 teeth	24v	436-9104	–
D5R XL	R5A	–	–	10 teeth	24v	387-9639	20R-4878
D5R XL	WRE	HD, OS, 35K	CW	12 teeth	24V	424-6652	–
D5T	P5T	HD, OS, 35K	CW	12 teeth	24V	424-6652	–
D6D	31X	HD, OS, WS, 30K	CW	12 teeth	24v	3T-2776	10R-9817
D6G	P6G	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
D6G II LGP	C6X	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
D6H	1FJ	–	–	–	24v	6V-5227	10R-0399
D6H	4LG	–	–	–	24v	207-1560	10R-0399
D6H	4YF	HD, OS, WS, 3K	ccw	12 teeth	24v	207-1547	10R-0398
D6H LGP	2TG	–	–	–	24v	207-1555	10R-0399
D6H LGP	3YG	HD, OS, WS, 30K	CW	12 teeth	24v	3T-2776	10R-9817
D6H XL	9LK	–	–	–	24v	207-1561	10R-0399
D6H XL	9RK	–	–	–	24v	6V-5538	10R-0399
D6H XR	2BL	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
D6H XR	2TL	–	–	–	24v	1W-3851	10R-0399
D6K 2	MXK	–	–	–	–	354-5671	20R-4877
D6K 2 LGP	JTR	–	–	–	24v	475-7412	–
D6K 2 LPG	RST	–	–	–	–	354-5671	20R-4877
D6K 2 XL	DFR	–	–	–	24v	475-7412	–
D6K 2 XL	WMR	–	–	–	–	354-5671	20R-4877
D6K 2XL	6S6	–	–	–	–	354-5671	20R-4877

# Cat Starters

## Medium Track-Type Tractor Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(19)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D6K LGP	DHA	-	-	10 teeth	24v	387-9639	20R-4878
D6K XL	FBH	-	-	10 teeth	24v	387-9639	20R-4878
D6N LGP	DJY	HD, OS, WS, 3K	CW	13 teeth	24v	330-3123	20R-3884
D6N LGP	MG5	OS, 40K	CW	12 teeth	24v	436-9104	-
D6N LGP	PBA	-	-	-	-	389-5833	-
D6N LGP OEM	SC6	OS, 40K	CW	12 teeth	24v	436-9104	-
D6N XL	DJA	HD, OS, WS, 3K	CW	13 teeth	24v	301-2744	20R-3884
D6N XL	GB6	OS, 40K	CW	12 teeth	24v	436-9104	-
D6N XL	PER	-	-	-	-	389-5833	-
D6R	DMP	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R	EMM	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
D6R	SSS	-	-	-	-	390-0788	-
D6R II XL	AAX	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
D6R II XL	AGM	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
D6R II XW	DAE	-	-	-	-	10R-9815	10R-9815
D6R III	TBC	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R III LGP	DMK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R III XL	EXL	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R III XW	MRT	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R IIIP LGP	DLM	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R IIIP XL	HKE	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R IIIP XW	MTJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R LGP	8LN	-	-	-	24v	6V-5538	10R-0399
D6R LGP	9PN	-	-	-	24v	6V-5227	10R-0399
D6R LGP	PPP	-	-	-	-	390-0788	-
D6R LGP X	S6Y	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R X	C6Z	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R XL	4JR	-	-	-	24v	6V-5226	10R-0399
D6R XL	7GR	HD, OS, WS, 3K	CW	-	24v	128-3172	10R-0938
D6R XL	JEN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R XL	TTT	-	-	-	-	390-0788	-
D6R XL X	S6T	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6R XR	6HR	-	-	-	-	6V-4940	0R-5207
D6R XR	7DR	-	-	-	24v	207-1555	10R-0399
D6T	SMC	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T LGP	JML	40K	CW	11 teeth	24v	436-9106	-
D6T LGP	KJL	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T LGP	SGT	-	-	-	-	389-5799	-
D6T LGP	ZJB	-	-	-	24v	461-6550	-
D6T LGP OEM	PLR	-	-	-	24v	461-6550	-
D6T LGP PAT	KSB	-	-	-	24v	461-6550	-
D6T LGP PAT	RAD	-	-	-	-	389-5799	-
D6T LGP VPAT	K1R	40K	CW	11 teeth	24v	436-9106	-
D6T P LGP	JWD	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T P XL	WFH	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T P XW	RLW	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T XL	2B3	-	-	-	-	389-5799	-
D6T XL	GCT	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232

19 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Medium Track-Type Tractor Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(20)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D6T XL	GMK	-	-	-	24v	461-6550	-
D6T XL PAT	JZC	-	-	-	24v	461-6550	-
D6T XL PAT	SGA	-	-	-	-	389-5799	-
D6T XL VPAT	HYT	40K	CW	11 teeth	24v	436-9106	-
D6T XW	MB5	-	-	-	-	389-5796	-
D6T XW	SKL	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D6T XW	TMY	-	-	-	-	389-5799	-
D6T XW	WLM	-	-	-	24v	461-6550	-
D6T XW PAT	RCW	-	-	-	24v	461-6550	-
D6T XW PAT	STE	-	-	-	-	389-5799	-
D6T XW VPAT	JNM	40K	CW	11 teeth	24v	436-9106	-
D7E	MDB	HD,OS,30K	CW	11 teeth	24v	345-1354	-
D7E	TAN	HD, OS, WS, 30K	CW	11 teeth	24v	348-3303	-
D7E LGP	SCG	HD,OS,30K	CW	11 teeth	24v	345-1354	-
D7E LGP	TJA	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
D7G	C7G	HD, OS, WS, 30K	CW	12 teeth	24v	3T-2776	10R-9817
D7H	2RG	-	-	-	24v	207-1561	10R-0399
D7H	4AB	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
D7H LGP	4FG	-	-	-	-	6V-4940	0R-5207
D7H LGP	80Z	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
D7R	2HR	-	-	-	24v	6V-5538	10R-0399
D7R	5KZ	HD, OS, WS, 3K	CW	-	24v	6V-5539	20R-2232
D7R	5MR	-	-	-	24v	6V-5227	10R-0399
D7R	CBZ	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
D7R	R7B	-	-	-	-	10R-9815	10R-9815
D7R II	ACS	HD, OS, WS, 3K	CW	-	24v	128-3172	10R-0938
D7R II	BRM	-	-	-	-	10R-9815	10R-9815
D7R II	KNA	HD, OS, WS, 3K	CW	-	24v	6V-5539	20R-2232
D7R II LGP	ABJ	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
D7R II LGP	AFG	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
D7R II XR	AGN	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
D7R II XR	EEA	HD, OS, WS, 3K	CW	-	24v	6V-5539	20R-2232
D7R LGP	3DN	-	-	-	24v	207-1554	10R-0399
D7R LGP	4SR	-	-	-	24v	4N-3181	10R-0399
D7R LGP	DLN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D7R XR	DJR	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D8L	53Y	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
D8N	7TK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D8R	JR8	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
D8R	MEJ	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
D8R	T5X	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
D8R II	AKA	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
D8T	FMC	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
D8T	KPZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
D8T	MLN	-	-	-	-	10R-9815	10R-9815

20 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Medium Wheel Loader Starters

Sales Model	S/N Prefix	Attributes (21)	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
936F	9MK	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
950 GC	M5K	-	-	-	-	354-5671	20R-4877
950 GC	M5T	HD,OS,35K	CW	12 teeth	24V	424-6652	-
950E	22Z	-	-	-	24v	6V-5226	10R-0399
950F II	6LL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
950G	2JS	HD, OS, WS, 3K	CW	-	24v	106-8558	10R-0397
950G	3JW	HD, OS, WS, 3K	CW	-	24v	106-8557	10R-0397
950G II	AYB	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
950G II	BAA	HD, OS, WS, 3K	CW	-	24v	106-8557	10R-0397
950H	JLX	-	-	-	-	390-0787	-
950H	M1G	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
950K	R4A	-	-	-	-	354-5671	20R-4877
950L	LXX	OS, 40K	CW	12 teeth	24v	436-9104	-
950M	EMB	OS, 40K	CW	12 teeth	24v	436-9104	-
950M	ENE	HD,OS,35K	CW	12 teeth	24V	424-6652	-
960F	6XL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
962G II	AXY	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
962H	K6K	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
962H	PCW	-	-	-	-	390-0787	-
962H OEM	L5S	-	-	-	-	390-0787	-
962K	FLL	-	-	-	-	354-5671	20R-4877
962L	MTN	OS, 40K	CW	12 teeth	24v	436-9104	-
962M	F2T	-	-	-	-	389-5833	-
962M	LSE	HD,OS,35K	CW	12 teeth	24V	424-6652	-
962M	SA8	OS, 40K	CW	12 teeth	24v	436-9104	-
966E	6ZC	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
966F II	4YG	-	-	-	-	354-5671	20R-4877
966G	AAH	-	-	-	24v	6V-5538	10R-0399
966G II	ANT	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
966G II	AXL	-	-	-	24v	6V-5226	10R-0399
966H	A6D	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
966H	BS6	HD, OS, WS, 30K	CW	13 teeth	24v	363-9839	10R-8909
966H OEM	CYR	HD, OS, WS, 30K	CW	13 teeth	24v	363-9839	10R-8909
966K	TFS	-	-	-	-	350-8694	10R-9815
966K XE	NGX	-	-	-	-	350-8694	10R-9815
966L	FRS	-	-	-	-	350-8694	10R-9815
966M	LMM	-	-	-	-	350-8694	10R-9815
966M	R8D	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
966M XE	P6C	-	-	-	-	350-8694	10R-9815
970F	9JK	-	-	-	24v	6V-5227	10R-0399
972G	1EW	-	-	-	24v	6V-5538	10R-0399
972G	8TS	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
972G II	AWP	-	-	-	24v	207-1561	10R-0399
972H	A7J	HD, OS, WS, 30K	CW	13 teeth	24v	363-9839	10R-8909
972H	WXZ	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
972K	Z4W	-	-	-	-	350-8694	10R-9815
972L	RFB	-	-	-	-	350-8694	10R-9815
972M	GGN	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209

21 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Medium Wheel Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(22)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
972M	M8W	–	–	–	–	350-8694	10R-9815
972M XE	EDW	–	–	–	–	350-8694	10R-9815
980C	2XD	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
980F	3HK	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
980F	4RN	HD, OS, WS, 3K	CW	–	24v	124-9780	10R-0936
980G	2KR	HD, OS, WS, 3K	CW	–	24v	124-9780	10R-0936
980G II	AWH	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
980H	JMS	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
980H	PF8	–	–	–	–	10R-9815	10R-9815
980H II	MKP	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
980H OEM	P8B	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
980K	W7K	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
980K OEM	NEP	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
980L	D8Z	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
980M	N8T	–	–	–	–	350-8694	10R-9815
982M	K1Y	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
982M	LRS	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
IT62H	M5G	–	–	–	–	390-0787	–
LH85	TLA	–	–	–	24v	6V-5538	10R-0399
LH90	TLB	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232

## Mini Hydraulic Excavator Starters

Sales Model	S/N Prefix	Attributes <sup>(22)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
300.9D	LJM	–	CW	9 teeth	12v	373-9707	–
300.9D VPS	DW2	–	CW	9 teeth	12v	373-9707	–
301.4C	LJK	–	CW	9 teeth	12v	373-9707	–
301.7D	LJH	–	CW	9 teeth	12v	373-9707	–
301.7D CR	LJD	–	CW	9 teeth	12v	373-9707	–
302.4D	LJ6	–	CW	9 teeth	12v	373-9707	–
302.7D	LJ7	–	CW	9 teeth	12v	373-9707	–
306	MXH	–	–	–	–	185-9157	–

## Motor Grader Starters

Sales Model	S/N Prefix	Attributes <sup>(22)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
112E	24H	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
120 AWD	Y9D	OS, 40K	CW	12 teeth	24v	436-9104	–
120G	4HD	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
120H	CAF	HD, OS, WS, 3K	CW	–	24v	106-8558	10R-0397
120K	JAP	HD, Os, 30K	CW	12 teeth	24v	339-5406	20R-3759
120K 2 OEM	SZZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
120K Series 2	SZS	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
120M	B9C	HD, OS, WS, 40K	CW	11 teeth	24v	389-5799	–
120M	RMV	HD, OS, WS, 3K	CW	–	24v	6V-5539	20R-2232
120M 2	M9C	HD, OS, WS, 3K	CW	11 teeth	24v	349-9076	–

22 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Medium Wheel Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(23)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
120M 2	M9H	HD, OS, WS, 40K	CW	11 teeth	24v	465-6932	-
120M 2 OEM	M92	40K	CW	11 teeth	24v	465-6932	-
12G	3WC	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
12H	2GS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
12H	4ER	-	-	-	24v	207-1552	10R-0399
12H	CBK	-	-	-	24v	6V-5227	10R-0399
12K	JJA	HD,Os, 30K	CW	12 teeth	24v	339-5406	20R-3759
12M	B92	-	-	-	-	389-5796	-
12M	B9R	-	-	-	-	389-5799	-
12M 2	F9B	-	-	-	24v	461-6550	-
12M 2	F9M	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
12M 2	R9R	40K	CW	11 teeth	24v	465-6932	-
12M 3	N9B	-	-	-	24v	461-6550	-
12M 3	N9F	-	-	-	24v	327-2771	-
130G	74V	HD, OS, WS, 3K	CW	11 teeth	24v	338-3454	20R-2232
130G	7GB	HD, OS, WS, 3K	CW	-	24v	6V-5539	20R-2232
135H	3YK	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
135H	AMX	HD, OS, WS, 3K	CW	-	24v	106-8559	10R-0397
140G	50H	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
140H	5HM	HD, OS, WS, 3K	CW	-	24v	106-8558	10R-0397
140H	8KM	-	-	-	24v	207-1561	10R-0399
140H	9ZN	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
140H	CCA	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
140K	JPA	HD,Os, 30K	CW	12 teeth	24v	339-5406	20R-3759
140K 2	SZW	HD,Os, 30K	CW	12 teeth	24v	339-5406	20R-3759
140M	B9D	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
140M	D9G	-	-	-	-	389-5796	-
140M 2	M9D	-	-	-	-	389-5796	-
140M 2	M9G	-	-	-	24v	461-6550	-
140M 3	N9D	-	-	-	-	389-5796	-
140M 3	N9J	-	-	-	24v	461-6550	-
143H	1AL	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
143H	APN	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
14G	96U	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
14H	7WJ	-	-	-	24v	6V-5226	10R-0399
14H	ASE	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
14L	B94	-	-	-	-	389-5796	-
14M	R9J	-	-	-	-	389-5799	-
14M 3	E9S	40K	CW	11 teeth	24v	436-9106	-
14M 3	N9S	40K	CW	11 teeth	24v	420-1992	-
160H	2HS	-	-	-	24v	207-1555	10R-0399
160H	9EJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
160H	ASD	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
160H	XZK	-	-	-	24v	6V-5226	10R-0399
160K	JBP	HD,Os, 30K	CW	12 teeth	24v	339-5406	20R-3759
160M	B9E	-	-	-	-	389-5796	-
160M	D9T	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
160M 2	R9L	-	-	-	24v	461-6550	-

23 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Motor Grader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(24)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
160M 2	R9T	–	–	–	24v	327-2771	–
160M 3	N9L	–	–	–	24v	461-6550	–
160M 3	N9T	–	–	–	24v	327-2771	–
163H	5AK	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
163H	ARL	HD, OS, WS, 3K	CW	13	24v	165-4619	0R-7757
16G	93U	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
16H	6ZJ	HD, OS, WS, 3K	CW	–	24v	124-9780	10R-0936
16H	ATS	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
16M	B9H	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
16M 3	E9Y	40K	CW	11 teeth	24v	436-9106	–
16M 3	N9Y	40K	CW	11 teeth	24v	420-1992	–
18M 3	E9W	40K	CW	11 teeth	24v	436-9106	–
18M 3	N9A	40K	CW	11 teeth	24v	420-1992	–
24H	7KK	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
24M	B9K	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
24N	N9Z	40K	CW	11 teeth	24v	420-1992	–

## Paving Starters

Sales Model	S/N Prefix	Attributes <sup>(24)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
30/30	9XW	HD, OS, WS, 3K	–	–	24v	145-2413	20R-4254
AP-1000	1HD	MD,OS,20K	CW	10 teeth	12v	3E-5382	0R-4318
AP-1000B	7HN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
AP-1000D	EAD	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
AP1000E	DKH	–	–	–	–	288-6976	20R-3857
AP1000E	T1F	–	–	–	–	354-5671	20R-4877
AP1000F	AC4	–	–	–	–	354-5671	20R-4877
AP-1050B	6ZN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
AP-1055B	A3P	HD, OS, WS, 3K	CW	–	24v	106-8557	10R-0397
AP-1055B	ABB	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
AP-1055D	A6P	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
AP1055E	TJF	–	–	–	–	354-5671	20R-4877
AP1055F	RLM	–	–	–	–	354-5671	20R-4877
AP1055F	TJ5	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	–
AP255E	D8A	–	–	–	12v	339-2900	20R-4256
AP-300	B2Y	–	–	–	12v	364-4130	20R-3882
AP300D	TEN	–	–	–	12v	364-4130	20R-3882
AP-500E	JWK	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
AP500F	503	50K	CW	10 teeth	24v	432-1691	20R-4881
AP-555E	A5D	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
AP555F	5F5	50K	CW	10 teeth	24v	432-1691	20R-4881
AP-600	B2S	–	–	–	24v	225-3150	10R-9101
AP-600D	TFZ	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
AP600F	AP6	50K	CW	10 teeth	24v	432-1691	20R-4881
AP600F	LR6	–	–	–	–	354-5671	20R-4877
AP-650B	9DN	MD, 2K	CW	–	24v	143-0541	0R-4321
AP-650B	A7P	–	–	–	24v	225-3150	10R-9101

24 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(25)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
AP-655C	AYP	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
AP-655C	CDG	HD, OS, WS, 3K	CW	-	24v	106-8558	10R-0397
AP-655D	GNZ	-	-	-	-	292-7759	-
AP-655D	MAT	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
AP655F	479	-	-	-	-	354-5671	20R-4877
AP655F	655	50K	CW	10 teeth	24v	432-1691	20R-4881
AP-755	B3T	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
AP-800C	1PM	MD, 2K	CW	-	24v	143-0541	0R-4321
AP-800D	A5P	-	-	-	24v	225-3150	10R-9101
AP-900B	AGJ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
BB-621C	B3Y	-	-	-	12v	339-2900	20R-4256
BB621E	B8Z	-	-	-	12v	339-2900	20R-4256
BB-740	B2J	-	-	-	12v	364-4130	20R-3882
BB-760	B2B	-	-	-	24v	225-3150	10R-9101
BB-781	B2F	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
BG1000E	RTT	-	-	-	-	354-5671	20R-4877
BG-210B/C	9XJ	MD, 2K	CW	-	12v	100-8224	20R-3881
BG-2255C	CKR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
BG-225C	5GN	MD, 2K	CW	-	24v	143-0541	0R-4321
BG-225C	B6G	-	-	-	24v	225-3150	10R-9101
BG-230	9AL	MD, 2K	CW	-	24v	143-0541	0R-4321
BG-230D	B4G	-	-	-	24v	225-3150	10R-9101
BG-240C	AGL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
BG-2455C	ACM	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
BG-2455D	BXW	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
BG-245C/C	4XN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
BG-260C/C	8GN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
BG-260C/C	BYG	HD, OS, WS, 3K	CW	-	24v	106-8558	10R-0397
BG-260D	BPW	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
BG555E	B5P	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
BG600D	B6K	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
BG-650/C	9EK	MD, 2K	CW	-	12v	100-8224	20R-3881
BG-730/C	1XL	MD, OS, 20K	CW	10 teeth	12v	3E5382	0R-4318
CB10	P8P	-	-	10 teeth	12v	331-7010	20R-4762
CB14	DTT	-	-	-	12v	340-8308	20R-3887
CB-214D	1TZ	-	-	-	-	163-3361	20R-4256
CB-214E	214	-	-	-	-	163-3361	20R-4256
CB22	220	-	-	-	12v	339-2900	20R-4256
CB-224D	8RZ	-	-	-	12v	339-2900	20R-4256
CB-224E	224	-	-	-	12v	339-2900	20R-4256
CB-225D	9FZ	-	-	-	12v	339-2900	20R-4256
CB-225E	225	-	-	-	12v	339-2900	20R-4256
CB22B	2B2	-	-	-	12v	339-2900	20R-4256
CB22B LRC	466	-	-	-	12v	339-2900	20R-4256
CB24 XT	240	-	-	-	-	163-3361	20R-4256
CB24B	420	-	-	-	-	163-3361	20R-4256
CB24B	J2T	-	-	-	12v	339-2900	20R-4256
CB32	320	-	-	-	12v	339-2900	20R-4256

25 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(26)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
CB32B	422	–	–	–	12v	339-2900	20R-4256
CB32B LRC	469	–	–	–	12v	339-2900	20R-4256
CB-334D	3JZ	–	–	–	12v	339-2900	20R-4256
CB-334D	4CZ	–	–	–	–	163-3361	20R-4256
CB-334E	C4F	–	–	–	12v	339-2900	20R-4256
CB-334E XW	C4X	–	–	–	12v	339-2900	20R-4256
CB-334EII	C3A	–	–	–	–	163-3361	20R-4256
CB-334EII	C3D	–	–	–	12v	339-2900	20R-4256
CB-335D	5PZ	–	–	–	12v	339-2900	20R-4256
CB-335D	BBW	–	–	–	–	163-3361	20R-4256
CB-335E	C5F	–	–	–	12v	339-2900	20R-4256
CB-335EII	C3C	–	–	–	12v	339-2900	20R-4256
CB-335EII	C3F	–	–	–	–	163-3361	20R-4256
CB34	345	–	–	–	12v	339-2900	20R-4256
CB34	347	–	–	–	–	163-3361	20R-4256
CB34B	XB4	–	–	–	12v	339-2900	20R-4256
CB34B LRC	470	–	–	–	12v	339-2900	20R-4256
CB34B XW	425	–	–	–	12v	339-2900	20R-4256
CB36B	XSB	–	–	–	12v	339-2900	20R-4256
CB-434B	6AL	MD, 2K	CW	–	24v	143-0541	0R-4321
CB-434C	4DN	MD, 2K	CW	–	24v	143-0541	0R-4321
CB-434D	CNH	–	–	–	12v	364-4130	20R-3882
CB-444D	C6B	–	–	–	12v	364-4130	20R-3882
CB44B	JXL	–	–	–	–	390-3144	–
CB44B	TWC	–	–	10 teeth	12v	331-7010	20R-4762
CB46B HRC	JC4	–	–	–	–	390-3144	–
CB-534	2EG	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
CB-534B	5RN	MD, 2K	CW	–	24v	143-0541	0R-4321
CB-534C	1WS	MD, 2K	CW	–	24v	143-0541	0R-4321
CB-534D	C8M	MD, 2K	CW	–	12v	143-0539	0R-4316
CB-534D XW	FEA	MD, 2K	CW	–	12v	143-0539	0R-4316
CB-535B	3AR	MD, 2K	CW	–	24v	143-0541	0R-4321
CB54	JLM	–	–	10 teeth	12v	364-4127	–
CB-544	8FM	MD, 2K	CW	–	24v	143-0541	0R-4321
CB-544D	C3B	–	–	–	12v	364-4130	20R-3882
CB-545	2FS	MD, 2K	CW	–	24v	143-0541	0R-4321
CB54B	RJN	–	–	10 teeth	12v	331-7010	20R-4762
CB-564D	D4M	MD, 2K	CW	–	12v	143-0539	0R-4316
CB-634	5CL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CB-634C	3BR	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
CB-634D	CDF	HD, OS, WS, 3K	CW	12 teeth	12v	151-8090	10R-8909
CB64	DJM	–	–	10 teeth	12v	364-4127	–
CB64B	476	–	–	10 teeth	12v	331-7010	20R-4762
CB66B	475	–	–	10 teeth	12v	331-7010	20R-4762
CB68B	496	–	–	10 teeth	12v	331-7010	20R-4762
CB7	EL5	–	–	–	–	390-3144	–
CBR2.6	R2B	–	–	–	12v	339-2900	20R-4762
CBR2.7	R52	–	–	–	12v	339-2900	20R-4762
CC24	241	–	–	–	–	163-3361	20R-4762

26 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes (27)	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
CC24B	C24	-	-	-	12v	339-2900	20R-4762
CC34	346	-	-	-	-	163-3361	20R-4762
CC34B	CC3	-	-	-	12v	339-2900	20R-4762
CC34B LRC	471	-	-	-	12v	339-2900	20R-4762
CCS9	C52	-	-	10 teeth	24v/12	451-0011	20R-6113
CD10	J6B	-	-	-	-	390-3144	-
CD44B	398	-	-	-	-	390-3144	-
CD54	J5R	-	-	-	12v	364-4130	20R-3882
CD54B	GRT	-	-	-	-	390-3144	-
CP-323	6JD	LD,2k	CW	-	12v	143-0537	20R-4040
CP-323C	6DM	MD, 2K	CW	-	24v	143-0541	0R-4321
CP-323C	EAS	-	-	-	24v	225-3150	10R-9101
CP-433C	1ZN	MD, 2K	CW	-	24v	143-0541	0R-4321
CP-433E	ASN	-	-	-	24v	225-3150	10R-9101
CP-433E	CFK	MD, 2K	CW	-	24v	143-0541	0R-4321
CP44	M4P	-	-	-	24v	225-3150	10R-9101
CP44B	GTT	-	-	10 teeth	12v	357-5204	-
CP-533	5AL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-533C	3XN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-533D	AFC	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-533E	TLH	-	-	-	24v	225-3150	10R-9101
CP54	C5Y	-	-	-	24v	225-3150	10R-9101
CP54B	ALL	-	-	10	24v	382-6587	20R-4881
CP54B	P54	-	-	10 teeth	24v/12	451-0011	20R-6113
CP54B	P5F	-	-	-	24v	225-3150	10R-9101
CP56	FCP	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP-563	5AJ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-563C	5JN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-563D	5LZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-563E	CNT	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP56B	LHC	-	-	10 teeth	24v/12	451-0011	20R-6113
CP56B	M5P	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP56B	P56	50K	CW	10 teeth	24v	432-1691	20R-4881
CP-573E	ASZ	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP64	C6P	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP-663E	AFL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CP-663E	DAF	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP68B	LCF	50K	CW	10 teeth	24v	432-1691	20R-4881
CP68B	P68	-	-	10 teeth	24v/12	451-0011	20R-6113
CP74	P8F	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP74B	L7B	50K	CW	10 teeth	24v	432-1691	20R-4881
CP74B	M7B	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CP74B	P74	-	-	10 teeth	24v/12	451-0011	20R-6113
CP76	JCP	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS-323	1TM	LD,2k	CW	-	12v	143-0537	20R-4040
CS-323C	1EN	MD, 2K	CW	-	24v	143-0541	0R-4321
CS-323C	DAR	-	-	-	24v	225-3150	10R-9101
CS-423E	DCL	MD, 2K	CW	-	24v	143-0541	0R-4321

27 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(28)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
CS-423E	EAE	–	–	–	24v	225-3150	10R-9101
CS-431C	9XL	MD, 2K	CW	–	24v	143-0541	0R-4321
CS-433C	1FS	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-433C	5BZ	MD, 2K	CW	–	24v	143-0541	0R-4321
CS-433E	ASR	–	–	–	24v	225-3150	10R-9101
CS-433E	CFP	MD, 2K	CW	–	24v	143-0541	0R-4321
CS-433E OEM	DCP	–	–	–	24v	225-3150	10R-9101
CS44	M4C	–	–	–	24v	225-3150	10R-9101
CS44B	RGE	–	–	10 teeth	12v	357-5204	–
CS-531	4KM	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-531C	5ZN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-531D	4MZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-533	4HL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-533C	2XN	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
CS-533D	AET	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-533E	DAK	–	–	–	24v	225-3150	10R-9101
CS54	C5R	–	–	–	24v	225-3150	10R-9101
CS54B	G54	–	CW	10 teeth	24v	357-5205	–
CS54B	L4H	–	–	10 teeth	24v/12	451-0011	20R-6113
CS54B	M5B	–	–	–	24v	225-3150	10R-9101
CS54B OEM	MJ5	–	–	10 teeth	24v/12	451-0011	20R-6113
CS56	FCS	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS-563	7GG	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-563C	4LN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-563D	1SZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
CS-563D	2RZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-563E	ASA	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS-563E OEM	PAH	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS56B	L8H	50K	CW	10 teeth	24v	432-1691	20R-4881
CS56B	M4M	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS56B	S56	–	–	10 teeth	24v/12	451-0011	20R-6113
CS-573	8PK	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-573C	6LN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-573D	CMK	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-573E	CNN	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS-583	8YJ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-583C	7MN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-583D	2CZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
CS-583E	CNX	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS64	C7F	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS64 OEM	WSW	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS64B	486	–	–	10	24v	382-6587	20R-4881
CS64B	C64	–	–	10 teeth	24v/12	451-0011	20R-6113
CS64B	DH6	–	–	–	24v	225-3150	10R-9101
CS64B	TF6	–	CW	10 teeth	24v	357-5205	–
CS-663E	DAG	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS66B	487	–	–	10 teeth	24v/12	451-0011	20R-6113
CS-423E	DCL	MD, 2K	CW	–	24v	143-0541	0R-4321

28 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes (29)	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
CS-683E	AGR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
CS-683E	DAD	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS68B	CS8	-	-	10 teeth	24v/12	451-0011	20R-6113
CS68B	MBF	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS74	C8F	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS74B	E7E	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS74B	LCB	-	-	10 teeth	24v/12	451-0011	20R-6113
CS76	JCS	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS76B	492	-	-	10 teeth	24v/12	451-0011	20R-6113
CS76B	L9H	50K	CW	10 teeth	24v	432-1691	20R-4881
CS78B	493	-	-	10 teeth	24v/12	451-0011	20R-6113
CS78B	M78	-	CW	10 teeth	24v	357-5205	-
CS78B	M8M	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS79B	C79	MD,3K	CW	11 teeth	24v	300-6868	20R-4041
CS79B	CM7	-	CW	10 teeth	24v	357-5205	-
CW14	LTJ	-	-	-	-	390-3144	-
CW16	N6J	-	-	10 teeth	12v	331-7010	20R-4762
CW16	TL5	-	-	-	-	390-3144	-
CW34	B7L	-	CW	10 teeth	24v	357-5205	-
CW34	TLJ	-	CW	10 teeth	24v	347-2163	-
CW34 LRC	J3H	-	-	-	24v	225-3150	10R-9101
DEUCE	7RR	HD, OS, WS, 3K	-	-	24v	145-2413	20R-4254
PF-290	1XW	MD, 2K	CW	-	24v	143-0541	0R-4321
PF-300B	6HM	MD, 2K	CW	-	24v	143-0541	0R-4321
PF-300C	PFB	-	-	-	24v	225-3150	10R-9101
PM-102	Z2X	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
PM102	Z1X	HD, OS, WS, 3K	CW	12 teeth	24v	207-1551	10R-0405
PM-200	P1C	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
PM-201	PNM	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
PM310 HRC	NMA	-	-	-	-	389-5796	-
PM310 LRC	KWA	-	-	-	-	389-5796	-
PM312 HRC	NJ9	-	-	-	-	389-5796	-
PM313 HRC	JH9	-	-	-	-	389-5796	-
PM-465	5ZS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
PM-565	3TK	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
PM-565B	8GS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
PM620 HRC	JB9	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
PM620 LRC	LH9	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
PM622 HRC	JFC	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
PM622 LRC	JCF	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
PR-1000	5XC	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
PR-450C	7PJ	HD, OS, WS, 30K	CW	-	24v	6T-0647	20R-2232
PR-750C	7CK	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R5209
PS-130	7ND	LD,2k	CW	-	12v	143-0537	20R-4040
PS-150B	3XR	MD, 2K	CW	-	24v	143-0541	0R-4321
PS-150C	FPS	-	-	-	24v	225-3150	10R-9101
PS-180	7PD	LD,2k	CW	-	12v	143-0537	20R-4040
CS-423E	DCL	MD, 2K	CW	-	24v	143-0541	0R-4321

29 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Paving Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(30)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
PS-200B	5JR	MD, 2K	CW	–	24v	143-0541	0R-4321
PS-300B	4PN	MD, 2K	CW	–	24v	143-0541	0R-4321
PS-300C	PFS	–	–	–	24v	225-3150	10R-9101
PS-360B	9LS	MD, 2K	CW	–	24v	143-0541	0R-4321
PS-360C	PJF	–	–	–	24v	225-3150	10R-9101
PS-500	7XD	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM-250C	AWG	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM-300	BWR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM-350	5FK	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM-350B	7FS	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM-350B	AXW	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
RM-500	ASW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RM500B	MB9	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
RR-250	6ED	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
RR-250B	3RR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
SM-350	1RM	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
SS-250	6DD	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
SS-250B	5GR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232

## Pipelayer Starters

Sales Model	S/N Prefix	Attributes <sup>(30)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
561N	TAD	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
572G	8PC	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
572R	AAC	–	–	–	24v	6V-5227	10R-0399
572R II	DSC	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
578	8HB	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
583R	2XS	HD, OS, WS, 30K	CW	–	24v	3T-2780	20R-2232
583T	CMX	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
587R	BXL	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
587T	FAT	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
589	31Z	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
PL61	6P2	–	–	–	–	354-5671	20R-4877
PL61	S3H	–	–	–	24v	475-7412	–
PL61	WGS	HD, OS, WS, 3K	CW	13 teeth	24v	330-3123	20R-3884
PL72	P72	–	–	–	–	389-5799	–
PL72	P73	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
PL83	DLW	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312
PL83	KSD	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-1312
PL87	KKJ	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-1312
PL87	TEC	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312

30 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Quarry Truck Starters

Sales Model	S/N Prefix	Attributes <sup>(31)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
769C	01X	HD, OS, WS, 30K	CW	-	24v	4Q-5203	20R-1312
769D	5SS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-1312
769D	BBB	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-1312
770	BZZ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-1312
770G	KDH	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-1312
770G OEM	TWA	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-1312
771C	3BJ	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-1312
771D	6YS	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-1312
771D	BCA	HD, OS, WS, 30K	CW	11 teeth	24v	4N-1062	0R-5209
772	RLB	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
772B	64W	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
772G	LTX	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
773	63G	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-
773B	63W	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
773D	7CS	HD, OS, WS, 30K	CW	-	24v	3T-2787	20R-2232
773D	NBJ	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
773E	BDA	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
773E	KEG	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
773E	PRB	OS,WS,30K	CW	11 teeth	24v	494-6414	20R-2232
773F	EED	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
773F OEM	EXD	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
773G OEM	T5S	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
775B	7XJ	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
775D	8AS	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
775E	BEC	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
775E OEM	DTE	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
775F	DLS	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
775F OEM	EYG	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
775G	RFM	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
775G OEM	T5F	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
776C	2TK	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
776D	5ER	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
776D	AFS	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
777	84A	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
777B	4YC	-	CCW	-	Air	455-7682	-
777C	4XJ	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
777D	3PR	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0513	10R-9816
777D	AGC	HD, OS, WS, 3K	CW	11 teeth	24v	338-3456	10R-9816
777D	FKR	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
777DHA	2YW	HD, OS, WS, 30K	CW	11 teeth	24v	3T-5831	10R-9816
777DHA	AGY	HD, OS, WS, 3K	CW	11 teeth	24v	6V-0889	10R-9816
777E	KDP	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
777F	JRP	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
777F OEM	JXP	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
777G OEM	T5A	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232

31 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Scoop Starters

Sales Model	S/N Prefix	Attributes <sup>(32)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
SU488	LAX	–	–	–	12v	493-8661	–

## Skid Steel Loaders Starters

Sales Model	S/N Prefix	Attributes <sup>(32)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
216	4NZ	–	–	–	–	333-5930	–
216B	RLL	–	–	–	–	333-5930	–
216B 3	CD3	–	–	–	12v	323-6614	0R-9704
216B 3	JXM	–	–	–	–	163-3361	20R-4256
216B 3	PWK	–	–	–	12v	339-2900	20R-4256
226	5FZ	MD, 2K	CW	–	12v	144-9955	0R-9702
226B	MJH	–	–	–	12v	339-2900	20R-4256
226B 3	AS2	–	–	–	–	333-5930	–
226B 3	DXZ	–	–	–	–	322-5728	–
226B 3	MWD	–	–	–	–	163-3361	20R-4256
228	6BZ	MD, 2K	CW	–	12v	144-9955	0R-9702
232	CAB	–	–	–	12v	339-2900	20R-4256
232B	SCH	–	–	–	12v	339-2900	20R-4256
232D	KXC	–	–	–	–	163-3361	20R-4256
236	4YZ	MD, 2K	CW	–	12v	144-9955	0R-9702
236B	HEN	MD, 2K	CW	–	12v	143-0539	0R-4316
236B 3	A9H	MD, 2K	CW	–	12v	143-0539	0R-4316
239D	CD4	–	–	–	–	163-3361	20R-4256
242	CMB	MD, 2K	CW	–	12v	144-9955	0R-9702
242B	BXM	–	–	–	12v	339-2900	20R-4256
242B 3	SRS	MD, 2K	CW	–	12v	143-0539	0R-4316
246	5SZ	MD, 2K	CW	–	12v	144-9955	0R-9702
246B	PAT	MD, 2K	CW	–	12v	143-0539	0R-4316
246C	JAY	MD, 2K	CW	–	12v	143-0539	0R-4316
247	CML	MD, 2K	CW	–	12v	144-9955	0R-9702
247B	MTL	–	–	–	12v	339-2900	20R-4256
247B 3	TSL	–	–	–	–	163-3361	20R-4256
248	6LZ	MD, 2K	CW	–	12v	144-9955	0R-9702
248B	SCL	MD, 2K	CW	–	12v	143-0539	0R-4316
249D	AH9	–	–	–	–	163-3361	20R-4256
252	FDG	MD, 2K	CW	–	12v	144-9955	0R-9702
252B	SCP	MD, 2K	CW	–	12v	143-0539	0R-4316
252B 3	TNK	MD, 2K	CW	–	12v	143-0539	0R-4316
256C	DWS	MD, 2K	CW	–	12v	143-0539	0R-4316
257	CMM	MD, 2K	CW	–	12v	144-9955	0R-9702
257B	SLK	–	–	–	12v	339-2900	20R-4256
257B 3	B7H	MD, 2K	CW	–	12v	143-0539	0R-4316
259B 3	YYZ	MD, 2K	CW	–	12v	143-0539	0R-4316
262	CED	MD, 2K	CW	–	12v	144-9955	0R-9702
262B	PDT	MD, 2K	CW	–	12v	143-0539	0R-4316
262C	MST	MD, 2K	CW	–	12v	143-0539	0R-4316
262C 2	TMW	MD, 2K	CW	–	12v	143-0539	0R-4316

32 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Skid Steel Loaders Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(33)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
267	CMP	MD, 2K	CW	-	12v	144-9955	0R-9702
267B	CYC	MD, 2K	CW	-	12v	143-0539	0R-4316
268B	LBA	MD, 2K	CW	-	12v	143-0539	0R-4316
272C	RED	MD, 2K	CW	-	12v	143-0539	0R-4316
272D	GD	-	-	-	12v	377-6967	20R-3859
272D 2	BL2	-	-	-	12v	377-6967	20R-3859
272D 2 XHP	MD2	-	-	-	12v	377-6967	20R-3859
272D XHP	ETL	-	-	-	12v	377-6967	20R-3859
277	CNC	MD, 2K	CW	-	12v	144-9955	0R-9702
277B	MDH	MD, 2K	CW	-	12v	143-0539	0R-4316
277C	KCC	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
277C 2	MET	MD, 2K	CW	-	12v	143-0539	0R-4316
277C 2 OEM	A22	MD, 2K	CW	-	12v	143-0539	0R-4316
277C OEM	L5Y	MD, 2K	CW	-	12v	143-0539	0R-4316
279C	MBT	MD, 2K	CW	-	12v	143-0539	0R-4316
279C 2	KWB	MD, 2K	CW	-	12v	143-0539	0R-4316
287	CNY	MD, 2K	CW	-	12v	144-9955	0R-9702
287B	ZSA	MD, 2K	CW	-	12v	143-0539	0R-4316
287C	MAS	MD, 2K	CW	-	12v	143-0539	0R-4316
287C 2	SSB	MD, 2K	CW	-	12v	143-0539	0R-4316
289C	JMP	MD, 2K	CW	-	12v	143-0539	0R-4316
289C 2	RTD	MD, 2K	CW	-	12v	143-0539	0R-4316
297C	GCP	MD, 2K	CW	-	12v	143-0539	0R-4316
297C OEM	LMB	-	-	-	12v	364-4130	20R-3882
297D	BE7	-	-	-	12v	377-6967	20R-3859
297D 2	BL7	-	-	-	12v	377-6967	20R-3859
297D 2 XHP	HP2	-	-	-	12v	377-6967	20R-3859
297D XHP	HP7	-	-	-	12v	377-6967	20R-3859
299C	JSP	MD, 2K	CW	-	12v	143-0539	0R-4316
299C OEM	NMP	-	-	-	12v	364-4130	20R-3882
299D	HCL	-	-	-	12v	377-6967	20R-3859
299D 2	FD2	-	-	-	12v	377-6967	20R-3859
299D 2 XHP	DX2	-	-	-	12v	377-6967	20R-3859
299D XHP	JST	-	-	-	12v	377-6967	20R-3859

## Skid Steel Loaders Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(33)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D3G LGPJ	CLB	MD, OS, 2K	CW	-	12v	105-3133	10R-0754
D3G XL	ZDN	MD, OS, 2K	CW	-	12v	105-3133	10R-0754
D3K 2 LGP	GAE	-	-	10 teeth	12v	357-5204	-
D3K 2 LGP	JPJ	-	-	10 teeth	12v	364-4127	-
D3K 2 XL	KFF	-	-	10 teeth	12v	364-4127	-
D3K LGP	LLL	-	-	10 teeth	12v	321-8965	20R-4255
D3K XL	FFF	-	-	10 teeth	12v	321-8965	20R-4255
D4G LGP	TLX	MD, OS, 2K	CW	-	12v	105-3133	10R-0754
D4G XL	HYD	MD, OS, 2K	CW	-	12v	105-3133	10R-0754

33 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Small Track-Type Tractor Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(34)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
D4K 2 LGP	KR2	–	–	10 teeth	12v	312-7536	–
D4K 2 LGP	KRR	–	–	10 teeth	12v	364-4127	–
D4K 2 XL	KM2	–	–	10 teeth	12v	364-4127	–
D4K 2 XL	KMM	–	–	10 teeth	12v	312-7536	–
D4K LGP	RRR	–	–	10 teeth	12v	321-8965	20R-4255
D4K XL	MMM	–	–	10 teeth	12v	321-8965	20R-4255
D5B	25X	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
D5G LGP OEM	D5G	MD, WS, 2K	CW	12 teeth	12v	6V-4212	10R-0393
D5G LGPJ	RSC	MD, OS, 2K	CW	–	12v	105-3133	10R-0754
D5K 2 LGP	RRE	–	–	10 teeth	12v	312-7536	–
D5K 2 LGP	TRF	–	–	10 teeth	12v	364-4127	–
D5K 2 XL	KW2	–	–	10 teeth	12v	312-7536	–
D5K 2 XL	KWW	–	–	10 teeth	12v	321-8965	20R-4255
D5K LGP	JLF	–	–	10 teeth	12v	321-8965	20R-4255
D5K XL	WWW	–	–	10 teeth	12v	321-8965	20R-4255

## Small Wheel Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(34)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
924F	6MN	MD OS 20K	CW	10 teeth	24v	3E-5381	0R-4317
924G	6YW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
924G	EEB	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
924G OEM	KTC	MD, 2K	CW	–	24v	143-0541	0R-4321
924H	HXC	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
924H	RRS	–	–	–	24v	225-3150	10R-9101
924H Z	WLB	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
924K	SNZ	–	–	–	–	354-5671	20R-4877
926M	LTE	–	–	–	–	354-5671	20R-4877
928G	7SR	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
928G	DJD	MD, 2K	CW	–	24v	143-0541	0R-4321
928G OEM	GMB	MD, 2K	CW	–	24v	143-0541	0R-4321
928H	CXK	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
930G	TWR	MD, 2K	CW	–	24v	143-0541	0R-4321
930H	DHC	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
930K	RHN	–	–	–	–	354-5671	20R-4877
930K OEM	T68	–	–	–	–	354-5671	20R-4877
930M	HEY	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	
930M	KTG	–	–	–	–	354-5671	20R-4877
938F	2RM	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
938G	9HS	HD, OS, WS, 3K	CW	–	24v	106-8558	10R-0397
938G II	PHN	HD, OS, WS, 3K	CW	–	24v	106-8559	10R-0397
938G II OEM	MSC	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
938H	JKM	–	–	–	–	288-6976	20R-3857
938K	SWL	HD, OS, WS, 3K	CW	12 teeth	24v	349-9075	
938K	XXT	–	–	–	–	354-5671	20R-4877
938M	J3R	–	–	–	–	354-5671	20R-4877
IT28F	1JL	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397

34 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Small Wheel Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(35)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
IT28G	8CR	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
IT28G	EWf	MD, 3K	CW	11 teeth	24v	300-6868	20R-4041
IT38F	6FN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
IT38G II	JAN	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
IT38H	JNJ	-	-	-	-	288-6976	20R-3857

## Small Hydraulic Excavator Starters

Sales Model	S/N Prefix	Attributes <sup>(35)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
212B	3PJ	MD,OS,20K	CW	10 teeth	24v	3E-5381	0R-4317
214B	4CF	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
214B-FT	9MF	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
224B	7WF	HD, OS, WS, 3K	CW	-	24v	106-8557	10R-0397
312C L OEM	CXX	-	-	-	-	125-2988	10R-7586
312D	KLE	-	-	-	24v	225-3150	10R-9101
312D 2	DGF	-	CW	10 teeth	24v	357-5205	-
312D 2	TJY	-	-	-	24v	225-3150	10R-9101
312D 2 GC OEM	F4F	-	CW	10 teeth	24v	357-5205	-
312D 2GC	BRW	-	CW	10 teeth	24v	357-5205	-
312D 2L	EAB	-	CW	10 teeth	24v	357-5205	-
312D 2L	WHJ	-	-	-	24v	225-3150	10R-9101
312D GC	RXZ	-	-	-	24v	225-3150	10R-9101
312D L OEM	L44	-	-	-	24v	225-3150	10R-9101
312D LC	MGJ	-	-	-	24v	225-3150	10R-9101
312E	PZL	OS	CW	10 teeth	24v	482-3187	-
312E L	MJD	OS	CW	10 teeth	24v	482-3187	-
312E L	WEY	-	-	10 teeth	24v	382-6587	20R-4881
312E L OEM	EGR	OS	CW	10 teeth	24v	482-3187	-
312F	KMK	50K	CW	10 teeth	24v	432-1691	20R-4881
313D 2	PLD	-	-	-	24v	225-3150	10R-9101
313D 2	ZAA	-	CW	10 teeth	24v	357-5205	-
313D 2 L OEM	KFP	-	CW	10 teeth	24v	357-5205	-
313D 2 LGP	GAJ	-	CW	10 teeth	24v	357-5205	-
313D 2GC	GAP	-	CW	10 teeth	24v	357-5205	-
313D 2GC OEM	GCY	-	CW	10 teeth	24v	357-5205	-
313D 2L	LCY	-	CW	10 teeth	24v	357-5205	-
313F	NLG	50K	CW	10 teeth	24v	432-1691	20R-4881
313F L	DJE	-	-	10 teeth	24v	382-6587	20R-4881
313F L OEM	DH8	50K	CW	10 teeth	24v	432-1691	20R-4881
314E CR	ECN	OS	CW	10 teeth	24v	482-3187	-
314E LCR	YCW	OS	CW	10 teeth	24v	482-3187	-
314F L	LFC	50K	CW	10 teeth	24v	432-1691	20R-4881
315F LCR OEM	FTC	50K	CW	10 teeth	24v	432-1691	20R-4881
315FL	TDY	50K	CW	10 teeth	24v	432-1691	20R-4881
316E L	DZW	OS	CW	10 teeth	24v	482-3187	-
316E L	WZY	50K	CW	10 teeth	24v	432-1691	20R-4881
316E L OEM	F32	50K	CW	10 teeth	24v	432-1691	20R-4881
316F OEM	HS3	50K	CW	10 teeth	24v	432-1691	20R-4881

<sup>35</sup> MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Small Wheel Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(36)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
318D 2L	TZS	–	–	–	24v	225-3150	10R-9101
318D 2L	XAH	–	CW	10 teeth	24v	357-5205	–
318D 2L OEM	M8R	–	CW	10 teeth	24v	357-5205	–
318E L	DZF	OS	CW	10 teeth	24v	482-3187	–
318E L	WZS	50K	CW	10 teeth	24v	432-1691	20R-4881
318E OEM	ERR	50K	CW	10 teeth	24v	432-1691	20R-4881
318F L	FFT	–	–	10 teeth	24v	382-6587	20R-4881
318F L	HCP	50K	CW	10 teeth	24v	432-1691	20R-4881
M314F	FB4	OS	CW	10 teeth	24v	482-3187	–
M315D 2	CA4	–	CW	10 teeth	24v	341-7601	–
M315D 2	CH3	–	–	–	24v	225-3150	10R-9101
M315D OEM	H9A	–	–	–	24v	225-3150	10R-9101
M316D	P6K	–	–	–	24v	225-3150	10R-9101
M316D OEM	KMA	–	–	–	24v	225-3150	10R-9101
M316F	FB6	OS	CW	10 teeth	24v	482-3187	–
M316F OEM	CP5	OS	CW	10 teeth	24v	482-3187	–
M317D 2	CA6	–	CW	10 teeth	24v	341-7601	–
M317D 2	CH5	–	–	–	24v	225-3150	10R-9101
M317F	F6P	OS	CW	10 teeth	24v	482-3187	–
M318D	P8L	–	–	–	24v	225-3150	10R-9101
M318D MH	P9M	–	–	–	24v	225-3150	10R-9101
M318F	F8B	OS	CW	10 teeth	24v	382-5901	–
M318F	FB8	OS	CW	10 teeth	24v	482-3187	–
M318F OEM	MH9	OS	CW	10 teeth	24v	482-3187	–
M320D 2	EN8	–	–	–	24v	225-3150	10R-9101
M320F	F2W	OS	CW	10 teeth	24v	482-3187	–
M320F	FB2	–	CW	10 teeth	24v	341-7602	–
M322D	P2T	–	–	–	24v	225-3150	10R-9101
M322D 2	EN2	–	–	–	24v	225-3150	10R-9101
M322D 2 MH	EN9	–	–	–	24v	225-3150	10R-9101
M322D MH	D3X	–	–	–	24v	225-3150	10R-9101
M322D OEM	J4M	–	–	–	24v	225-3150	10R-9101
M322F	FBW	OS	CW	10 teeth	24v	482-3187	–
M324D 2 MH	EN3	–	–	–	24v	225-3150	10R-9101
MH3022	FM2	OS	CW	10 teeth	24v	482-3187	–
MH3024	FB5	OS	CW	10 teeth	24v	382-5901	–
MH3024	FM4	OS	CW	10 teeth	24v	482-3187	–

## Telehandler Starters

Sales Model	S/N Prefix	Attributes <sup>(36)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
C40	C4D	–	–	–	12v	364-4131	20R-3883
C50	C5D	–	–	–	12v	364-4131	20R-3883
PM OEM	MLS	MD, 2K	CW	–	12v	144-9955	0R-9702
RT80-RT100	1GJ	MD,OS,20K	CW	10 teeth	12v	3E-5382	0R-4318
TH103	3PN	MD, 2K	CW	–	12v	6V-0492	0R-4316
TH210	CEC	–	–	–	12v	357-5202	20R-3882
TH210	MHT	–	–	–	12v	364-4131	20R-3883
TH215	CEG	–	–	–	12v	357-5203	20R-3883

36 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Telehandler Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(37)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
TH215	MHS	-	-	-	12v	364-4131	20R-3883
TH220B	SLA	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
TH255	TBS	-	-	-	12v	365-3422	20R-3883
TH330B	SLB	MD, 2K	CW	-	12v	144-9955	0R-9702
TH336	TDE	MD, 2K	CW	-	12v	144-9955	0R-9702
TH336C	MJR	-	-	-	-	390-3144	-
TH336C	THM	-	-	10 teeth	12v	331-7010	20R-4762
TH337	TDF	MD, 2K	CW	-	12v	144-9955	0R-9702
TH337C	DJB	-	-	-	-	390-3144	-
TH340B	SLC	MD, 2K	CW	-	12v	144-9955	0R-9702
TH350B	SLD	MD, 2K	CW	-	12v	144-9955	0R-9702
TH3510D HRC	TH2	-	-	10 teeth	12v	331-7010	20R-4762
TH355B	JRK	MD, 2K	CW	-	12v	144-9955	0R-9702
TH360B	SLE	MD, 2K	CW	-	12v	144-9955	0R-9702
TH406	TBX	MD, 2K	CW	-	12v	144-9955	0R-9702
TH406C	GAT	-	-	-	-	390-3144	-
TH407	TBY	MD, 2K	CW	-	12v	144-9955	0R-9702
TH407C	MLH	-	-	-	-	390-3144	-
TH417	TBT	MD, 2K	CW	-	12v	144-9955	0R-9702
TH417C	RRJ	-	-	-	-	390-3144	-
TH460B	SLF	MD, 2K	CW	-	12v	144-9955	0R-9702
TH514	TBW	MD, 2K	CW	-	12v	144-9955	0R-9702
TH514D	MWG	-	-	-	-	390-3144	-
TH580B	SLH	MD, 2K	CW	-	12v	144-9955	0R-9702
TH62	4TM	MD, 2K	CW	-	12v	6V-0492	0R-4316
TH63	3NN	MD, 2K	CW	-	12v	100-8224	20R-3881
TH63	5WM	MD, 2K	CW	-	12v	6V-0492	0R-4316
TH82	3KN	MD, 2K	CW	-	12v	6V-0492	0R-4316
TH83	3RN	MD, 2K	CW	-	12v	6V-0492	0R-4316
TL1055	TBM	-	-	-	12v	365-3422	20R-3883
TL1055D	ML5	-	-	10 teeth	12v	331-7010	20R-4762
TL1255	TBN	-	-	-	12v	365-3422	20R-3883
TL1255C	DHW	-	-	10 teeth	12v	331-7010	20R-4762
TL1255D HRC	ML7	-	-	10 teeth	12v	331-7010	20R-4762
TL1255D LRC	MYW	-	-	10 teeth	12v	331-7010	20R-4762
TL642	TBK	-	-	-	12v	365-3422	20R-3883
TL642D	MLG	-	-	10 teeth	12v	331-7010	20R-4762
TL943	TBL	-	-	-	12v	365-3422	20R-3883
TL943C	SXH	-	-	-	12v	329-0290	20R-3883
TL943C	THH	-	-	-	-	390-3144	-
TL943D	MLD	-	-	10 teeth	12v	331-7010	20R-4762
TL943D	MLJ	-	-	-	-	390-3144	-

## Track Loader Starters

Sales Model	S/N Prefix	Attributes <sup>(37)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
953	78Y	-	-	-	-	6V-4940	0R-5207
953 LGP	44Z	-	-	-	-	6V-4940	0R-5207

37 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



## Track Loader Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(38)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
953D	LBP	–	–	10 teeth	24v	387-9639	20R-4878
953K	LJT	–	–	10 teeth	24v	387-9639	20R-4878
963	48Z	–	–	–	–	6V-4940	0R-5207
963D	LCS	–	–	10 teeth	24v	387-9639	20R-4878
963K	LBL	–	–	10 teeth	24v	387-9639	20R-4878
973	86G	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
973C	LDX	–	–	–	24v	6V-5227	10R-0399
973D	LCP	HD, OS, WS, 3K	CW	12 teeth	24v	6V-0512	10R-9817
973T	MKL	HD, OS, WS, 3K	CW	11 teeth	24v	349-6530	20R-1312

## Undercarriage Arrangement Starters

Sales Model	S/N Prefix	Attributes <sup>(38)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
C18 OEM	MMB	WS, 30K	CW	11 teeth	24v	435-1240	20R-3250
C4.4 OEM	M4D	–	–	–	12v	364-4130	20R-3882
UNDERCARRIAGE OE	HED	HD, OS, WS, 30K	CW	12 teeth	24v	6V-0512	10R-9817
UNDERCARRIAGE OE	L5J	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
UNDERCARRIAGE OE	L5M	OS, WS, 30K	CW	11 teeth	24v	478-9866	20R-6752
UNDERCARRIAGE OE	L5N	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	–

## Underground Mining Starters

Sales Model	S/N Prefix	Attributes <sup>(38)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
120H	ADG	MD OS 20K	CW	10 teeth	24v	3E-5381	0R-4317
69D	9XS	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
AD22	MW5	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
AD30	CXR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
AD30	GXR	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD40 II	1YZ	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD45	BKZ	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD45B	GXM	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD55	ANW	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD55	DNW	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
AD55B	JNW	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AD60	KNW	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
AE40 II	1ZZ	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
AE40 II	BLW	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
R1300	6QW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
R1300G	LJB	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
R1300G II	RSL	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
R1600	9EW	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
R1600	9XP	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
R1600G	9PP	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
R1600H	9SD	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250
R1700	4LZ	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
R1700G	XBR	HD, OS, WS, 3K	CW	11 teeth	24v	348-7651	20R-3250

38 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

# Cat Starters

## Underground Mining Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(39)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
R1700K	KT4	40K	CW	11 teeth	24v	436-9106	-
R2900G	GLK	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
R2900G	JLK	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232
R3000H	RCM	HD, OS, WS, 30K	CW	-	24v	4N-1061	20R-2232

## Unit Rig Truck Starters

Sales Model	S/N Prefix	Attributes <sup>(39)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
MT4400 AC	SE4	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-
MT4400D AC	MT4	HD, OS, WS, 30K	CW	11 teeth	24v	352-9766	-

## Wheel Tractor Scraper Starters

Sales Model	S/N Prefix	Attributes <sup>(39)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
613C	93X	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
613C	9FM	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
613C II	8LJ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R-0397
613C II OEM	B6J	HD, OS, WS, 3K	CW	12 teeth	24v	207-1517	10R0397
613C SERIES II	KEH	HD, OS, WS, 3K	CW	12 teeth	24v	207-1511	10R-0397
613G	DBE	-	-	-	-	277-1833	20R-3886
613G OEM	DXA	-	-	-	-	277-1833	20R-3886
613G OEM	WT2	-	-	10 teeth	24v	387-9639	20R-4878
615C	2XG	-	-	-	24v	207-1555	10R-0399
615C II	9XG	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
615C II OEM	B6M	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
615D	BAE	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
621B	45P	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
621F	4SK	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
621G	CEN	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
621G	CEP	-	-	-	-	10R-9815	10R-9815
621G	DBX	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
621G	MEX	HD, OS, WS, 30K	CW	11 teeth	24v	348-0264	-
621G	NEL	HD, OS, WS, 3K	CW	11 teeth	24v	293-4853	-
621G OEM	DXB	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
621H	DBK	HD, OS, WS, 3K	CW	11 teeth	24v	349-6523	20R-1312
621H	EAZ	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
621H OEM	HKK	HD, OS, WS, 3K	CW	11 teeth	24v	330-0034	20R-1312
621H OEM	NY Y	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
621K	WTA	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
621K	WTL	HD, OS, WS, 3K	CW	11 teeth	24v	330-0034	20R-1312
621K OEM	WTE	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
621K OEM	WTP	HD, OS, WS, 3K	CW	11 teeth	24v	349-6523	20R-1312
623E	6DB	HD, OS, WS, 3K	CW	-	24v	338-3454	20R-2232
623F	5EW	HD, OS, WS, 30K	CW	-	24v	3T-8949	20R-2232
623G	ARW	-	-	-	-	10R-9815	10R-9815

39 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life

## Wheel Tractor Scraper Starters (Cont'd.)

Sales Model	S/N Prefix	Attributes <sup>(40)</sup>	Rotation from Pinion End	Teeth	Voltage	Service Part Number	Reman
623G	CES	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
623G	DBC	HD, OS, WS, 3K	CW	11 teeth	24v	207-1557	0R-5209
623G	DBY	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
623H	DBF	HD, OS, WS, 3K	CW	11 teeth	24v	349-6523	20R-1312
623H	EJD	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
623K	WTM	HD, OS, WS, 3K	CW	11 teeth	24v	349-6536	20R-1312
627F	1DL	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
627G	AXF	HD, OS, WS, 3K	CW	–	24v	106-8553	20R-2232
627G	CEX	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
627G	CEZ	–	–	–	24v	6V-5538	10R-0399
627G	DBZ	HD, OS, WS, 3K	CW	12 teeth	24v	207-1516	10R-0397
627H	DBW	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
627H	LCT	OS	CW	10 teeth	24v	396-4770	20R-4879
627K	WTC	OS	CW	10 teeth	24v	349-9077	20R-4879
627K	WTN	OS	CW	10 teeth	24v	396-4770	20R-4879
631D	24W	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
631E	1AB	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
631E	6PC	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
631G	AWK	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
631G	CLR	HD, OS, WS, 30K	CW	11 teeth	24v	4N-1062	0R-5209
631G	DFA	HD, OS, WS, 30K	CW	–	24v	3T-2780	20R-2232
631G OEM	DXE	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
631K	WTR	40K	CW	11 teeth	24v	436-9106	–
633E	2PS	HD, OS, WS, 30K	CW	–	24v	3T-2780	20R-2232
637	65M	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
637E	1FB	–	–	–	24v	6V-5227	10R-0399
637E	1HB	HD, OS, WS, 30K	CW	12 teeth	24v	363-9838	10R-9817
637E	7CB	–	–	–	24v	1W-3851	10R-0399
637G	AXT	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
637G	CEH	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
637K	WTS	OS	CW	10 teeth	24v	396-4770	20R-4879
651E	4YR	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
651E	5XR	HD, OS, WS, 3K	CW	–	24v	338-3454	20R-2232
657E	6PR	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
657E	6TR	HD, OS, WS, 3K	CW	11 teeth	24v	207-1556	0R-5209
657E	7KR	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
657G	A4G	HD, OS, WS, 30K	CW	–	24v	3T-8949	20R-2232
657G	W1B	HD, OS, WS, 30K	CW	–	24v	3T-2780	20R-2232
657G	W1C	HD, OS, WS, 3K	CW	11 teeth	24v	207-1564	0R-5209
657G	W1E	HD, OS, WS, 3K	CW	–	24v	106-8553	20R-2232
657G	W1F	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232
657G OEM	DXG	HD, OS, WS, 30K	CW	–	24v	4N-1061	20R-2232

40 MD=Medium Duty, HD=Heavy Duty, WS=Water Sealed, OS=Oil Sealed (wet Flywheel housing), 20K=20,000 cycle life, 30K=30,000 cycle life



# Cat Alternator Section

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# Cat Alternators

## Articulated Truck Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
725	AFX	22	Brushless	110	12	266-7224	0R-9939
725	B1L	0	Brushless	75	24	200-2232	0R-9940
725	B1L	22	Brushless	95	24	226-7683	-
725C	LFB	22	Brushless	80	24	235-7133	-
725C	LFB	22	Brush	115	24	344-5081	-
725C	TFB	22	Brushless	150	24	272-1889	20R-0053
725C 2	2L6	22	Brushless	80	24	235-7133	-
725C 2	2L6	22	Brush	115	24	344-5081	-
725C 2	2T3	22	Brushless	150	24	272-1889	20R-0053
725C 2 OEM	TA7	22	Brushless	150	24	272-1889	20R-0053
725C 2 OEM	TA7	22	Brush	115	24	344-5081	-
725C OEM	T26	22	Brushless	150	24	272-1889	20R-0053
725C OEM	T26	22	Brush	115	24	344-5081	-
730	AGF	22	Brushless	110	12	266-7224	0R-9939
730	AGF	0	Brushless	50	24	112-5041	0R-5206
730	AGF	0	Brushless	50	24	169-3345	10R-9791
730	AGF	22	Brushless	35	24	6N-9294	0R-5217
730	B1M	0	Brushless	75	24	200-2232	0R-9940
730	B1M	22	Brushless	95	24	226-7683	-
730	B1M	22	Brushless	80	24	235-7133	-
730	B1M	22	Brush	115	24	344-5081	-
730 OEM	WWB	0	Brushless	75	24	200-2232	0R-9940
730 OEM	WWB	22	Brushless	95	24	226-7683	-
730 OEM	WWB	22	Brushless	80	24	235-7133	-
730 OEM	WWB	22	Brush	115	24	344-5081	-
730C	LFF	22	Brushless	80	24	235-7133	-
730C	TFF	22	Brushless	150	24	272-1889	20R-0053
730C	TFF	22	Brush	115	24	344-5081	-
730C 2	2L7	22	Brushless	80	24	235-7133	-
730C 2	2T4	22	Brushless	150	24	272-1889	20R-0053
730C 2	2T4	22	Brush	115	24	344-5081	-
730C 2 EJ	2L8	22	Brushless	80	24	235-7133	-
730C 2 EJ	2L8	22	Brush	115	24	344-5081	-
730C 2 EJ	2T5	22	Brushless	150	24	272-1889	20R-0053
730C EJ	LFH	22	Brushless	80	24	235-7133	-
730C EJ	TFH	22	Brushless	150	24	272-1889	20R-0053
730C EJ	TFH	22	Brush	115	24	344-5081	-
730C OEM	T28	22	Brushless	150	24	272-1889	20R-0053
730EJ	B1W	0	Brushless	75	24	200-2232	0R-9940
730EJ	B1W	22	Brushless	95	24	226-7683	-
730EJ	B1W	22	Brushless	80	24	235-7133	-
730EJ	B1W	22	Brush	115	24	344-5081	-
735	AWR	0	Brushless	95	24	197-8820	10R-9789
735	AWR	22	Brushless	105	24	316-7251	-
735	B1N	0	Brushless	80	24	177-9953	10R-9790
735	B1N	0	Brushless	65	24	185-5294	10R-9788
735	B1N	0	Brushless	75	24	200-8281	0R-9938
735 OEM	WWC	0	Brushless	80	24	177-9953	10R9790
735 OEM	WWC	0	Brushless	65	24	185-5294	10R-9788
735 OEM	WWC	0	Brushless	75	24	200-8281	0R-9938
735B	L4D	0	Brushless	80	24	177-9953	10R-9790
735B	L4D	0	Brushless	65	24	185-5294	10R-9788
735B	L4D	0	Brushless	75	24	200-2232	0R-9940



## Articulated Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
735B	L4D	0	Brushless	75	24	200-8281	0R-9938
735B	T4P	22	Brushless	150	24	272-1889	20R-0053
735B	T4P	22	Brush	115	24	344-5081	-
735B OEM	E4R	22	Brushless	150	24	272-1889	20R-0053
735C	LFJ	22	Brush	115	24	344-5081	-
735C	TFJ	22	Brushless	150	24	272-1889	20R-0053
740	AXM	0	Brushless	80	24	177-9953	10R-9790
740	AXM	0	Brushless	65	24	185-5294	10R-9788
740	AXM	0	Brushless	95	24	197-8820	10R-9789
740	AXM	0	Brushless	75	24	200-8281	0R-9938
740	AXM	22	Brushless	105	24	316-7251	-
740 OEM	DTX	0	Brushless	95	24	197-8820	10R-9789
740 OEM	WWD	0	Brushless	80	24	177-9953	10R-9790
740 OEM	WWD	0	Brushless	65	24	185-5294	10R-9788
740 OEM	WWD	0	Brushless	75	24	200-8281	0R-9938
740B	L4E	0	Brushless	75	24	200-2232	0R-9940
740B	L4E	22	Brush	115	24	344-5081	-
740B	T4R	22	Brushless	150	24	272-1889	20R-0053
740B EJ	L4F	0	Brushless	75	24	200-2232	0R-9940
740B EJ	T4S	22	Brushless	150	24	272-1889	20R-0053
740B EJ	T4S	22	Brush	115	24	344-5081	-
740B OEM	E4S	22	Brushless	150	24	272-1889	20R-0053
740B OEM	E4S	22	Brush	115	24	344-5081	-
740B OEM	GLH	0	Brushless	75	24	200-2232	0R-9940
740C EJ	LFN	22	Brushless	80	24	235-7133	-
740C EJ	LFN	22	Brush	115	24	344-5081	-
740C EJ	TFN	22	Brushless	150	24	272-1889	20R-0053
740EJ	AZZ	0	Brushless	95	24	197-8820	10R-9789
740EJ	AZZ	22	Brushless	105	24	316-7251	-
745C	LFK	22	Brushless	80	24	235-7133	-
745C	TFK	22	Brushless	150	24	272-1889	20R-0053
745C	TFK	22	Brush	115	24	344-5081	-
745C OEM	JE8	22	Brushless	150	24	272-1889	20R-0053
745C OEM	JE9	22	Brushless	80	24	235-7133	-
745C OEM	JE9	22	Brush	115	24	344-5081	-
745D	3F6	22	Brushless	80	24	235-7133	-
745D	3F6	22	Brush	115	24	344-5081	-
745D	3T6	22	Brushless	150	24	272-1889	20R-0053
D20D	9MG	0	Brushless	50	24	112-5041	0R-5206
D20D	9MG	0	Brushless	50	24	169-3345	10R-9791
D20D	9MG	22	Brushless	45	24	5N-5692	0R-2698
D20D	9MG	22	Brushless	35	24	6N-9294	0R-5217
D250D	6NG	0	Brushless	50	24	112-5041	0R-5206
D250D	6NG	0	Brushless	50	24	169-3345	10R-9791
D250D	6NG	22	Brushless	45	24	5N-5692	0R-2698
D250D	6NG	22	Brushless	35	24	6N-9294	0R-5217
D250E	5TN	0	Brushless	50	24	112-5041	0R-5206
D250E	5TN	0	Brushless	50	24	169-3345	10R-9791
D250E	5TN	22	Brushless	45	24	5N-5692	0R-2698
D250E	5TN	22	Brushless	35	24	6N-9294	0R-5217
D250E II	4PS	0	Brushless	50	24	112-5041	0R-5206
D250E II	4PS	0	Brushless	50	24	169-3345	10R-9791
D250E II	4PS	22	Brushless	75	24	3E-7577	0R-3615

# Cat Alternators

## Articulated Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D250E II	4PS	22	Brushless	45	24	5N-5692	0R-2698
D250E II	4PS	22	Brushless	35	24	6N-9294	0R-5217
D25D	1HK	0	Brushless	50	24	112-5041	0R-5206
D25D	1HK	0	Brushless	50	24	169-3345	10R-9791
D25D	1HK	0	Brushless	95	24	197-8820	10R-9789
D25D	1HK	22	Brushless	60	24	266-7227	10R-8877
D25D	1HK	22	Brushless	105	24	316-7251	-
D25D	1HK	22	Brushless	105	24	331-5717	-
D25D	1HK	22	Brushless	60	24	333-1184	-
D25D	1HK	22	Brushless	45	24	5N-5692	0R-2698
D25D	1HK	22	Brushless	35	24	6N-9294	0R-5217
D300D	5MG	0	Brushless	50	24	112-5041	0R-5206
D300D	5MG	0	Brushless	50	24	169-3345	10R-9791
D300D	5MG	22	Brushless	60	24	266-7227	10R-8877
D300D	5MG	22	Brushless	105	24	331-5717	-
D300D	5MG	22	Brushless	60	24	333-1184	-
D300D	5MG	22	Brushless	45	24	5N-5692	0R-2698
D300D	5MG	22	Brushless	35	24	6N-9294	0R-5217
D300E	7FN	0	Brushless	50	24	112-5041	0R-5206
D300E	7FN	0	Brushless	50	24	169-3345	10R-9791
D300E	7FN	22	Brushless	45	24	5N-5692	0R-2698
D300E	7FN	22	Brushless	35	24	6N-9294	0R-5217
D300E II	5KS	0	Brushless	50	24	112-5041	0R-5206
D300E II	5KS	0	Brushless	50	24	169-3345	10R-9791
D300E II	5KS	22	Brushless	75	24	3E-7577	0R-3615
D300E II	5KS	22	Brushless	45	24	5N-5692	0R-2698
D300E II	5KS	22	Brushless	35	24	6N-9294	0R-5217
D30D	3AJ	0	Brushless	50	24	112-5041	0R-5206
D30D	3AJ	0	Brushless	50	24	169-3345	10R-9791
D30D	3AJ	22	Brushless	60	24	266-7227	10R-8877
D30D	3AJ	22	Brushless	105	24	331-5717	-
D30D	3AJ	22	Brushless	60	24	333-1184	-
D30D	3AJ	22	Brushless	45	24	5N-5692	0R-2698
D30D	3AJ	22	Brushless	35	24	6N-9294	0R-5217
D350D	9RF	0	Brushless	50	24	112-5041	0R-5206
D350D	9RF	0	Brushless	50	24	169-3345	10R-9791
D350D	9RF	22	Brushless	60	24	266-7227	10R-8877
D350D	9RF	22	Brushless	105	24	331-5717	-
D350D	9RF	22	Brushless	60	24	333-1184	10R-8877
D350D	9RF	22	Brushless	45	24	5N-5692	0R-2698
D350D	9RF	22	Brushless	35	24	6N-9294	0R-5217
D350E	9LR	0	Brushless	50	24	112-5041	0R-5206
D350E	9LR	0	Brushless	50	24	169-3345	10R-9791
D350E	9LR	22	Brushless	45	24	5N-5692	0R-2698
D350E	9LR	22	Brushless	35	24	6N-9294	0R-5217
D350E II	2XW	0	Brushless	50	24	112-5041	0R-5206
D350E II	2XW	0	Brushless	50	24	169-3345	10R-9791
D350E II	2XW	22	Brushless	35	24	6N-9294	0R-5217
D400D	8TF	0	Brushless	50	24	112-5041	0R-5206
D400D	8TF	0	Brushless	50	24	169-3345	10R-9791
D400D	8TF	22	Brushless	60	24	266-7227	10R-8877
D400D	8TF	22	Brushless	105	24	331-5717	-
D400D	8TF	22	Brushless	60	24	333-1184	-

## Articulated Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D400D	8TF	22	Brushless	45	24	5N-5692	0R-2698
D400D	8TF	22	Brushless	35	24	6N-9294	0R-5217
D400E	2YR	0	Brushless	50	24	112-5041	0R-5206
D400E	2YR	0	Brushless	50	24	169-3345	10R-9791
D400E	2YR	22	Brushless	45	24	5N-5692	0R-2698
D400E	2YR	22	Brushless	35	24	6N-9294	0R-5217
D400E II	APF	0	Brushless	50	24	112-5041	0R-5206
D400E II	APF	0	Brushless	50	24	169-3345	10R-9791
D400E II	APF	22	Brushless	35	24	6N-9294	0R-5217

## Backhoe Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
416B	8ZK	0	Brush	55	12	105-2812	0R-9273
416B	8ZK	0	Brush	65	12	149-2061	10R-9605
416B	8ZK	17	Brush	90	12	9X-0341	-
416C	1WR	0	Brush	110	12	217-1589	-
416D	CKN	0	Brush	55	12	105-2812	0R-9273
416D	CKN	0	Brush	110	12	217-1589	-
416E	SHA	0	Brush	90	12	105-2813	0R-9274
416E	SHA	0	Brush	110	12	217-1589	-
416E ST	MFG	0	Brush	110	12	217-1589	-
420D	BKC	0	Brush	55	12	105-2812	0R-9273
420D IT	BMC	0	Brush	55	12	105-2812	0R-9273
420D IT	BMC	0	Brush	90	12	105-2813	0R-9274
420D IT	BMC	0	Brush	110	12	217-1589	-
420E	HLS	0	Brush	110	12	217-1589	-
420E	KMW	0	Brush	90	12	105-2813	-
420E PL	PHC	0	Brush	110	12	217-1589	-
420E ST	PRA	0	Brush	110	12	217-1589	-
426B	5YJ	17	Brush	90	12	9X-0341	-
426C	1ZR	0	Brush	110	12	217-1589	-
428D	S9D	0	Brush	110	12	217-1589	-
428E	SNL	0	Brush	110	12	217-1589	-
430D	BNK	0	Brush	55	12	105-2812	0R-9273
430D	BNK	0	Brush	90	12	105-2813	0R-9274
430D	C3J	0	Brush	110	12	217-1589	-
430D IT	BML	0	Brush	55	12	105-2812	0R-9273
430D IT	BML	0	Brush	90	12	105-2813	0R-9274
430D IT	BML	0	Brush	110	12	217-1589	-
430E	DDT	0	Brush	110	12	217-1589	-
430E	EAT	0	Brush	90	12	105-2813	0R-9274
430E IT	MXB	0	Brush	110	12	217-1589	-
430E ST	SWC	0	Brush	110	12	217-1589	-
432D	S6B	0	Brush	110	12	217-1589	-
432E	BXE	0	Brush	110	12	217-1589	-
434E	FSH	0	Brush	110	12	217-1589	-
434F	FLY	0	Brushless	65	24	165-8857	10R-9788
434F	FLY	0	Brushless	65	24	185-5294	10R-9788
434F	FLY	22	Brush	115	24	366-2756	-
436B	6MJ	0	Brush	90	12	105-2813	0R-9274
436B	6MJ	17	Brush	90	12	9X-0341	-
436C	1FR	0	Brush	55	12	105-2812	0R-9273

# Cat Alternators

## Backhoe Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
436C	1FR	0	Brush	90	12	105-2813	0R-9274
436C	2AR	0	Brush	110	12	217-1589	-
436C	8TN	0	Brush	65	12	149-2061	10R-9605
436C	8TN	0	Brush	90	12	149-2064	0R-9410
438D	S8J	0	Brush	90	12	105-2813	0R-9274
438D	S8M	0	Brush	55	12	105-2812	0R-9273
438D	S8M	0	Brush	110	12	217-1589	-
442D	S4T	0	Brush	90	12	105-2813	0R-9274
442D	S4T	0	Brush	110	12	217-1589	-
442E	GKZ	0	Brush	110	12	217-1589	-
444E	LBE	0	Brush	110	12	217-1589	-
444F	FBN	0	Brushless	65	24	165-8857	10R-9788
444F	FBN	0	Brushless	65	24	185-5294	10R-9788
444F	FBN	22	Brush	115	24	366-2756	-
446B	5BL	0	Brush	55	12	105-2812	0R-9273
446B	5BL	0	Brush	90	12	105-2813	0R-9274
446B	5BL	0	Brush	65	12	149-2061	10R-9605
446B	5BL	0	Brush	90	12	149-2064	0R-9410
446B	5BL	22	Brush	55	12	8T-9700	0R-5201
446B	5BL	17	Brush	90	12	9X-0341	-
446D	DBL	0	Brush	65	12	149-2061	10R-9605
446D	DBL	0	Brush	90	12	149-2064	0R-9410
450	553	0	Brush	130	12	117-1379	0R-9480
450	553	0	Brush	115	12	121-4134	0R-3527
450	553	22	Brush	70	24	107-7977	0R-8279
460	654	22	Brush	70	24	107-7977	0R-8279
460	9FW	0	Brush	130	12	117-1379	0R-9480
460	9FW	0	Brush	115	12	121-4134	0R-3527
465	3HZ	0	Brush	130	12	117-1379	0R-9480
465	3HZ	0	Brush	115	12	121-4134	0R-3527
465	3HZ	22	Brush	70	24	107-7977	0R-8279
470	765	22	Brush	70	24	107-7977	0R-8279
470	9TW	0	Brush	130	12	117-1379	0R-9480
470	9TW	0	Brush	115	12	121-4134	0R-3527
475	767	0	Brush	130	12	117-1379	0R-9480
475	767	0	Brush	115	12	121-4134	0R-3527
475	767	22	Brush	70	24	107-7977	0R-8279
480	866	0	Brush	130	12	117-1379	0R-9480
480	866	22	Brush	70	24	107-7977	0R-8279
485	868	0	Brush	130	12	117-1379	0R-9480
485	868	22	Brush	70	24	107-7977	0R-8279
CH35	9DF	0	Brush	115	12	121-4134	0R-3527
CH35	9DF	0	Brush	145	12	125-9597	0R-8332
CH35-CCE-N	3HS	0	Brush	145	12	125-9597	0R-8332
CH35-N	8RD	0	Brush	145	12	125-9597	0R-8332
CH35-W	ADK	0	Brush	145	12	125-9597	0R-8332
CH45	4DZ	0	Brush	115	12	121-4134	0R-3527
CH45	4DZ	0	Brush	145	12	125-9597	0R-8332
CH45-CCE-N	4KW	0	Brush	145	12	125-9597	0R-8332
CH45-N	ABF	0	Brush	145	12	125-9597	0R-8332
CH45-W	3BK	0	Brush	145	12	125-9597	0R-8332
CH55	3SM	0	Brush	145	12	125-9597	0R-8332
CH55	5DK	0	Brush	115	12	121-4134	0R-3527

## Backhoe Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
CH55-CCE-N	7TZ	0	Brush	145	12	125-9597	0R-8332
CH55-N	6NN	0	Brush	145	12	125-9597	0R-8332
CH55-W	AEN	0	Brush	145	12	125-9597	0R-8332
CH65E	1GM	0	Brush	145	12	125-9597	0R-8332
CH70C	2YL	0	Brush	130	12	117-1379	0R-9480
CH70C	2YL	0	Brush	115	12	121-4134	0R-3527
CH70C	2YL	0	Brush	145	12	125-9597	0R-8332
CH70C	2YL	22	Brush	70	24	107-7977	0R-8279
CH75E	1HM	0	Brush	145	12	125-9597	0R-8332
CH85C	9TK	0	Brush	130	12	117-1379	0R-9480
CH85C	9TK	0	Brush	115	12	121-4134	0R-3527
CH85C	9TK	0	Brush	145	12	125-9597	0R-8332
CH85C	9TK	22	Brush	70	24	107-7977	0R-8279
CH85D	4GR	0	Brush	145	12	125-9597	0R-8332
CH85E	1NM	0	Brush	145	12	125-9597	0R-8332
CH95E	1SM	0	Brush	145	12	125-9597	0R-8332
DV87 MTS	9AM	0	Brush	145	12	125-9597	0R-8332
LEXION 460	665	0	Brush	130	12	117-1379	0R-9480
LEXION 460	665	0	Brush	115	12	121-4134	0R-3527
LEXION 460	665	22	Brush	70	24	107-7977	0R-8279
MT735	AKN	0	Brush	145	12	125-9597	0R-8332
MT735	AKN	0	0	160	12	306-2172	-
MT745	ALA	0	Brush	145	12	125-9597	0R-8332
MT745	ALA	0	0	160	12	306-2172	-
MT755	ALM	0	Brush	130	12	117-1379	0R-9480
MT755	ALM	0	Brush	115	12	121-4134	0R-3527
MT755	ALM	0	Brush	145	12	125-9597	0R-8332
MT755	ALM	0	0	160	12	306-2172	-
MT755	ALM	22	Brush	70	24	107-7977	0R-8279
MT765	AMS	0	Brush	145	12	125-9597	0R-8332
MT765	AMS	0	0	160	12	306-2172	-
MT835	BAM	0	0	160	12	306-2172	-
MT845	BBP	0	0	160	12	306-2172	-
MT855	BCC	0	0	160	12	306-2172	10R-7701
MT865	BDS	0	0	160	12	306-2172	10R-7701
MTC735	812	0	0	160	12	306-2172	10R-7701
MTC755	814	0	0	160	12	306-2172	-
MTC765	815	0	0	160	12	306-2172	10R-7701
MTC845	817	0	0	160	12	306-2172	-
MTC855	818	0	0	160	12	306-2172	-
MTC865	819	0	0	160	12	306-2172	@

## Cat Work Tool Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
QC- LOADER & IT	ELX	0	Brushless	50	24	112-5041	0R-5206
QC- LOADER & IT	ELX	0	Brushless	50	24	169-3345	10R-9791
QC- LOADER & IT	ELX	22	Brushless	35	24	6N-9294	0R-5217

# Cat Alternators

## Compact Wheel Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
906	MER	0	Brush	110	12	203-5492	10R-9098
906H	TPE	0	Brush	110	12	203-5492	10R-9098
907H	SJM	0	Brush	110	12	203-5492	10R-9098
908	TAR	0	Brush	110	12	203-5492	10R-9098
908H	LMD	0	Brush	110	12	203-5492	10R-9098
908H OEM	L5T	0	Brush	110	12	203-5492	10R-9098
910G II	B9X	0	Brushless	80	24	177-9953	10R-9790
918F	5DL	17	Brush	52	12	9W-3043	0R-3652

## Compactor & Wheel Dozer Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
814	16Z	0	Brush	130	12	117-1379	0R-9480
814	16Z	22	Brush	70	24	107-7977	0R-8279
814	16Z	0	Brushless	50	24	112-5041	0R-5206
814	16Z	0	Brushless	50	24	169-3345	10R-9791
814	16Z	22	0	15	24	2P-1204	0R-5217
814	16Z	22	Brushless	35	24	6N-9294	0R-5217
814F	9DM	0	Brushless	50	24	112-5041	0R-5206
814F	9DM	0	Brushless	50	24	169-3345	10R-9791
814F	9DM	22	Brushless	75	24	3E-7577	0R-3615
814F	9DM	22	Brushless	35	24	6N-9294	0R-5217
814F	BGF	0	Brush	130	12	117-1379	0R-9480
814F	BGF	22	Brush	70	24	107-7977	0R-8279
814F	BXG	0	Brushless	80	24	177-9953	10R-9790
815	17Z	0	Brush	130	12	117-1379	0R-9480
815	17Z	22	Brush	70	24	107-7977	0R-8279
815	17Z	0	Brushless	50	24	112-5041	0R-5206
815	17Z	0	Brushless	50	24	169-3345	10R-9791
815	17Z	0	Brushless	80	24	177-9953	10R-9790
815	17Z	22	Brushless	35	24	6N-9294	0R-5217
815F	1GN	0	Brushless	50	24	112-5041	0R-5206
815F	1GN	0	Brushless	50	24	169-3345	10R-9791
815F	1GN	22	Brushless	75	24	3E-7577	0R-3615
815F	1GN	22	Brushless	35	24	6N-9294	0R-5217
815F	BKL	0	Brush	130	12	117-1379	0R-9480
815F	BKL	22	Brush	70	24	107-7977	0R-8279
815F 2	BYN	0	Brushless	80	24	177-9953	10R-9790
815K	MBB	22	Brushless	150	24	272-1889	20R-0053
815K	MBB	22	0	105	24	321-8940	-
816	15Z	0	Brush	130	12	117-1379	0R-9480
816	15Z	22	Brush	70	24	107-7977	0R-8279
816	15Z	0	Brushless	50	24	112-5041	0R-5206
816	15Z	0	Brushless	50	24	169-3345	10R-9791
816	15Z	22	0	15	24	2P-1204	0R-5217
816	15Z	22	Brushless	35	24	6N-9294	0R-5217
816F	5FN	0	Brushless	50	24	112-5041	0R-5206
816F	5FN	0	Brushless	50	24	169-3345	10R-9791
816F	5FN	22	Brushless	75	24	3E-7577	0R-3615
816F	5FN	22	Brushless	35	24	6N-9294	0R-5217
816F	BMR	0	Brush	130	12	117-1379	0R-9480
816F	BMR	22	Brush	70	24	107-7977	0R-8279
816F	BZR	0	Brushless	80	24	177-9953	10R-9790



## Compactor & Wheel Dozer Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
816K	WCS	22	Brushless	150	24	272-1889	20R-0053
816K	WNB	22	0	105	24	321-8940	-
824C	85X	0	Brush	130	12	117-1379	0R-9480
824C	85X	22	Brush	70	24	107-7977	0R-8279
824C	85X	0	Brushless	50	24	112-5041	0R-5206
824C	85X	0	Brushless	50	24	169-3345	10R-9791
824C	85X	0	Brushless	80	24	177-9953	10R-9790
824C	85X	22	Brushless	75	24	3E-7577	0R-3615
824C	85X	22	Brushless	35	24	6N-9294	0R-5217
824G	4SN	0	Brush	130	12	117-1379	0R-9480
824G	4SN	22	Brush	70	24	107-7977	0R-8279
824G	4SN	0	Brushless	50	24	112-5041	0R-5206
824G	4SN	0	Brushless	50	24	169-3345	10R-9791
824G	4SN	22	Brushless	75	24	3E-7577	0R-3615
824G	4SN	22	Brushless	35	24	6N-9294	0R-5217
824G II	AWW	0	Brush	130	12	117-1379	0R-9480
824G II	AWW	22	Brush	70	24	107-7977	0R-8279
824G II	AWW	0	Brushless	65	24	185-5294	10R-9788
824H	ASX	0	Brushless	80	24	177-9953	10R-9790
824H	ASX	0	Brushless	95	24	197-8820	10R-9789
824K	RWB	22	Brushless	150	24	272-1889	20R-0053
825C	86X	0	Brush	130	12	117-1379	0R-9480
825C	86X	22	Brush	70	24	107-7977	0R-8279
825C	86X	0	Brushless	50	24	112-5041	0R-5206
825C	86X	0	Brushless	50	24	169-3345	10R-9791
825C	86X	0	Brushless	80	24	177-9953	10R-9790
825C	86X	22	Brushless	35	24	6N-9294	0R-5217
825G	6RN	0	Brush	130	12	117-1379	0R-9480
825G	6RN	22	Brush	70	24	107-7977	0R-8279
825G	6RN	0	Brushless	50	24	112-5041	0R-5206
825G	6RN	0	Brushless	50	24	169-3345	10R-9791
825G	6RN	22	Brushless	75	24	3E-7577	0R-3615
825G	6RN	22	Brushless	35	24	6N-9294	0R-5217
825G II	AXB	0	Brush	130	12	117-1379	0R-9480
825G II	AXB	22	Brush	70	24	107-7977	0R-8279
825G II	AXB	0	Brushless	65	24	185-5294	10R-9788
825H	AZW	0	Brushless	80	24	177-9953	10R-9790
825H	AZW	0	Brushless	95	24	197-8820	10R-9789
825K	233	22	Brushless	150	24	272-1889	20R-0053
826C	87X	0	Brush	130	12	117-1379	0R-9480
826C	87X	22	Brush	70	24	107-7977	0R-8279
826C	87X	0	Brushless	50	24	112-5041	0R-5206
826C	87X	0	Brushless	50	24	169-3345	10R-9791
826C	87X	0	Brushless	80	24	177-9953	10R-9790
826C	87X	0	Brushless	95	24	197-8820	10R-9789
826C	87X	22	Brushless	105	24	316-7251	-
826C	87X	22	Brushless	75	24	3E-7577	0R-3615
826C	87X	22	Brushless	35	24	6N-9294	0R-5217
826G	7LN	0	Brushless	50	24	112-5041	0R-5206
826G	7LN	0	Brushless	50	24	169-3345	10R-9791
826G	7LN	22	Brushless	75	24	3E-7577	0R-3615
826G	7LN	22	Brushless	35	24	6N-9294	0R-5217
826G II	AYH	0	0	160	12	306-2172	10R-7701

# Cat Alternators

## Compactor & Wheel Dozer Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
826G II	AYH	0	Brushless	80	24	177-9953	10R-9790
826G II	AYH	0	Brushless	75	24	200-8281	0R-9938
826G II	AYH	0	Brushless	75	24	234-4906	-
826G II	AYH	22	Brushless	75	24	3E-7577	0R-3615
826H	AWF	0	Brushless	95	24	197-8820	10R-9789
826K	232	22	Brushless	150	24	272-1889	20R-0053
836	3RL	0	Brushless	50	24	112-5041	0R-5206
836	3RL	0	Brushless	50	24	169-3345	10R-9791
836	3RL	22	Brushless	35	24	6N-9294	0R-5217
836	7FR	22	Brushless	75	24	3E-7577	0R-3615
836G	7MZ	0	Brushless	95	24	197-8820	10R-9789
836G	BRL	0	0	160	12	306-2172	10R-7701
836G	BRL	0	Brushless	80	24	177-9953	10R-9790
836G	BRL	0	Brushless	75	24	200-8281	0R-9938
836G	BRL	0	Brushless	100	24	204-7449	0R-9937
836G	BRL	0	Brushless	100	24	229-2348	-
836G	BRL	0	Brushless	75	24	234-4906	-
836G	BRL	22	Brushless	105	24	316-7251	-
836G	BRL	22	Brushless	105	24	331-5717	20R-0541
836G	BRL	22	Brushless	75	24	3E-7577	0R-3615
836H	BXD	0	Brushless	80	24	177-9953	10R-9790
836H	BXD	0	Brushless	95	24	197-8820	10R-9789

## Forest Machine Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
1090	BZJ	0	Brushless	95	24	197-8820	10R-9789
1190	BZK	0	Brushless	95	24	197-8820	10R-9789
1190T	BZL	0	Brushless	95	24	197-8820	10R-9789
1290T	BZM	0	Brushless	95	24	197-8820	10R-9789
1390	B3F	0	Brushless	95	24	197-8820	10R-9789
2384C	KAW	22	Brushless	95	24	226-7683	-
2384C	KB6	22	Brush	115	24	344-5081	-
2390	P3H	0	Brushless	95	24	197-8820	10R-9789
2470C	W47	22	Brushless	95	24	226-7683	-
2484C	KAZ	22	Brushless	95	24	226-7683	-
2484C	KB7	22	Brush	115	24	344-5081	-
2491	P5J	0	Brushless	95	24	197-8820	10R-9789
2570C	F1B	22	Brushless	95	24	226-7683	-
2570D	D25	22	Brush	115	24	344-5081	-
2670C	B3E	22	Brushless	95	24	226-7683	-
2670D	D26	22	Brush	115	24	344-5081	-
2864C	SP4	22	Brushless	95	24	226-7683	-
320D FM	BW2	0	Brushless	80	24	177-9953	10R-9790
320D FM	BW2	22	Brushless	150	24	249-0313	10R-9097
320D FM	BW2	22	Brush	115	24	344-5081	-
322C FM HW	C3R	0	Brushless	80	24	177-9953	10R-9790
322C FM HW	CAM	17	Brush	52	12	9W-3043	0R-3652
322C FM LGP	BYL	0	Brushless	80	24	177-9953	10R-9790
322C FM ST	BPH	17	Brush	52	12	9W-3043	0R-3652
322C FM ST	M2H	0	Brushless	80	24	177-9953	10R-9790
324D FM	JKR	0	Brushless	80	24	177-9953	10R-9790
324D FM	JKR	22	Brush	115	24	366-2756	-

## Forest Machine Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
325C FM HW	Y4P	0	Brushless	65	24	165-8857	10R-9788
325C FM HW	Y4P	0	Brushless	80	24	177-9953	10R-9790
325C FM HW	Y4P	0	Brushless	65	24	185-5294	10R-9788
325C FM ST	G1L	0	Brushless	65	24	165-8857	10R-9788
325C FM ST	G1L	0	Brushless	80	24	177-9953	10R-9790
325C FM ST	G1L	0	Brushless	65	24	185-5294	10R-9788
330C FM HW	B2L	0	Brushless	80	24	177-9953	10R-9790
330C FM ST	B3M	0	Brushless	80	24	177-9953	10R-9790
345C FM HEEL	A3L	0	Brushless	75	24	200-2232	0R-9940
345C FM HEEL	A3L	22	Brushless	95	24	226-7683	-
345C FM HEEL	A3L	22	Brushless	80	24	235-7133	-
511	511	0	Brushless	95	24	197-8820	10R-9789
518C	1CL	0	Brushless	50	24	112-5041	0R-5206
518C	1CL	0	Brushless	50	24	169-3345	10R-9791
518C	9HJ	22	0	15	24	2P-1204	0R-5217
518C	9HJ	22	Brushless	35	24	6N-9294	0R-5217
521	521	0	Brushless	95	24	197-8820	10R-9789
521B	F7B	0	Brushless	95	24	197-8820	10R-9789
522	522	0	Brushless	95	24	197-8820	10R-9789
522B	F7C	0	Brushless	95	24	197-8820	10R-9789
525B	3KZ	0	Brushless	80	24	177-9953	10R-9790
525B	3KZ	0	Brushless	95	24	197-8820	10R-9789
525B	3KZ	0	Brushless	75	24	200-8281	0R-9938
525B	3KZ	22	Brushless	105	24	316-7251	-
525C	525	0	Brushless	80	24	177-9953	10R-9790
525C	525	0	Brushless	95	24	197-8820	10R-9789
525C	525	0	Brushless	75	24	200-8281	0R-9938
525C	525	22	Brushless	80	24	235-7133	-
525C	525	22	Brushless	105	24	316-7251	-
525C OEM	M3B	0	Brushless	80	24	177-9953	10R-9790
525C OEM	M3B	22	Brushless	80	24	235-7133	-
525D	GKP	22	0	105	24	321-8940	-
525D	GKP	22	Brush	115	24	344-5081	-
527	JSR	0	Brushless	75	24	200-8281	0R-9938
527	PTR	0	Brushless	50	24	112-5041	0R-5206
527	PTR	0	Brushless	50	24	169-3345	10R-9791
527	PTR	0	Brushless	80	24	177-9953	10R-9790
527	PTR	22	Brushless	35	24	6N-9294	0R-5217
528B	8SJ	0	Brushless	50	24	112-5041	0R-5206
528B	8SJ	0	Brushless	50	24	169-3345	10R-9791
528B	8SJ	22	0	15	24	2P-1204	0R-5217
528B	8SJ	22	Brushless	35	24	6N-9294	0R-5217
530B	5BK	0	Brushless	50	24	112-5041	0R-5206
530B	5BK	0	Brushless	50	24	169-3345	10R-9791
530B	5BK	22	0	15	24	2P-1204	0R-5217
530B	5BK	22	Brushless	35	24	6N-9294	0R-5217
532	532	0	Brushless	95	24	197-8820	10R-9789
533	CDR	0	Brushless	80	24	177-9953	10R-9790
533	CDR	0	Brushless	75	24	200-8281	0R-9938
535B	AAE	0	Brushless	80	24	177-9953	10R-9790
535B	AAE	0	Brushless	95	24	197-8820	10R-9789
535B	AAE	0	Brushless	75	24	200-8281	0R-9938
535B	AAE	22	Brushless	105	24	316-7251	-

# Cat Alternators

## Forest Machine Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
535C	535	0	Brushless	80	24	177-9953	10R-9790
535C	535	0	Brushless	95	24	197-8820	10R-9789
535C	535	0	Brushless	75	24	200-8281	0R-9938
535C	535	22	Brushless	105	24	316-7251	-
535D	3L5	22	Brush	115	24	344-5081	-
535D	MTP	22	0	105	24	321-8940	-
539	1PZ	0	Brush	130	12	117-1379	0R-9480
539	1PZ	22	Brush	70	24	107-7977	0R-8279
541	541	0	Brushless	95	24	197-8820	10R-9789
541 SERIES 2	F7D	0	Brushless	95	24	197-8820	10R-9789
543	ASJ	0	Brushless	80	24	177-9953	10R-9790
543	ASJ	0	Brushless	75	24	200-8281	0R-9938
545	2FZ	0	Brushless	80	24	177-9953	10R-9790
545	2FZ	0	Brushless	95	24	197-8820	10R-9789
545	2FZ	0	Brushless	75	24	200-8281	0R-9938
545	2FZ	22	Brushless	105	24	316-7251	-
545C	545	0	Brushless	80	24	177-9953	10R-9790
545C	545	0	Brushless	95	24	197-8820	10R-9789
545C	545	0	Brushless	75	24	200-8281	0R-9938
545C	545	22	Brushless	105	24	316-7251	-
545C OEM	M5M	0	Brushless	80	24	177-9953	10R-9790
545D	KGP	22	0	105	24	321-8940	-
545D	KGP	22	Brush	115	24	344-5081	-
545D OEM	H23	0	Brushless	95	24	197-8820	10R-9789
545D OEM	H23	22	Brush	115	24	344-5081	-
552	552	0	Brushless	95	24	197-8820	10R-9789
552 SERIES 2	F7G	0	Brushless	95	24	197-8820	10R-9789
553C	W53	22	Brushless	95	24	226-7683	-
555D	5L5	22	Brush	115	24	344-5081	-
555D	PGY	22	0	105	24	321-8940	-
558 LL	LRT	22	Brush	115	24	344-5081	-
559C	KAS	22	Brushless	95	24	226-7683	-
559C	KB4	22	Brush	115	24	344-5081	-
563C	W63	22	Brushless	95	24	226-7683	-
563D	D63	22	Brush	115	24	344-5081	-
568 GF	YJX	22	Brushless	80	24	235-7133	-
568 LL	BRB	22	Brushless	80	24	235-7133	-
573C	RJT	22	Brushless	95	24	226-7683	-
573D	D73	22	Brush	115	24	344-5081	-
579C	KAX	22	Brushless	95	24	226-7683	-
579C	KB5	22	Brush	115	24	344-5081	-
584	109	22	Brush	145	24	352-4700	-
584	PAK	22	Brushless	150	24	272-1889	20R-0053
586C	SP5	22	Brushless	95	24	226-7683	-
586C	SP5	22	Brush	115	24	344-5081	-
TK1051	9HZ	0	Brushless	95	24	197-8820	10R-9789
TK1051	9HZ	22	Brushless	105	24	316-7251	-
TK370	WBD	0	Brushless	80	24	177-9953	10R-9790
TK370	WBD	0	Brushless	75	24	200-8281	0R-9938
TK371	WBG	0	Brushless	80	24	177-9953	10R-9790
TK371	WBG	0	Brushless	75	24	200-8281	0R-9938
TK380	WBE	0	Brushless	80	24	177-9953	10R-9790
TK380	WBE	0	Brushless	75	24	200-8281	0R-9938

## Forest Machine Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
TK381	WBH	0	Brushless	80	24	177-9953	10R-9790
TK381	WBH	0	Brushless	75	24	200-8281	0R-9938
TK711	101	0	Brushless	95	24	197-8820	10R-9789
TK711	TKA	17	Brush	52	12	9W-3043	0R-3652
TK711	TKA	0	Brushless	50	24	112-5041	0R-5206
TK711	TKA	0	Brushless	50	24	169-3345	10R-9791
TK711	TKA	22	Brushless	35	24	6N-9294	0R-5217
TK721	102	0	Brushless	95	24	197-8820	10R-9789
TK721	TKB	17	Brush	52	12	9W-3043	0R-3652
TK721	TKB	0	Brushless	50	24	112-5041	0R-5206
TK721	TKB	0	Brushless	50	24	169-3345	10R-9791
TK721	TKB	22	Brushless	35	24	6N-9294	0R-5217
TK722	103	0	Brushless	95	24	197-8820	10R-9789
TK722	TKC	17	Brush	52	12	9W-3043	0R-3652
TK722	TKC	0	Brushless	50	24	112-5041	0R-5206
TK722	TKC	0	Brushless	50	24	169-3345	10R-9791
TK722	TKC	22	Brushless	35	24	6N-9294	0R-5217
TK732	104	0	Brushless	95	24	197-8820	10R-9789
TK741	202	0	Brushless	95	24	197-8820	10R-9789
TK751	301	0	Brushless	95	24	197-8820	10R-9789
TK752	302	0	Brushless	95	24	197-8820	10R-9789

## Generators/Captive Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
3116	3AF	17	Brush	52	12	9W-3043	0R-3652
3306B	LSA	0	Brushless	50	24	112-5041	0R-5206
3306B	LSA	0	Brushless	50	24	169-3345	10R-9791
3306B	LSA	22	Brushless	60	24	266-7227	10R-8877
3306B	LSA	22	Brushless	105	24	331-5717	-
3306B	LSA	22	Brushless	60	24	333-1184	10R-8877
3306B	LSA	22	Brushless	35	24	6N-9294	0R-5217
3508B	BTB	0	Brushless	95	24	197-8820	10R-9789
3512C	RSR	0	Brushless	95	24	197-8820	10R-9789
3512C	RSR	22	Brushless	105	24	316-7251	-
3516B	CPW	22	Brushless	105	24	316-7251	-
C32	KCM	22	Brushless	95	24	226-7683	-
C32	KCM	22	Brushless	150	24	272-1889	20R-0053

## Generators/Captive Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
6015	DHB	22	Brushless	150	24	272-1889	20R-0053
6015 FS	DHF	22	Brushless	150	24	272-1889	20R-0053
6018	DHT	22	Brushless	150	24	272-1889	20R-0053
6018 FS	DHD	22	Brushless	150	24	272-1889	20R-0053
6030	DHL	22	Brushless	150	24	272-1889	20R-0053
6030 FS	DHG	22	Brushless	150	24	272-1889	20R-0053
6040	DHJ	22	Brushless	150	24	272-1889	20R-0053
6040 FS	DHX	22	Brushless	150	24	272-1889	20R-0053
6060	DHN	22	Brushless	150	24	272-1889	20R-0053
6060 FS	DH3	22	Brushless	150	24	272-1889	20R-0053

# Cat Alternators

## Hydraulic Track Drill Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
MD5050	DR8	22	Brushless	60	24	333-1184	-
MD5050T	DR9	22	Brushless	60	24	333-1184	-
MD5075	SER	22	Brushless	60	24	333-1184	-
MD5075C	SXR	22	Brushless	60	24	333-1184	-
MD5090	SEW	22	Brushless	60	24	333-1184	-
MD5125	SEZ	0	Brushless	80	24	177-9953	10R-9790
MD5125	SEZ	22	Brushless	80	24	235-7133	-
MD5125	SEZ	22	Brushless	60	24	333-1184	-
MD5150	SEY	22	Brushless	80	24	235-7133	-
MD5150	SEY	22	Brushless	60	24	333-1184	-
MD6290	DR3	0	Brushless	95	24	197-8820	10R-9789
MD6420C	DN6	0	Brushless	95	24	197-8820	10R-9789
MD6420C	DW9	22	Brushless	150	24	272-1889	20R-0053
MD6540	DR5	22	Brushless	225	24	421-7193	-
MD6540C	DS4	22	Brushless	225	24	421-7193	-

## Large Hydraulic Excavator Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
330	5YM	0	Brushless	50	24	112-5041	0R-5206
330	6SK	22	Brushless	75	24	3E-7577	0R-3615
330	8RL	17	Brush	52	12	9W-3043	0R-3652
330C OEM	MSD	0	Brushless	65	24	165-8857	10R-9788
330C OEM	MSD	0	Brushless	65	24	185-5294	10R-9788
330D L	MWP	0	Brushless	65	24	185-5294	10R-9788
330D L OEM	H3D	0	Brushless	65	24	165-8857	10R-9788
330D L OEM	H3D	0	Brushless	80	24	177-9953	10R-9790
330D L OEM	H3D	0	Brushless	65	24	185-5294	10R-9788
330D LN OEM	GMN	0	Brushless	65	24	165-8857	10R-9788
330D LN OEM	GMN	0	Brushless	80	24	177-9953	10R-9790
330D LN OEM	GMN	0	Brushless	65	24	185-5294	10R-9788
330D OEM	H3D	0	Brushless	65	24	165-8857	10R-9788
330D OEM	H3D	0	Brushless	80	24	177-9953	10R-9790
330D OEM	H3D	0	Brushless	65	24	185-5294	10R-9788
336D LN OEM	L5K	0	Brushless	65	24	165-8857	10R-9788
336D LN OEM	L5K	0	Brushless	80	24	177-9953	10R-9790
336D LN OEM	L5K	0	Brushless	65	24	185-5294	10R-9788
336D LN OEM	L5K	22	Brushless	80	24	235-7133	-
336D LN OEM	L5K	22	Brush	115	24	366-2756	-
336D 2	WDC	0	Brushless	65	24	185-5294	10R-9788
336D 2 L OEM	MZE	0	Brushless	65	24	185-5294	10R-9788
336D 2 OEM	SM3	0	Brushless	65	24	185-5294	10R-9788
336D 2GC	NBN	0	Brushless	65	24	185-5294	10R-9788
336D 2GC OEM	MGE	0	Brushless	65	24	185-5294	10R-9788
336D 2H	MFA	0	Brushless	65	24	185-5294	10R-9788
336D 2L	HBH	0	Brushless	65	24	185-5294	10R-9788
336D 2L	XBH	0	Brushless	65	24	165-8857	10R-9788
336D 2L	XBH	0	Brushless	80	24	177-9953	10R-9790
336D 2LH	NAH	0	Brushless	65	24	185-5294	10R-9788
336D 2LOEM	GGH	0	Brushless	65	24	185-5294	10R-9788
336D 2LOEM	HBZ	0	Brushless	65	24	165-8857	10R-9788
336D 2XE	LBX	0	Brushless	65	24	185-5294	10R-9788
336D L	JWR	0	Brushless	80	24	177-9953	10R-9790



## Large Hydraulic Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
336D L	PRF	0	Brushless	65	24	165-8857	10R-9788
336D L OEM	JRX	0	Brushless	65	24	165-8857	10R-9788
336D L OEM	JRX	0	Brushless	65	24	185-5294	10R-9788
336D L OEM	NBZ	0	Brushless	80	24	177-9953	10R-9790
336D L SB OEM	NBZ	0	Brushless	65	24	165-8857	10R-9788
336D L SB OEM	NBZ	0	Brushless	80	24	177-9953	10R-9790
336D L SB OEM	NBZ	0	Brushless	65	24	185-5294	10R-9788
336D LN	MYG	0	Brushless	65	24	165-8857	10R-9788
336D LN	MYG	0	Brushless	80	24	177-9953	10R-9790
336D LN	MYG	0	Brushless	65	24	185-5294	10R-9788
336E H	HDW	22	Brushless	80	24	235-7133	-
336E L	DPX	22	Brushless	80	24	235-7133	-
336E L H	JEA	22	Brushless	80	24	235-7133	-
336E L OEM	T3Z	22	Brushless	80	24	235-7133	-
336E LN H	SSL	22	Brushless	80	24	235-7133	-
336E OEM	T3Z	22	Brushless	80	24	235-7133	-
336F	YFD	22	Brushless	80	24	235-7133	-
336F H	NAJ	22	Brushless	80	24	235-7133	-
336F L	TJE	22	Brushless	80	24	235-7133	-
336F L H	LTP	22	Brushless	80	24	235-7133	-
336F L OEM	B39	22	Brushless	80	24	235-7133	-
336F LN	LJY	22	Brushless	80	24	235-7133	-
336F LN H	MTW	22	Brushless	80	24	235-7133	-
336F LNXE	YBH	22	Brushless	80	24	235-7133	-
336F LXE	DFY	22	Brushless	80	24	235-7133	-
336F OEM	B34	22	Brushless	80	24	235-7133	-
340D 2L	JEE	0	Brushless	65	24	185-5294	10R-9788
340D L	JTN	0	Brushless	65	24	165-8857	10R-9788
340D L	JTN	0	Brushless	65	24	185-5294	10R-9788
340F	YBF	22	Brushless	80	24	235-7133	-
345B	2NW	0	Brush	130	12	117-1379	0R-9480
345B	2NW	0	Brushless	50	24	112-5041	0R-5206
345B	5WS	22	Brush	70	24	107-7977	0R-8279
345B	5WS	0	Brushless	50	24	169-3345	10R-9791
345B	7KS	0	Brushless	80	24	177-9953	10R-9790
345B	7KS	22	Brushless	75	24	3E-7577	0R-3615
345B II	DCW	0	Brushless	70	24	155-7434	0R-8279
345B II	DCW	0	Brushless	80	24	177-9953	10R-9790
345B II	DCW	22	Brushless	75	24	3E-7577	0R-3615
345B II LC-FIX	AKX	0	Brushless	70	24	155-7434	0R-8279
345B L II	CDJ	0	Brushless	70	24	155-7434	0R-8279
345C	DHP	22	Brushless	80	24	235-7133	-
345C	ESD	22	Brushless	95	24	226-7683	-
345C OEM	B6N	0	Brushless	75	24	200-2232	0R-9940
345C OEM	B6N	22	Brushless	95	24	226-7683	-
345C OEM	NRF	22	Brushless	80	24	235-7133	-
345D LC-VG	LKY	22	Brushless	80	24	235-7133	-
345D OEM	P5D	22	Brushless	80	24	235-7133	-
349D	GKF	22	Brushless	80	24	235-7133	-
349D 2	YAG	22	Brushless	80	24	235-7133	-
349D 2 OEM	FE5	22	Brushless	80	24	235-7133	-
349D 2L	TAH	22	Brushless	80	24	235-7133	-
349D 2OEM	FH3	22	Brushless	80	24	235-7133	-

# Cat Alternators

## Large Hydraulic Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
349D L	JGB	22	Brushless	80	24	235-7133	-
349D L OEM	MCX	22	Brushless	80	24	235-7133	-
349D L-VG	KHS	22	Brushless	80	24	235-7133	-
349E LC-VG	KCN	22	Brushless	80	24	235-7133	-
349E OEM	FKF	22	Brushless	80	24	235-7133	-
349E OEM	S3P	0	Brushless	65	24	165-8857	10R-9788
349E OEM	S3P	0	Brushless	65	24	185-5294	10R-9788
349E OEM	S3P	22	Brush	115	24	366-2756	-
349F	HLB	22	Brushless	80	24	235-7133	-
349F L	FH2	22	Brushless	80	24	235-7133	-
349F LXE	RAX	22	Brushless	80	24	235-7133	-
349FV-VG	WNA	22	Brushless	80	24	235-7133	-
350	2ZL	22	Brush	70	24	107-7977	0R-8279
350	2ZL	0	Brushless	50	24	112-5041	0R-5206
350	2ZL	22	Brushless	35	24	6N-9294	0R-5217
350 L	9DK	0	Brush	130	12	117-1379	0R-9480
350 L	9DK	22	Brush	70	24	107-7977	0R-8279
350 L	9DK	0	Brushless	50	24	169-3345	10R-9791
352F	XAL	22	Brushless	80	24	235-7133	-
352F (VG)	NDC	22	Brushless	80	24	235-7133	-
352F MH OEM	B38	22	Brushless	80	24	235-7133	-
352F OEM	B36	22	Brushless	80	24	235-7133	-
352FVG	TS2	22	Brushless	80	24	235-7133	-
352F XE-VG	SD2	22	Brushless	80	24	235-7133	-
365C L OEM	GSZ	0	Brushless	80	24	177-9953	10R-9790
365C L OEM	GSZ	0	Brushless	75	24	200-2232	0R-9940
365C L OEM	GSZ	0	Brushless	75	24	200-8281	0R-9938
374D OEM	JNZ	0	Brushless	80	24	177-9953	10R-9790
374E L OEM	JKC	22	Brushless	95	24	226-7683	-
374F	AT2	22	Brushless	95	24	226-7683	-
374F L	P4L	22	Brushless	95	24	226-7683	-
374F OEM	H25	22	Brushless	95	24	226-7683	-
375 L	6RL	0	Brushless	50	24	112-5041	0R-5206
375 L	6RL	22	Brushless	75	24	3E-7577	0R-3615
385C OEM	MSF	0	Brushless	80	24	177-9953	10R-9790
385C OEM	MSF	0	Brushless	75	24	200-2232	0R-9940
385C OEM	MSF	0	Brushless	75	24	200-8281	0R-9938
385C OEM	MSF	22	Brushless	95	24	226-7683	-
390D L OEM	M1M	0	Brushless	80	24	177-9953	10R-9790
390D L OEM	M1M	0	Brushless	75	24	200-2232	0R-9940
390D L OEM	M1M	0	Brushless	75	24	200-8281	0R-9938
390D L OEM	M1M	22	Brushless	95	24	226-7683	-
390F	HJD	22	Brushless	95	24	226-7683	-
390F L	MGF	22	Brushless	95	24	226-7683	-
390F L OEM	N64	22	Brushless	95	24	226-7683	-
390F MH OEM	H27	22	Brushless	95	24	226-7683	-
390F OEM	PT7	22	Brushless	95	24	226-7683	-

## Large Mining Excavator Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
5110B	AAK	22	Brushless	150	24	249-0313	10R-9097
5110B	AAK	22	Brushless	105	24	316-7251	-

## Large Mining Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
5110B	AAT	0	Brushless	95	24	197-8820	10R-9789
5130B	4CS	0	Brushless	95	24	197-8820	10R-9789
5130B	4CS	22	Brushless	105	24	316-7251	-
5230	7LL	0	Brushless	95	24	197-8820	10R-9789
5230	7LL	22	Brushless	105	24	316-7251	-
5230B	4HZ	0	Brushless	95	24	197-8820	10R-9789
5230B	4HZ	22	Brushless	105	24	316-7251	-

## Large Mining Truck Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
784B	5RK	0	Brushless	95	24	197-8820	10R-9789
784B	5RK	22	Brushless	105	24	316-7251	-
784B	5RK	22	Brushless	75	24	3E-7577	0R-3615
784C	2PZ	0	Brushless	95	24	197-8820	10R-9789
784C	2PZ	22	Brushless	105	24	316-7251	-
785B	6HK	0	Brushless	95	24	197-8820	10R-9789
785B	6HK	22	Brushless	105	24	316-7251	-
785B	6HK	22	Brushless	75	24	3E-7577	0R-3615
785C	APX	0	Brushless	95	24	197-8820	10R-9789
785C	APX	22	Brushless	105	24	316-7251	-
785C HA	5AZ	0	Brushless	95	24	197-8820	10R-9789
785C HA	5AZ	22	Brushless	105	24	316-7251	-
785D	MSY	0	Brushless	95	24	197-8820	10R-9789
785D	MSY	0	Brushless	75	24	200-2232	0R-9940
785D	MSY	22	Brushless	105	24	316-7251	-
785D OEM	DMC	0	Brushless	95	24	197-8820	10R-9789
785D OEM	DMC	22	Brushless	105	24	316-7251	-
785G	RTL	22	Brushless	270	24	322-9743	-
785G	RTL	22	Brushless	225	24	421-7193	-
789B	7EK	0	Brushless	95	24	197-8820	10R-9789
789B	7EK	22	Brushless	105	24	316-7251	-
789B	7EK	22	Brushless	75	24	3E-7577	0R-3615
789C	2BW	0	Brushless	95	24	197-8820	10R-9789
789C	2BW	22	Brushless	105	24	316-7251	-
789D	SPD	0	Brushless	95	24	197-8820	10R-9789
789D	SPD	0	Brushless	75	24	200-2232	0R-9940
789D	SPD	22	Brushless	105	24	316-7251	-
789D OEM	TWP	22	Brushless	105	24	316-7251	-
789D XQ	SHH	22	Brushless	105	24	316-7251	-
793C	CBR	0	Brushless	95	24	197-8820	10R-9789
793C	CBR	22	Brushless	105	24	316-7251	-
793D	FDB	0	Brushless	95	24	197-8820	10R-9789
793D	FDB	22	Brushless	75	24	276-8899	-
793D	FDB	22	Brushless	105	24	316-7251	-
793D	FDB	22	Brushless	270	24	322-9743	-
793D	FDB	22	Brushless	150	24	437-0125	-
793F	D3T	22	Brushless	225	24	421-7193	-
793F	SSP	0	Brushless	95	24	197-8820	10R-9789
793F	SSP	22	Brushless	150	24	272-1889	20R-0053
793F	SSP	22	Brushless	75	24	276-8899	-
793F	SSP	22	Brushless	105	24	316-7251	-
793F	SSP	22	Brushless	270	24	322-9743	-

# Cat Alternators

## Large Mining Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
793F	SSP	22	Brushless	150	24	437-0125	-
793F AC	EMD	22	Brushless	150	24	272-1889	20R-0053
793F AC	EMD	22	Brushless	75	24	276-8899	-
793F AC	EMD	22	Brushless	150	24	437-0125	-
793F CMD	RBT	22	Brushless	150	24	272-1889	20R-0053
793F CMD	RBT	22	Brushless	75	24	276-8899	-
793F CMD	RBT	22	Brushless	105	24	316-7251	-
793F CMD	RBT	22	Brushless	270	24	322-9743	-
793F CMD	RBT	22	Brushless	150	24	437-0125	-
793F OEM	SXP	22	Brushless	150	24	272-1889	20R-0053
793F OEM	SXP	22	Brushless	75	24	276-8899	-
793F OEM	SXP	22	Brushless	105	24	316-7251	-
793F OEM	SXP	22	Brushless	150	24	437-0125	-
793F XQ	SND	22	Brushless	150	24	272-1889	20R-0053
793F XQ	SND	22	Brushless	75	24	276-8899	-
793F XQ	SND	22	Brushless	150	24	437-0125	-
794 AC	MT5	22	Brushless	150	24	272-1889	20R-0053
794 AC	MT5	22	Brushless	270	24	322-9743	-
794 AC	MT5	22	Brushless	150	24	437-0125	-
795F AC	ERM	22	Brushless	150	24	272-1889	20R-0053
795F AC	ERM	22	Brushless	75	24	276-8899	-
795F AC	ERM	22	Brushless	150	24	437-0125	-
795F XQ	SNT	22	Brushless	150	24	272-1889	20R-0053
795F XQ	SNT	22	Brushless	150	24	437-0125	-
797	5YW	0	Brushless	80	24	177-9953	10R-9790
797	5YW	0	Brushless	95	24	197-8820	10R-9789
797	5YW	22	Brushless	150	24	272-1889	20R-0053
797	5YW	22	Brushless	105	24	316-7251	-
797	5YW	22	Brushless	150	24	437-0125	-
797	5YW	22	Brushless	75	24	3E-7577	0R-3615
797B	JSM	0	Brushless	80	24	177-9953	10R-9790
797B	JSM	0	Brushless	95	24	197-8820	10R-9789
797B	JSM	22	Brushless	150	24	272-1889	20R-0053
797B	JSM	22	Brushless	105	24	316-7251	-
797B	JSM	22	Brushless	150	24	437-0125	-
797B	JSM	22	Brushless	75	24	3E-7577	0R-3615
797F	LAJ	22	Brushless	150	24	272-1889	20-R0053
797F	LAJ	22	Brushless	270	24	322-9743	-
797F	LAJ	22	Brushless	150	24	437-0125	-
797F XQ	WSP	22	Brushless	150	24	272-1889	20R-0053
797F XQ	WSP	22	Brushless	150	24	437-0125	-

## Large Track-Type Tractor Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D10N	2YD	0	Brushless	50	24	112-5041	0R-5206
D10N	2YD	0	Brushless	50	24	169-3345	10R-9791
D10N	2YD	0	Brushless	95	24	197-8820	10R-9789
D10N	2YD	0	Brushless	75	24	200-8281	0R-9938
D10N	2YD	22	Brushless	105	24	316-7251	-
D10N	2YD	22	Brushless	35	24	6N-9294	0R-5217
D10N	3SK	0	Brushless	80	24	177-9953	10R-9790
D10N	3SK	22	Brushless	80	24	235-7133	-

## Large Track-Type Tractor Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D10N	3SK	22	Brushless	105	24	331-5717	-
D10N	3SK	22	Brushless	75	24	3E-7577	0R-3615
D10R	3KR	0	Brushless	80	24	177-9953	10R-9790
D10R	3KR	0	Brushless	75	24	200-8281	0R-9938
D10R	3KR	22	Brushless	75	24	3E-7577	0R-3615
D10R	AKT	0	Brushless	95	24	197-8820	10R-9789
D10R	AKT	0	Brushless	100	24	204-7449	0R-9937
D10R	AKT	22	Brushless	105	24	316-7251	10R-8755
D10R	AKT	22	Brushless	105	24	331-5717	20R-0541
D10T	JJW	22	Brushless	150	24	272-1889	20R-0053
D10T	RJG	0	Brushless	95	24	197-8820	10R-9789
D11N	4HK	22	Brushless	105	24	316-7251	10R-8755
D11N	4HK	22	Brushless	105	24	331-5717	-
D11N	74Z	0	Brushless	50	24	112-5041	0R-5206
D11N	74Z	0	Brushless	50	24	169-3345	10R-9791
D11N	74Z	0	Brushless	95	24	197-8820	10R-9789
D11N	74Z	22	Brushless	75	24	3E-7577	0R-3615
D11N	74Z	22	Brushless	35	24	6N-9294	0R-5217
D11R	7PZ	0	Brushless	95	24	197-8820	10R-9789
D11R	7PZ	22	Brushless	95	24	226-7683	-
D11R	7PZ	22	Brushless	105	24	316-7251	-
D11R	7PZ	22	Brushless	105	24	331-5717	-
D11R CD	AAF	0	Brushless	95	24	197-8820	10R-9789
D11R CD	AAF	22	Brushless	95	24	226-7683	-
D11R CD	AAF	22	Brushless	105	24	316-7251	-
D11R CD	AAF	22	Brushless	105	24	331-5717	20R-0541
D11T	DDD	0	Brushless	95	24	197-8820	10R-9789
D11T	GEB	22	Brushless	95	24	226-7683	-
D11T	JEL	22	Brushless	150	24	272-1889	20R-0053
D11T	JNS	0	Brush	110	12	203-5492	10R-9098
D11T CD	TPB	22	Brushless	95	24	226-7683	-
D11T CD	TPB	22	Brushless	150	24	272-1889	20R-0053
D9L	14Y	0	Brushless	50	24	112-5041	0R-5206
D9L	14Y	0	Brushless	50	24	169-3345	10R-9791
D9L	14Y	0	Brushless	80	24	177-9953	10R-9790
D9L	14Y	0	Brushless	75	24	200-8281	0R-9938
D9L	14Y	22	Brushless	75	24	266-7226	10R-8907
D9L	14Y	22	Brushless	75	24	3E-7577	0R-3615
D9L	14Y	22	Brushless	35	24	6N-9294	0R-5217
D9N	1JD	0	Brushless	50	24	112-5041	0R-5206
D9N	1JD	0	Brushless	80	24	177-9953	10R-9790
D9N	1JD	0	Brushless	75	24	200-8281	0R-9938
D9N	6XJ	0	Brushless	70	24	155-7434	0R-8279
D9N	6XJ	0	Brushless	65	24	165-8857	10R-9788
D9N	6XJ	0	Brushless	50	24	169-3345	10R-9791
D9N	6XJ	0	Brushless	65	24	185-5294	10R-9788
D9N	6XJ	0	Brushless	95	24	197-8820	10R-9789
D9N	6XJ	22	Brushless	75	24	266-7226	10R-8907
D9N	6XJ	22	Brushless	105	24	316-7251	-
D9N	6XJ	22	Brushless	75	24	3E-7577	0R-3615
D9N	6XJ	22	Brushless	35	24	6N-9294	0R-5217
D9R	ABK	0	Brushless	80	24	177-9953	10R-9790
D9R	ABK	0	Brushless	65	24	185-5294	10R-9788

# Cat Alternators

## Large Mining Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D9R	ABK	0	0	150	24	306-2174	-
D9R	ABK	22	Brushless	105	24	316-7251	10R-8755
D9R	ABK	22	Brushless	105	24	331-5717	-
D9R	ABK	22	Brushless	75	24	3E-7577	0R-3615
D9R	ACL	0	Brushless	95	24	197-8820	10R-9789
D9R	JJB	22	Brushless	270	24	322-9743	-
D9R	WDM	0	Brushless	75	24	200-8281	0R-9938
D9R	WDM	0	Brushless	100	24	204-7449	0R-9937
D9R	WDM	22	Brushless	75	24	266-7226	10R-8907
D9T	REX	22	Brushless	150	24	272-1889	20R-0053
D9T	RJS	0	Brushless	80	24	177-9953	10R-9790
D9T	RJS	0	Brushless	95	24	197-8820	10R-9789
D9T	RJS	0	Brushless	75	24	200-8281	0R-9938
D9T	RJS	0	Brushless	100	24	204-7449	0R-9937
D9T	RJS	22	Brushless	75	24	266-7226	10R-8907
D9T	RJS	0	0	150	24	306-2174	10R-7946
D9T	RJS	22	Brushless	105	24	316-7251	-
D9T	RJS	22	Brushless	105	24	331-5717	20R-0541
D9T	TWG	0	Brush	110	12	203-5492	10R-9098
D9T	TWG	22	Brushless	95	24	226-7683	-

## Large Wheel Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
834	92Z	0	Brushless	50	24	112-5041	0R-5206
834	92Z	22	Brushless	75	24	3E-7577	0R-3615
834B	7BR	0	Brushless	50	24	112-5041	0R-5206
834B	7BR	0	Brushless	50	24	169-3345	10R-9791
834B	7BR	22	Brushless	75	24	3E-7577	0R-3615
834B	7BR	22	Brushless	35	24	6N-9294	0R-5217
834G	BPC	0	Brushless	95	24	197-8820	10R-9789
834G	BPC	0	Brushless	100	24	229-2348	-
834G	BPC	22	Brushless	105	24	316-7251	10R-8755
834G	BPC	22	Brushless	105	24	331-5717	-
834H	BTX	0	Brushless	95	24	197-8820	10R-9789
834H	BTX	22	Brushless	95	24	257-9466	10R-9789
834H	BTX	22	Brushless	105	24	331-5717	20R-0541
834K	LWY	22	Brushless	150	24	272-1889	20R-0053
844	2KZ	22	Brushless	105	24	316-7251	-
844	BBN	0	Brushless	95	24	197-8820	10R-9789
844H	BTW	0	Brushless	75	24	200-2232	0R-9940
844H	BTW	22	Brushless	95	24	226-7683	-
844K	KLS	22	Brushless	150	24	272-1889	20R-0053
854G	1JW	0	Brushless	95	24	197-8820	10R-9789
854G	A4W	22	Brushless	105	24	316-7251	-
854K	221	22	Brushless	95	24	226-7683	-
854K	KK3	22	Brushless	150	24	272-1889	20R-0053
854K	KK3	22	Brushless	270	24	322-9743	-
854K 2	H9K	22	Brushless	150	24	272-1889	20R-0053
854K 2	H9K	22	Brushless	270	24	322-9743	-
986H	L8S	22	Brush	115	24	344-5081	-
986H	L8S	22	Brush	115	24	366-2756	-
988B	50W	0	Brushless	50	24	112-5041	0R-5206



## Large Mining Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
988B	50W	0	Brushless	50	24	169-3345	10R-9791
988B	50W	22	Brushless	75	24	3E-7577	0R-3615
988B	50W	22	Brushless	35	24	6N-9294	0R-5217
988F	2ZR	0	Brushless	95	24	197-8820	10R-9789
988F	2ZR	22	Brushless	105	24	316-7251	-
988F	2ZR	22	Brushless	75	24	3E-7577	0R-3615
988G	BNH	0	Brushless	95	24	197-8820	10R-9789
988G	BNH	0	Brushless	100	24	229-2348	-
988G	BNH	22	Brushless	105	24	316-7251	10R-8755
988G	BNH	22	Brushless	105	24	331-5717	20R-0541
988H	BXY	0	Brushless	80	24	177-9953	10R-9790
988H	BXY	0	Brushless	95	24	197-8820	10R9789
988H	BXY	22	Brushless	95	24	257-9466	10R9789
988H	BXY	22	Brushless	105	24	316-7251	10R8755
988H	BXY	22	Brushless	105	24	331-5717	20R-0541
988K	LWX	22	Brushless	150	24	272-1889	20R-0053
988K XE	EWX	22	Brushless	150	24	272-1889	20R-0053
990	7HK	0	Brushless	95	24	197-8820	10R-9789
990	7HK	22	Brushless	105	24	316-7251	-
990 II	4FR	0	Brushless	50	24	169-3345	10R-9791
990 II	4FR	22	Brushless	35	24	6N-9294	0R-5217
990 II	BCR	0	Brushless	95	24	197-8820	10R-9789
990 II	BCR	22	Brushless	105	24	316-7251	-
990H	BWX	0	Brushless	75	24	200-2232	0R-9940
990H	BWX	22	Brushless	95	24	226-7683	-
990K	A9P	22	Brushless	150	24	272-1889	20R-0053
991K	530	22	Brushless	95	24	226-7683	-
991K	530	22	Brushless	150	24	272-1889	20R-0053
992C	42X	0	Brushless	50	24	112-5041	0R-5206
992C	42X	0	Brushless	50	24	169-3345	10R-9791
992C	49Z	22	Brushless	75	24	3E-7577	0R-3615
992C	49Z	22	Brushless	35	24	6N-9294	0R-5217
992D	7MJ	0	Brushless	50	24	112-5041	0R-5206
992D	7MJ	0	Brushless	50	24	169-3345	10R-9791
992D	7MJ	22	Brushless	75	24	3E-7577	0R-3615
992D	7MJ	22	Brushless	35	24	6N-9294	0R-5217
992G	ADZ	0	Brushless	95	24	197-8820	10R-9789
992G	ADZ	22	Brushless	105	24	316-7251	-
992K	H4C	22	Brushless	95	24	226-7683	-
992K	H4C	22	Brushless	150	24	272-1889	20R-0053
992K	RM2	22	Brushless	270	24	322-9743	-
992K 2	ZMX	22	Brushless	150	24	272-1889	20R-0053
992K 2	ZMX	22	Brushless	270	24	322-9743	-
992X	Z4X	22	Brushless	150	24	272-1889	20R-0053
993K	Z4D	22	Brushless	150	24	272-1889	20R-0053
993K 2	Z4Z	22	Brushless	150	24	272-1889	20R-0053
994D	3TZ	0	Brushless	95	24	197-8820	10R-9789
994D	3TZ	22	Brushless	105	24	316-7251	-
994D	3TZ	22	Brushless	75	24	3E-7577	0R-3615
994F	442	0	Brushless	80	24	177-9953	10R-9790
994H	DWC	0	Brushless	80	24	177-9953	10R-9790

# Cat Alternators

## Material Handler Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
325C MH	S2C	0	Brushless	65	24	165-8857	10R-9788
325C MH	S2C	0	Brushless	80	24	177-9953	10R-9790
325C MH	S2C	0	Brushless	65	24	185-5294	10R-9788
325D MH FCR	RJK	0	Brushless	80	24	177-9953	10R-9790
325D MH FCR	RJK	22	Brush	115	24	366-2756	-
325D MH HCR	C4H	0	Brushless	80	24	177-9953	10R-9790
325D MH HCR	C4H	22	Brush	115	24	366-2756	-
329D L SB OEM	L5H	0	Brushless	65	24	165-8857	10R-9788
329D L SB OEM	L5H	0	Brushless	80	24	177-9953	10R-9790
329D L SB OEM	L5H	0	Brushless	65	24	185-5294	10R-9788
329D L SB OEM	L5H	22	Brush	115	24	366-2756	-
330C MH	D3C	0	Brushless	65	24	165-8857	10R-9788
330C MH	D3C	0	Brushless	65	24	185-5294	10R-9788
330D MH FCR	LEM	0	Brushless	80	24	177-9953	10R-9790
330D MH HCR	C5K	0	Brushless	65	24	165-8857	10R-9788
330D MH HCR	C5K	0	Brushless	80	24	177-9953	10R-9790
330D MH HCR	C5K	0	Brushless	65	24	185-5294	10R-9788
330D WH	JJM	0	Brushless	80	24	177-9953	10R-9790
336D HVG UHD OEM	M3N	0	Brushless	65	24	165-8857	10R-9788
336D HVG UHD OEM	M3N	0	Brushless	80	24	177-9953	10R-9790
336D HVG UHD OEM	M3N	0	Brushless	65	24	185-5294	10R-9788
336D L UHD OEM	M3M	0	Brushless	65	24	165-8857	10R-9788
336D L UHD OEM	M3M	0	Brushless	80	24	177-9953	10R-9790
336D L UHD OEM	M3M	0	Brushless	65	24	185-5294	10R-9788
336D LN SB OEM	M3S	0	Brushless	65	24	165-8857	10R-9788
336D LN SB OEM	M3S	0	Brushless	80	24	177-9953	10R-9790
336D LN SB OEM	M3S	0	Brushless	65	24	185-5294	10R-9788
336E HVG UHD OEM	RBS	22	Brushless	80	24	235-7133	-
336E L UHD OEM	PCE	22	Brushless	80	24	235-7133	-
340D 2L OEM	DC8	0	Brushless	65	24	165-8857	10R-9788
345B II MH	APB	0	Brushless	70	24	155-7434	0R-8279
345B II MH	APB	0	Brushless	80	24	177-9953	10R-9790
345B II MH	APB	22	Brushless	75	24	3E-7577	0R-3615
345C HVG UHD OEM	M3F	22	Brushless	80	24	235-7133	-
345C L UHD OEM	L5B	22	Brushless	80	24	235-7133	-
345C LVG UHD OEM	M3E	22	Brushless	80	24	235-7133	-
345C MH FCR	M2R	0	Brushless	75	24	200-2232	0R-9940
345C MH FCR	M2R	22	Brushless	95	24	226-7683	-
345C MH FCR	M2R	22	Brushless	80	24	235-7133	-
345C MH HCR	D3S	22	Brushless	95	24	226-7683	-
349E HVG UHD OEM	JAE	22	Brushless	80	24	235-7133	-
385C L MH OEM	M3P	0	Brushless	80	24	177-9953	10R-9790
385C L MH OEM	M3P	0	Brushless	75	24	200-2232	0R-9940
385C L MH OEM	M3P	0	Brushless	75	24	200-8281	0R-9938
385C L MH OEM	M3P	22	Brushless	95	24	226-7683	-
385C LVG UHD OEM	M3W	0	Brushless	80	24	177-9953	10R-9790
385C LVG UHD OEM	M3W	0	Brushless	75	24	200-2232	0R-9940
385C LVG UHD OEM	M3W	0	Brushless	75	24	200-8281	0R-9938
385C LVG UHD OEM	M3W	22	Brushless	95	24	226-7683	-
385C MH OEM	E1Y	0	Brushless	80	24	177-9953	10R-9790
385C MH OEM	E1Y	0	Brushless	75	24	200-2232	0R-9940
385C MH OEM	E1Y	0	Brushless	75	24	200-8281	0R-9938
385C MH OEM	E1Y	22	Brushless	95	24	226-7683	-

## Material Handler Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
M325B MH	BGN	17	Brush	52	12	9W-3043	0R-3652
MH3037	JLH	22	Brushless	95	24	226-7683	-
MH3049	HPB	0	Brushless	95	24	197-8820	10R-9789
MH3059	RBR	0	Brushless	95	24	197-8820	10R-9789
MH3295	PA9	22	Brushless	95	24	226-7683	-
W330B MH	AME	0	Brushless	50	24	112-5041	0R-5206
W330B MH	AME	0	Brushless	50	24	169-3345	10R-9791
W330B MH	AME	22	Brushless	35	24	6N-9294	0R-5217
W345B II MH	ANJ	0	Brushless	70	24	155-7434	0R-8279
W345B II MH	ANJ	0	Brushless	80	24	177-9953	10R-9790
W345B II MH	ANJ	22	Brushless	75	24	3E-7577	0R-3615
W345C MH FCR	R5K	0	Brushless	75	24	200-2232	0R-9940
W345C MH FCR	R5K	22	Brushless	95	24	226-7683	-
W345C MH FCR	R5K	22	Brushless	80	24	235-7133	-

## Medium Hydraulic Excavator Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
320	HEX	22	Brush	115	24	344-5081	-
320	HEX	22	Brush	145	24	352-4700	-
320 GC	KTN	22	Brush	115	24	344-5081	-
320 GC	KTN	22	Brush	145	24	352-4700	-
320D	MZD	22	Brushless	80	24	235-7133	-
320D 2	WDJ	22	Brush	115	24	344-5081	-
320D 2GC	JFM	22	Brush	115	24	344-5081	-
320D 2L	STN	22	Brush	115	24	344-5081	-
320D 2L OEM	K22	22	Brush	115	24	344-5081	-
320D GC	JZA	22	Brushless	80	24	235-7133	-
320D GC OEM	A23	22	Brushless	80	24	235-7133	-
320D GC OEM	A23	22	Brush	115	24	344-5081	-
320D L	KZF	22	Brushless	80	24	235-7133	-
320D OEM	BK8	22	Brush	115	24	344-5081	-
320E	AWS	22	Brushless	80	24	235-7133	-
320E	AWS	22	Brush	115	24	344-5081	-
320E L	LAK	22	Brush	115	24	344-5081	-
320E L	NAZ	22	Brushless	80	24	235-7133	-
320E L OEM	FH8	22	Brushless	80	24	235-7133	-
320E L OEM	FH8	22	Brush	115	24	344-5081	-
320E LN	DFG	22	Brushless	80	24	235-7133	-
320E LN	DFG	22	Brush	115	24	344-5081	-
320E LRR	TFX	22	Brushless	80	24	235-7133	-
320E LRR	TFX	22	Brush	115	24	344-5081	-
320E OEM	EGX	22	Brushless	80	24	235-7133	-
320E OEM	EGX	22	Brush	115	24	344-5081	-
320E RR	LHN	22	Brushless	80	24	235-7133	-
320E RR	LHN	22	Brush	115	24	344-5081	-
320E RR OEM	S7A	22	Brushless	80	24	235-7133	-
320E RR OEM	S7A	22	Brush	115	24	344-5081	-
320F L	NHD	22	Brush	115	24	344-5081	-
322	8ML	0	Brushless	50	24	112-5041	0R-5206
322	8ML	0	Brushless	50	24	169-3345	10R-9791
322	8ML	22	Brushless	35	24	6N-9294	0R-5217
323	RAZ	22	Brush	115	24	344-5081	-

# Cat Alternators

## Medium Hydraulic Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
323	RAZ	22	Brush	145	24	352-4700	-
323D 2L	KBX	22	Brush	115	24	344-5081	-
323D 2L OEM	FEF	22	Brush	115	24	344-5081	-
323D 2LOEM	FH4	22	Brush	115	24	344-5081	-
323D L	NZF	22	Brushless	80	24	235-7133	-
323D L OEM	L5Z	22	Brushless	80	24	235-7133	-
323D OEM	FAW	0	Brushless	65	24	185-5294	10R-9788
323D OEM	FAW	22	Brush	115	24	366-2756	-
323D OEM	GRN	0	Brushless	65	24	165-8857	10R-9788
323E L	RAP	22	Brushless	80	24	235-7133	-
323E L	RAP	22	Brush	115	24	344-5081	-
323E L OEM	FH7	22	Brushless	80	24	235-7133	-
323E L OEM	FH7	22	Brush	115	24	344-5081	-
323E LN	TDW	22	Brushless	80	24	235-7133	-
323E LN	TDW	22	Brush	115	24	344-5081	-
323E SA	YRP	22	Brushless	80	24	235-7133	-
323E SA	YRP	22	Brush	115	24	344-5081	-
323F L	KBY	22	Brush	115	24	344-5081	-
323F OEM	P39	22	Brush	115	24	344-5081	-
324D L	JJG	22	Brush	115	24	366-2756	-
324D LN	TRH	0	Brushless	65	24	165-8857	10R-9788
324D LN	TRH	22	Brush	115	24	366-2756	-
324D LN OEM	KJR	0	Brushless	65	24	165-8857	10R-9788
324D LN OEM	KJR	0	Brushless	80	24	177-9953	10R-9790
324D LN OEM	KJR	0	Brushless	65	24	185-5294	10R-9788
324D LN OEM	KJR	22	Brush	115	24	366-2756	-
324D OEM	LBW	0	Brushless	80	24	177-9953	10R-9790
324D OEM	LBW	22	Brush	115	24	366-2756	-
324E L OEM	K32	22	Brushless	80	24	235-7133	-
324E L OEM	K32	22	Brush	115	24	344-5081	-
324F L	WGL	22	Brush	115	24	344-5081	-
325	7LM	0	Brushless	50	24	112-5041	0R-5206
325	7LM	0	Brushless	50	24	169-3345	10R-9791
325	7LM	22	Brushless	35	24	6N-9294	0R-5217
325B	6DN	0	Brushless	50	24	112-5041	0R-5206
325B	6DN	0	Brushless	50	24	169-3345	10R-9791
325B	6DN	22	Brushless	35	24	6N-9294	0R-5217
325C	BFE	0	Brushless	80	24	177-9953	10R-9790
325C OEM	MSG	0	Brushless	65	24	165-8857	10R-9788
325C OEM	MSG	0	Brushless	65	24	185-5294	10R-9788
325D L	AZP	0	Brushless	65	24	185-5294	10R-9788
325D L OEM	X3N	0	Brushless	65	24	165-8857	10R-9788
325D L OEM	X3N	0	Brushless	80	24	177-9953	10R-9790
325D L OEM	X3N	0	Brushless	65	24	185-5294	10R-9788
325D L OEM	X3N	22	Brush	115	24	366-2756	-
325D OEM	X3N	0	Brushless	65	24	165-8857	10R-9788
325D OEM	X3N	0	Brushless	80	24	177-9953	10R-9790
325D OEM	X3N	0	Brushless	65	24	185-5294	10R-9788
325D OEM	X3N	22	Brush	115	24	366-2756	-
326D 2	REC	22	Brush	115	24	344-5081	-
326D 2L	XAM	22	Brush	115	24	344-5081	-
326D 2L OEM	HM4	22	Brush	115	24	344-5081	-
326D 2OEM	F3Y	22	Brush	115	24	344-5081	-

## Medium Hydraulic Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
326D L	PJM	0	Brushless	65	24	165-8857	10R-9788
326D L	PJM	0	Brushless	65	24	185-5294	10R-9788
326D L	PJM	22	Brush	115	24	366-2756	-
326F	SGK	22	Brush	115	24	344-5081	-
326F L	WGL	22	Brush	115	24	344-5081	-
326F L OEM	CJ8	22	Brush	115	24	344-5081	-
328D LCR	RMX	22	Brush	115	24	366-2756	-
328D LCR	SWF	0	Brushless	65	24	165-8857	10R-9788
328D LCR	SWF	0	Brushless	65	24	185-5294	10R-9788
328D LCR OEM	JTC	0	Brushless	65	24	165-8857	10R-9788
328D LCR OEM	JTC	0	Brushless	65	24	185-5294	10R-9788
328D LCR OEM	JTC	22	Brush	115	24	366-2756	-
329D 2	TMJ	22	Brush	115	24	344-5081	-
329D 2L	THW	22	Brush	115	24	344-5081	-
329D 2L OEM	HER	22	Brush	115	24	344-5081	-
329D L	JHJ	22	Brush	115	24	366-2756	-
329D L	TZL	0	Brushless	80	24	177-9953	10R-9790
329D L	TZL	0	Brushless	65	24	185-5294	10R-9788
329D L	YFW	0	Brushless	65	24	165-8857	10R-9788
329D L OEM	J8D	0	Brushless	65	24	165-8857	10R-9788
329D L OEM	J8D	0	Brushless	80	24	177-9953	10R-9790
329D L OEM	J8D	0	Brushless	65	24	185-5294	10R-9788
329D L OEM	J8D	22	Brush	115	24	366-2756	-
329D LN	EBM	0	Brushless	65	24	165-8857	10R-9788
329D LN	EBM	0	Brushless	65	24	185-5294	10R-9788
329E OEM	KNR	22	Brushless	80	24	235-7133	-
329E OEM	KNR	22	Brush	115	24	344-5081	-
329F	YHA	22	Brush	115	24	344-5081	-
329F L	RCN	22	Brush	115	24	344-5081	-
329F L OEM	B33	22	Brush	115	24	344-5081	-
330D 2L	RCK	22	Brush	115	24	344-5081	-
330D 2L OEM	HSP	22	Brush	115	24	344-5081	-
330F L	LCG	22	Brush	115	24	344-5081	-
330F L OEM	B33	22	Brush	115	24	344-5081	-
330F LN	LBN	22	Brush	115	24	344-5081	-
330F LN OEM	LNK	22	Brush	115	24	344-5081	-
330F OEM	B32	22	Brush	115	24	344-5081	-
335F	KNE	22	Brush	115	24	344-5081	-
335F LCR OEM	KHM	22	Brush	115	24	344-5081	-

## Medium Wheel Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
936F	9MK	17	Brush	52	12	9W-3043	0R-3652
950 GC	M5K	22	Brush	115	24	344-5081	-
950 GC	M5T	22	Brush	145	24	352-4700	-
950F II	6LL	22	Brush	70	24	107-7977	0R-8279
950G	2JS	0	Brush	130	12	117-1379	0R-9480
950G	2JS	22	Brush	70	24	107-7977	0R-8279
950G II	AYB	0	Brushless	65	24	185-5294	10R-9788
950H	JLX	22	Brush	115	24	366-2756	-
950H	JLX	22	Brushless	75	24	3E-7577	0R-3615
950H	M1G	0	Brushless	80	24	177-9953	10R-9790

# Cat Alternators

## Medium Wheel Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
950K	R4A	22	Brushless	150	24	272-1889	20R-0053
950K	R4A	22	Brush	115	24	344-5081	–
950L	LXX	22	Brushless	150	24	272-1889	20R-0053
950L	LXX	22	Brush	115	24	344-5081	–
950M	EMB	22	Brushless	150	24	272-1889	20R-0053
950M	EMB	22	Brush	145	24	352-4700	–
950M	ENE	22	Brush	115	24	344-5081	–
950M	HE8	22	Brushless	270	24	322-9743	–
960F	6XL	0	Brushless	95	24	197-8820	10R-9789
960F	6XL	22	Brushless	105	24	316-7251	–
960F	6XL	22	Brushless	75	24	3E-7577	0R-3615
962G II	AYE	22	Brush	70	24	107-7977	0R-8279
962H	K6K	0	Brushless	80	24	177-9953	10R-9790
962H	PCW	22	Brush	115	24	366-2756	–
962H	PCW	22	Brushless	75	24	3E-7577	0R-3615
962H OEM	L5S	0	Brushless	80	24	177-9953	10R-9790
962K	FLL	22	Brushless	150	24	272-1889	20R-0053
962K	FLL	22	Brush	115	24	344-5081	–
962L	MTN	22	Brushless	150	24	272-1889	20R-0053
962L	MTN	22	Brush	115	24	344-5081	–
962M	F2T	22	Brushless	150	24	272-1889	20R-0053
962M	F2T	22	Brush	145	24	352-4700	–
962M	LSE	22	Brush	115	24	344-5081	–
966E	6ZC	0	Brush	130	12	117-1379	0R-9480
966E	6ZC	0	Brushless	80	24	177-9953	10R-9790
966F II	4YG	22	Brush	70	24	107-7977	0R-8279
966F II	4YG	0	Brushless	50	24	112-5041	0R-5206
966F II	4YG	0	Brushless	80	24	177-9953	10R-9790
966G	AAH	0	Brushless	95	24	197-8820	10R-9789
966G	AAH	22	Brushless	105	24	331-5717	20R-0541
966G II	ANT	0	Brush	130	12	117-1379	0R-9480
966H	A6D	22	Brushless	80	24	235-7133	–
966H	A6D	22	Brush	115	24	344-5081	–
966H	BS6	22	Brushless	150	24	272-1889	20R-0053
966H OEM	CYR	22	Brushless	80	24	235-7133	–
966K	TFS	22	Brushless	95	24	226-7683	–
966K	TFS	22	Brushless	150	24	272-1889	20R-0053
966K XE	NGX	22	Brushless	150	24	272-1889	20R-0053
966L	FRS	0	Brushless	80	24	177-9953	10R-9790
966L	FRS	22	Brushless	150	24	272-1889	20R-0053
966L	FRS	22	Brush	115	24	344-5081	–
966L	FRS	22	Brush	145	24	352-4700	–
966M	LMM	22	Brushless	150	24	272-1889	20R-0053
966M	LMM	22	Brush	145	24	352-4700	–
966M	R8D	0	Brushless	80	24	177-9953	10R-9790
966M XE	P6C	0	Brushless	80	24	177-9953	10R-9790
966M XE	P6C	22	Brushless	150	24	272-1889	20R-0053
966M XE	P6C	22	Brush	145	24	352-4700	–
970F	9JK	0	Brush	130	12	117-1379	0R-9480
970F	9JK	0	Brushless	50	24	112-5041	0R-5206
970F	9JK	22	Brushless	75	24	3E-7577	0R-3615
972G	1EW	0	Brush	130	12	117-1379	0R-9480
972G	6AW	22	Brush	70	24	107-7977	0R-8279



## Medium Wheel Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
972G	6AW	0	Brushless	50	24	112-5041	0R-5206
972H	A7J	22	Brushless	95	24	226-7683	-
972H	A7J	22	Brushless	80	24	235-7133	-
972H	A7J	22	Brush	115	24	344-5081	-
972K	Z4W	22	Brushless	95	24	226-7683	-
972K	Z4W	22	Brushless	150	24	272-1889	20R-0053
972L	RFB	0	Brushless	80	24	177-9953	10R-9790
972L	RFB	22	Brushless	150	24	272-1889	20R-0053
972L	RFB	22	Brush	115	24	344-5081	-
972L	RFB	22	Brush	145	24	352-4700	-
972M	GGN	0	Brushless	80	24	177-9953	10R-9790
972M	GGN	22	Brushless	150	24	272-1889	20R-0053
972M	GGN	22	Brush	145	24	352-4700	-
972M XE	EDW	0	Brushless	80	24	177-9953	10R-9790
972M XE	EDW	22	Brushless	150	24	272-1889	20R-0053
972M XE	EDW	22	Brush	145	24	352-4700	-
980C	2XD	22	Brush	70	24	107-7977	0R-8279
980C	2XD	22	Brushless	80	24	235-7133	-
980C	2XD	22	Brushless	75	24	3E-7577	0R-3615
980C	2XD	22	Brushless	35	24	6N-9294	0R-5217
980F	3HK	22	Brush	70	24	107-7977	0R-8279
980F	3HK	22	Brushless	80	24	235-7133	-
980F	3HK	22	Brushless	35	24	6N-9294	0R-5217
980F	4RN	22	Brushless	75	24	3E-7577	0R-3615
980G	2KR	0	Brushless	50	24	112-5041	0R-5206
980G	2KR	0	Brushless	80	24	177-9953	10R-9790
980G	2KR	0	Brushless	95	24	197-8820	10R-9789
980G	2KR	22	Brushless	35	24	6N-9294	0R-5217
980H	JMS	0	Brushless	80	24	177-9953	10R-9790
980H	JMS	0	Brushless	65	24	185-5294	10R-9788
980H	PF8	0	Brushless	95	24	197-8820	10R-9789
980H	PF8	22	Brush	115	24	366-2756	-
980H II	MKP	0	Brushless	80	24	177-9953	10R-9790
980H II	MKP	0	Brushless	65	24	185-5294	10R-9788
980H II	MKP	0	Brushless	95	24	197-8820	10R-9789
980H OEM	P8B	0	Brushless	80	24	177-9953	10R-9790
980H OEM	P8B	0	Brushless	95	24	197-8820	10R-9789
980K	W7K	22	Brushless	95	24	226-7683	-
980K	W7K	22	Brushless	150	24	272-1889	20R-0053
980K OEM	NEP	22	Brushless	95	24	226-7683	-
980K OEM	NEP	22	Brushless	150	24	272-1889	20R-0053
980L	D8Z	0	Brushless	80	24	177-9953	10R-9790
980L	D8Z	22	Brush	115	24	344-5081	-
980L	D8Z	22	Brush	145	24	352-4700	-
980M	MGD	0	Brushless	80	24	177-9953	10R-9790
980M	MGD	22	Brush	145	24	352-4700	-
980M	N8T	22	Brushless	150	24	272-1889	20R-0053
982M	K1Y	0	Brushless	80	24	177-9953	10R-9790
982M	K1Y	22	Brushless	150	24	272-1889	20R-0053
982M	LRS	22	Brush	145	24	352-4700	-
IT62H	M5G	0	Brushless	80	24	177-9953	10R-9790
IT62H	M5G	22	Brushless	75	24	3E-7577	0R-3615
LH85	TLA	0	Brush	130	12	117-1379	0R-9480

# Cat Alternators

## Medium Wheel Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
LH85	TLA	22	Brush	70	24	107-7977	0R-8279
LH85	TLA	0	Brushless	65	24	185-5294	10R-9788
LH90	TLB	0	Brush	130	12	117-1379	0R-9480
LH90	TLB	22	Brush	70	24	107-7977	0R-8279
LH90	TLB	0	Brushless	65	24	185-5294	10R-9788

## Motor Grader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
112E	24H	0	Brushless	50	24	169-3345	10R-9791
112E	24H	22	Brushless	35	24	6N-9294	0R-5217
120 AWD	E95	22	Brush	115	24	344-5081	-
120 AWD	Y9B	22	Brushless	150	24	272-1889	20R-0053
120 AWD	Y9B	22	Brush	145	24	352-4700	-
120G	4HD	0	Brushless	50	24	112-5041	0R-5206
120G	4HD	0	Brushless	50	24	169-3345	10R-9791
120G	4HD	22	0	15	24	2P-1204	0R-5217
120G	4HD	22	Brushless	75	24	3E-7577	0R-3615
120G	4HD	22	Brushless	35	24	6N-9294	0R-5217
120H	2AN	0	Brushless	95	24	197-8820	10R-9789
120H	2AN	22	Brushless	105	24	316-7251	-
120H	CAF	0	Brushless	80	24	177-9953	10R-9790
120H	CAF	0	Brushless	75	24	200-2232	0R-9940
120H	CAF	0	Brushless	75	24	200-8281	0R-9938
120H	CAF	22	Brushless	75	24	3E-7577	0R-3615
120K	JAP	0	Brushless	50	24	169-3345	10R-9791
120K	JAP	0	Brushless	80	24	177-9953	10R-9790
120K	JAP	0	Brushless	95	24	197-8820	10R-9789
120K	JAP	22	Brush	115	24	366-2756	-
120K	JAP	22	Brushless	35	24	6N-9294	0R-5217
120K 2 OEM	SZZ	0	Brushless	95	24	197-8820	10R-9789
120K 2 OEM	SZZ	22	Brush	115	24	366-2756	-
120K 3	E9H	22	Brush	115	24	344-5081	-
120K Series 2	SZS	0	Brushless	95	24	197-8820	10R-9789
120K Series 2	SZS	22	Brush	115	24	366-2756	-
120M	B9C	22	Brushless	95	24	226-7683	-
120M	B9C	22	Brushless	150	24	272-1889	20R-0053
120M	R9C	0	Brushless	80	24	177-9953	10R-9790
120M	R9C	0	Brushless	95	24	197-8820	10R-9789
120M	R9C	0	Brushless	75	24	200-8281	0R-9938
120M	R9C	22	Brushless	80	24	235-7133	-
120M	R9C	22	Brushless	150	24	249-0313	10R-9097
120M 2	M9C	22	Brushless	150	24	272-1889	20R-0053
120M 2	M9C	22	Brushless	270	24	322-9743	-
120M 2 OEM	M92	22	Brushless	150	24	272-1889	20R-0053
12G	3WC	0	Brushless	50	24	112-5041	0R-5206
12G	3WC	0	Brushless	50	24	169-3345	10R-9791
12G	3WC	22	0	15	24	2P-1204	0R-5217
12G	3WC	22	Brushless	75	24	3E-7577	0R-3615
12G	3WC	22	Brushless	35	24	6N-9294	0R-5217
12H	2GS	0	Brushless	50	24	112-5041	0R-5206
12H	2GS	0	Brushless	80	24	177-9953	10R-9790
12H	2GS	0	Brushless	95	24	197-8820	10R-9789

## Motor Grader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
12H	2GS	0	Brushless	75	24	200-8281	0R-9938
12H	2GS	22	Brushless	105	24	316-7251	-
12H	4ER	22	Brushless	35	24	6N-9294	0R-5217
12H	CBK	0	Brushless	50	24	169-3345	10R-9791
12H	CBK	0	Brushless	75	24	200-2232	0R-9940
12H	CBK	22	Brushless	75	24	3E-7577	0R-3615
12K	JJA	0	Brushless	50	24	169-3345	10R-9791
12K	JJA	0	Brushless	80	24	177-9953	10R-9790
12K	JJA	0	Brushless	95	24	197-8820	10R-9789
12K	JJA	22	Brush	115	24	366-2756	-
12K	JJA	22	Brushless	35	24	6N-9294	0R-5217
12M	B92	0	Brushless	80	24	177-9953	10R-9790
12M	B92	0	Brushless	95	24	197-8820	10R-9789
12M	B92	22	Brushless	150	24	249-0313	10R-9097
12M	B9R	22	Brushless	95	24	226-7683	-
12M	B9R	22	Brushless	80	24	235-7133	-
12M	B9R	22	Brushless	150	24	272-1889	20R-0053
12M 2	F9B	22	Brushless	150	24	272-1889	20R-0053
12M 2	F9B	22	Brushless	270	24	322-9743	-
12M 3	N9F	22	Brushless	150	24	272-1889	20R-0053
12M 3	N9F	22	Brushless	270	24	322-9743	-
130G	74V	0	Brushless	50	24	112-5041	0R-5206
130G	74V	0	Brushless	50	24	169-3345	10R-9791
130G	74V	22	Brushless	60	24	266-7227	10R-8877
130G	74V	22	Brushless	105	24	331-5717	-
130G	74V	22	Brushless	60	24	333-1184	10R-8877
130G	74V	22	0	15	24	2P-1204	0R-5217
130G	74V	22	Brushless	75	24	3E-7577	0R-3615
130G	74V	22	Brushless	35	24	6N-9294	0R-5217
135H	3YK	0	Brushless	95	24	197-8820	10R-9789
135H	3YK	22	Brushless	105	24	316-7251	-
135H	AMX	0	Brushless	50	24	169-3345	10R-9791
135H	AMX	0	Brushless	80	24	177-9953	10R-9790
135H	AMX	0	Brushless	75	24	200-2232	0R-9940
135H	AMX	0	Brushless	75	24	200-8281	0R-9938
135H	AMX	22	Brushless	75	24	3E-7577	0R-3615
140G	50H	0	Brushless	50	24	112-5041	0R-5206
140G	50H	0	Brushless	50	24	169-3345	10R-9791
140G	50H	0	Brushless	80	24	177-9953	10R-9790
140G	50H	22	0	15	24	2P-1204	0R-5217
140G	50H	22	Brushless	75	24	3E-7577	0R-3615
140G	50H	22	Brushless	35	24	6N-9294	0R-5217
140H	5HM	0	Brushless	80	24	177-9953	10R-9790
140H	8KM	0	Brushless	50	24	112-5041	0R-5206
140H	8KM	0	Brushless	50	24	169-3345	10R-9791
140H	9ZN	0	Brushless	95	24	197-8820	10R-9789
140H	9ZN	0	Brushless	75	24	200-8281	0R-9938
140H	9ZN	22	Brushless	105	24	316-7251	-
140H	9ZN	22	Brushless	75	24	3E-7577	0R-3615
140H	9ZN	22	Brushless	35	24	6N-9294	0R-5217
140H	CCA	22	Brushless	110	12	266-7224	0R-9939
140H	CCA	0	Brushless	75	24	200-2232	0R-9940
140H	CCA	22	Brushless	95	24	226-7683	-

# Cat Alternators

## Motor Grader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
140K	JPA	0	Brushless	50	24	169-3345	10R-9791
140K	JPA	0	Brushless	80	24	177-9953	10R-9790
140K	JPA	0	Brushless	95	24	197-8820	10R-9789
140K	JPA	22	Brush	115	24	366-2756	-
140K	JPA	22	Brushless	35	24	6N-9294	0R-5217
140K 2	SZW	0	Brushless	50	24	169-3345	10R-9791
140K 2	SZW	0	Brushless	80	24	177-9953	10R-9790
140K 2	SZW	0	Brushless	95	24	197-8820	10R-9789
140K 2	SZW	22	Brush	115	24	366-2756	-
140K 2	SZW	22	Brushless	35	24	6N-9294	0R-5217
140M	B9D	0	Brushless	95	24	197-8820	10R-9789
140M	B9D	0	Brushless	75	24	200-8281	0R-9938
140M	D9G	0	Brushless	80	24	177-9953	10R-9790
140M	D9G	22	Brushless	150	24	249-0313	10R-9097
140M 2	M9D	0	Brushless	80	24	177-9953	10R-9790
140M 2	M9D	0	Brushless	95	24	197-8820	10R-9789
140M 2	M9D	22	Brushless	150	24	249-0313	10R-9097
140M 2	M9D	22	Brushless	150	24	272-1889	20R-0053
140M 2	M9G	22	Brushless	270	24	322-9743	-
140M 3	N9D	22	Brushless	150	24	272-1889	20R-0053
140M 3	N9D	22	Brushless	270	24	322-9743	-
143H	1AL	0	Brushless	50	24	112-5041	0R-5206
143H	1AL	0	Brushless	50	24	169-3345	10R-9791
143H	1AL	0	Brushless	80	24	177-9953	10R-9790
143H	1AL	0	Brushless	95	24	197-8820	10R-9789
143H	1AL	0	Brushless	75	24	200-8281	0R-9938
143H	1AL	22	Brushless	105	24	316-7251	-
143H	1AL	22	Brushless	75	24	3E-7577	0R-3615
143H	1AL	22	Brushless	35	24	6N-9294	0R-5217
143H	APN	22	Brushless	110	12	266-7224	0R-9939
143H	APN	0	Brushless	75	24	200-2232	0R-9940
143H	APN	22	Brushless	95	24	226-7683	-
14G	96U	0	Brushless	50	24	112-5041	0R-5206
14G	96U	0	Brushless	50	24	169-3345	10R-9791
14G	96U	22	0	15	24	2P-1204	0R-5217
14G	96U	22	Brushless	75	24	3E-7577	0R-3615
14G	96U	22	Brushless	35	24	6N-9294	0R-5217
14H	7WJ	0	Brushless	50	24	112-5041	0R-5206
14H	7WJ	0	Brushless	50	24	169-3345	10R-9791
14H	7WJ	0	Brushless	80	24	177-9953	10R-9790
14H	7WJ	0	Brushless	95	24	197-8820	10R-9789
14H	7WJ	0	Brushless	75	24	200-8281	0R-9938
14H	7WJ	22	Brushless	105	24	316-7251	-
14H	7WJ	22	Brushless	75	24	3E-7577	0R-3615
14H	7WJ	22	Brushless	35	24	6N-9294	0R-5217
14H	ASE	22	Brushless	110	12	266-7224	0R-9939
14H	ASE	0	Brushless	75	24	200-2232	0R-9940
14H	ASE	22	Brushless	95	24	226-7683	-
14L	B94	0	Brushless	80	24	177-9953	10R-9790
14L	B94	0	Brushless	95	24	197-8820	10R-9789
14L	B94	0	Brushless	75	24	200-8281	0R-9938
14L	B94	22	Brushless	150	24	249-0313	10R-9097
14M	R9J	0	0	160	12	306-2173	20R-4037

## Motor Grader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
14M	R9J	0	Brushless	80	24	177-9953	10R-9790
14M	R9J	22	Brushless	95	24	226-7683	-
14M	R9J	22	Brushless	80	24	235-7133	-
14M	R9J	22	Brushless	150	24	272-1889	20R-0053
14M 3	E9S	22	Brushless	150	24	272-1889	20R-0053
14M 3	E9S	22	Brushless	270	24	322-9743	-
160H	2HS	0	Brushless	50	24	112-5041	0R-5206
160H	2HS	0	Brushless	80	24	177-9953	10R-9790
160H	2HS	22	Brushless	105	24	316-7251	-
160H	2HS	22	Brushless	75	24	3E-7577	0R-3615
160H	2HS	22	Brushless	35	24	6N-9294	0R-5217
160H	9EJ	0	Brushless	95	24	197-8820	10R-9789
160H	9EJ	0	Brushless	75	24	200-8281	0R-9938
160H	ASD	22	Brushless	110	12	266-7224	0R-9939
160H	ASD	0	Brushless	75	24	200-2232	0R-9940
160H	ASD	22	Brushless	95	24	226-7683	-
160H	XZK	0	Brushless	50	24	169-3345	10R-9791
160K	JBP	0	Brushless	50	24	169-3345	10R-9791
160K	JBP	0	Brushless	80	24	177-9953	10R-9790
160K	JBP	0	Brushless	95	24	197-8820	10R-9789
160K	JBP	22	Brush	115	24	366-2756	-
160K	JBP	22	Brushless	35	24	6N-9294	0R-5217
160M	D9T	0	Brushless	80	24	177-9953	10R-9790
160M	D9T	0	Brushless	95	24	197-8820	10R-9789
160M	D9T	0	Brushless	75	24	200-8281	0R-9938
160M	D9T	22	Brushless	150	24	249-0313	10R-9097
160M 2	R9L	22	Brushless	95	24	226-7683	-
160M 2	R9L	22	Brushless	150	24	272-1889	20R-0053
160M 2	R9T	22	Brushless	270	24	322-9743	-
160M 3	N9T	22	Brushless	150	24	272-1889	20R-0053
160M 3	N9T	22	Brushless	270	24	322-9743	-
163H	5AK	0	Brushless	50	24	112-5041	0R-5206
163H	5AK	0	Brushless	50	24	169-3345	10R-9791
163H	5AK	0	Brushless	80	24	177-9953	10R-9790
163H	5AK	0	Brushless	95	24	197-8820	10R-9789
163H	5AK	0	Brushless	75	24	200-8281	0R-9938
163H	5AK	22	Brushless	105	24	316-7251	-
163H	5AK	22	Brushless	75	24	3E-7577	0R-3615
163H	5AK	22	Brushless	35	24	6N-9294	0R-5217
163H	ARL	22	Brushless	110	12	266-7224	0R-9939
163H	ARL	0	Brushless	75	24	200-2232	0R-9940
163H	ARL	22	Brushless	95	24	226-7683	-
16G	93U	0	Brushless	50	24	112-5041	0R-5206
16G	93U	0	Brushless	50	24	169-3345	10R-9791
16G	93U	22	Brushless	75	24	3E-7577	0R3615
16G	93U	22	Brushless	35	24	6N-9294	0R-5217
16H	6ZJ	0	Brushless	50	24	112-5041	0R-5206
16H	6ZJ	0	Brushless	50	24	169-3345	10R-9791
16H	6ZJ	0	Brushless	80	24	177-9953	10R-9790
16H	6ZJ	0	Brushless	95	24	197-8820	10R-9789
16H	6ZJ	0	Brushless	75	24	200-8281	0R-9938
16H	6ZJ	22	Brushless	105	24	316-7251	-
16H	6ZJ	22	Brushless	75	24	3E-7577	0R-3615

# Cat Alternators

## Motor Grader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
16H	6ZJ	22	Brushless	35	24	6N-9294	0R-5217
16H	ATS	22	Brushless	110	12	266-7224	0R-9939
16H	ATS	0	Brushless	75	24	200-2232	0R-9940
16H	ATS	22	Brushless	95	24	226-7683	-
16M	B9H	0	0	160	12	306-2173	20R-4037
16M	B9H	22	Brushless	95	24	226-7683	-
16M	B9H	22	Brushless	150	24	272-1889	20R-0053
16M 3	N9Y	22	Brushless	150	24	272-1889	20R-0053
16M 3	N9Y	22	Brushless	270	24	322-9743	-
18M 3	N9A	22	Brushless	150	24	272-1889	20R-0053
18M 3	N9A	22	Brushless	270	24	322-9743	-
24H	7KK	0	Brushless	95	24	197-8820	10R-9789
24H	7KK	22	Brushless	150	24	249-0313	10R-9097
24H	7KK	22	Brushless	105	24	316-7251	-
24M	B9K	0	Brushless	95	24	197-8820	10R-9789
24M	B9K	22	Brushless	150	24	249-0313	10R-9097
24M	B9K	22	Brushless	150	24	437-0124	-
24N	N9Z	22	Brushless	150	24	272-1889	20R-0053

## Paving Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
30/30	9XW	0	Brushless	95	24	197-8820	10R-9789
30/30	9XW	22	Brushless	105	24	316-7251	-
AP-1000	1HD	0	Brush	115	12	121-4134	0R-3527
AP-1000	1HD	0	Brush	130	12	121-4135	0R-9480
AP-1000B	AGP	17	Brush	52	12	9W-3043	0R-3652
AP-1000D	EAD	0	Brushless	95	24	197-8820	10R-9789
AP-1000D	EAD	22	Brushless	105	24	316-7251	-
AP1000E	T1F	22	0	105	24	321-8940	-
AP1000F	AC4	22	Brush	115	24	344-5081	-
AP-1050B	6ZN	17	Brush	52	12	9W-3043	0R-3652
AP-1055D	FAC	0	Brushless	95	24	197-8820	10R-9789
AP-1055D	FAC	22	Brushless	105	24	316-7251	-
AP1055E	TJF	22	0	105	24	321-8940	-
AP1055F	RLM	22	Brush	115	24	344-5081	-
AP600F	LR6	22	Brush	115	24	344-5081	-
AP-650B	9DN	17	Brush	52	12	9W-3043	0R-3652
AP-650B	9DN	0	0	55	24	109-2362	-
AP-655C	CDG	0	Brushless	80	24	177-9953	10R-9790
AP-655C	CDG	0	Brushless	75	24	200-8281	0R-9938
AP655F	ML6	22	Brush	115	24	344-5081	-
AP-755	B2T	0	Brush	130	12	117-1379	0R-9480
AP-755	B2T	22	Brush	70	24	107-7977	0R-8279
AP-755	B3T	0	Brushless	80	24	177-9953	10R-9790
AP-755	B3T	0	Brushless	95	24	197-8820	10R-9789
AP-755	B3T	22	Brushless	105	24	316-7251	10R-8755
AP-800C	1PM	17	Brush	52	12	9W-3043	0R-3652
AP-900B	AGJ	17	Brush	52	12	9W-3043	0R-3652
BB-781	B2F	0	Brush	130	12	117-1379	0R-9480
BB-781	B2F	22	Brush	70	24	107-7977	0R-8279
BG1000E	RTT	22	0	105	24	321-8940	-
BG-210B/C	9XJ	0	Brush	115	12	121-4134	0R-3527

## Paving Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
BG-2255C	CKR	0	Brushless	80	24	177-9953	10R-9790
BG-2255C	CKR	0	Brushless	75	24	200-8281	0R-9938
BG-225C	5GN	17	Brush	52	12	9W-3043	0R-3652
BG-225C	5GN	0	0	55	24	109-2362	-
BG-230	9AL	17	Brush	52	12	9W-3043	0R-3652
BG-240C	AGL	17	Brush	52	12	9W-3043	0R-3652
BG-2455C	B2G	17	Brush	52	12	9W-3043	0R-3652
BG-2455D	BNW	0	Brushless	95	24	197-8820	10R-9789
BG-2455D	BNW	22	Brushless	105	24	316-7251	10R-8755
BG-245C/C	4XN	17	Brush	52	12	9W-3043	0R-3652
BG-260C/C	8GN	17	Brush	52	12	9W-3043	0R-3652
BG-260D	BPW	0	Brushless	95	24	197-8820	10R-9789
BG-260D	BPW	22	Brushless	105	24	316-7251	-
BG-650/C	9EK	0	Brush	115	12	121-4134	0R3527
BG-730/C	1XL	0	Brush	115	12	121-4134	0R3527
BG-730/C	1XL	0	Brush	130	12	121-4135	0R-9480
CB-434B	6AL	17	Brush	52	12	9W-3043	0R-3652
CB-434C	4DN	17	Brush	52	12	9W-3043	0R-3652
CB-434D	CNH	0	Brush	90	12	105-2813	0R-9274
CB-444D	C6B	0	Brush	90	12	105-2813	0R-9274
CB-534	2EG	0	Brushless	50	24	169-3345	10R-9791
CB-534	2EG	22	Brushless	35	24	6N-9294	0R-5217
CB-534B	5RN	17	Brush	52	12	9W-3043	0R-3652
CB-534C	1WS	17	Brush	52	12	9W-3043	0R-3652
CB-534D	C8M	0	Brush	90	12	105-2813	0R-9274
CB-534D XW	FEA	0	Brush	90	12	105-2813	0R-9274
CB-535B	3AR	17	Brush	52	12	9W-3043	0R-3652
CB-544	8FM	17	Brush	52	12	9W-3043	0R-3652
CB-544D	C3B	0	Brush	90	12	105-2813	0R9274
CB-545	2FS	17	Brush	52	12	9W-3043	0R-3652
CB-564D	D4M	0	Brush	90	12	105-2813	0R-9274
CB-634	5CL	17	Brush	52	12	9W-3043	0R-3652
CB-634C	3BR	17	Brush	52	12	9W-3043	0R-3652
CB-634D	CDF	0	Brush	90	12	105-2813	0R-9274
CD54	J5R	0	Brush	90	12	105-2813	0R-9274
CP-433C	1ZN	17	Brush	52	12	9W-3043	0R-3652
CP-433E	CFK	17	Brush	52	12	9W-3043	0R-3652
CP44	M4P	17	Brush	85	24	328-2885	-
CP-533	5AL	17	Brush	52	12	9W-3043	0R-3652
CP-533C	3XN	17	Brush	52	12	9W-3043	0R-3652
CP-533D	AFC	17	Brush	52	12	9W-3043	0R-3652
CP-563	5AJ	16	Brush	51	12	6T-1396	0R-3654
CP-563	5AJ	17	Brush	52	12	9W-3043	0R-3652
CP-563C	5JN	17	Brush	52	12	9W-3043	0R-3652
CP-563D	5LZ	17	Brush	52	12	9W-3043	0R-3652
CP-563E	CNT	17	Brush	52	12	9W-3043	0R-3652
CP-573E	ASZ	17	Brush	52	12	9W-3043	0R-3652
CP-663E	AFL	17	Brush	52	12	9W-3043	0R-3652
CS-423E	DCL	17	Brush	52	12	9W-3043	0R-3652
CS-431C	9XL	17	Brush	52	12	9W-3043	0R-3652
CS-433C	5BZ	17	Brush	52	12	9W-3043	0R-3652
CS-433E	CFP	17	Brush	52	12	9W-3043	0R-3652
CS44	M4C	17	Brush	85	24	328-2885	-



# Cat Alternators

## Paving Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
CS-531	4KM	17	Brush	52	12	9W-3043	OR-3652
CS-531C	5ZN	0	Brush	130	12	117-1379	OR-9480
CS-531C	5ZN	17	Brush	52	12	9W-3043	OR-3652
CS-531C	5ZN	22	Brush	70	24	107-7977	OR-8279
CS-531D	4MZ	17	Brush	52	12	9W-3043	OR-3652
CS-533	4HL	17	Brush	52	12	9W-3043	OR-3652
CS-533C	2XN	17	Brush	52	12	9W3043	OR-3652
CS-533D	AET	17	Brush	52	12	9W-3043	OR-3652
CS-563	7GG	16	Brush	51	12	6T-1396	OR-3654
CS-563	7GG	17	Brush	52	12	9W-3043	OR-3652
CS-563C	4LN	17	Brush	52	12	9W-3043	OR-3652
CS-563D	2RZ	17	Brush	52	12	9W-3043	OR-3652
CS-563E	ASA	17	Brush	52	12	9W-3043	OR-3652
CS-563E OEM	PAH	17	Brush	52	12	9W-3043	OR-3652
CS-573	8PK	17	Brush	52	12	9W-3043	OR-3652
CS-573C	6LN	17	Brush	52	12	9W3043	OR-3652
CS-573D	CMK	17	Brush	52	12	9W-3043	OR-3652
CS-573E	CNN	17	Brush	52	12	9W-3043	OR-3652
CS-583	8YJ	16	Brush	51	12	6T-1396	OR-3654
CS-583	8YJ	17	Brush	52	12	9W-3043	OR-3652
CS-583C	7MN	17	Brush	52	12	9W-3043	OR-3652
CS-583D	2CZ	17	Brush	52	12	9W-3043	OR-3652
CS-583E	CNX	17	Brush	52	12	9W-3043	OR3652
CS-663E	DAG	17	Brush	52	12	9W-3043	OR-3652
CS-683E	AGR	17	Brush	52	12	9W-3043	OR-3652
DEUCE	7RR	0	Brushless	95	24	197-8820	10R-9789
DEUCE	7RR	0	0	150	24	306-2174	10R-7946
DEUCE	7RR	22	Brushless	105	24	316-7251	-
PF-300B	6HM	17	Brush	52	12	9W-3043	OR-3652
PM-102	Z2X	0	Brushless	80	24	177-9953	10R-9790
PM102	Z1X	0	Brush	130	12	117-1379	OR-9480
PM102	Z1X	22	Brush	70	24	107-7977	OR-8279
PM-200	P1C	0	Brushless	95	24	197-8820	10R-9789
PM-200	P1C	22	Brushless	95	24	226-7683	-
PM-200	P1C	22	Brushless	105	24	316-7251	-
PM-200	P1C	22	Brushless	105	24	331-5717	-
PM-201	PNM	0	Brushless	95	24	197-8820	10R-9789
PM-201	PNM	22	Brushless	95	24	226-7683	-
PM-201	PNM	22	Brushless	105	24	316-7251	10R-8755
PM-201	PNM	22	Brushless	105	24	331-5717	20R-0541
PM310 HRC	NMA	22	Brush	115	24	344-5081	-
PM310 LRC	KWA	22	Brush	115	24	344-5081	-
PM312 HRC	NJ9	22	Brush	115	24	344-5081	-
PM313 HRC	JH9	22	Brush	115	24	344-5081	-
PM-465	5ZS	0	Brushless	95	24	197-8820	10R-9789
PM-465	5ZS	22	Brushless	105	24	316-7251	-
PM-565	3TK	0	Brushless	95	24	197-8820	10R9789
PM-565	3TK	22	Brushless	105	24	316-7251	-
PM-565	3TK	22	Brushless	75	24	3E-7577	OR-3615
PM-565B	8GS	0	Brushless	95	24	197-8820	10R-9789
PM-565B	8GS	22	Brushless	105	24	316-7251	-
PM620 HRC	JB9	22	Brushless	150	24	272-1889	20R-0053
PM620 LRC	LH9	22	Brushless	150	24	272-1889	20R-0053

## Paving Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
PM622 HRC	JFC	22	Brushless	150	24	272-1889	20R-0053
PM622 LRC	JCF	22	Brushless	150	24	272-1889	20R-0053
PM820	TLZ	22	Brushless	150	24	272-1889	20R-0053
PM822 HRC	SL8	22	Brushless	150	24	272-1889	20R-0053
PR-1000	5XC	22	Brushless	60	24	266-7227	10R-8877
PR-1000	5XC	22	Brushless	105	24	331-5717	-
PR-1000	5XC	22	Brushless	60	24	333-1184	10R-8877
PR-450C	7PJ	0	Brushless	80	24	177-9953	10R-9790
PR-450C	7PJ	0	Brushless	75	24	200-8281	0R-9938
PR-450C	7PJ	22	Brushless	60	24	266-7227	10R-8877
PR-450C	7PJ	22	Brushless	105	24	331-5717	-
PR-450C	7PJ	22	Brushless	60	24	333-1184	10R-8877
PR-750C	7CK	22	Brushless	60	24	333-1184	10R-8877
PS-300B	4PN	17	Brush	52	12	9W-3043	0R-3652
PS-500	7XD	17	Brush	52	12	9W-3043	0R-3652
RM-250C	AWG	0	Brushless	50	24	112-5041	0R-5206
RM-250C	AWG	0	Brushless	50	24	169-3345	10R-9791
RM-250C	AWG	22	Brushless	35	24	6N-9294	0R-5217
RM-300	BWR	0	Brushless	75	24	200-2232	0R-9940
RM-300	BWR	22	Brushless	95	24	226-7683	-
RM-350	5FK	0	Brushless	50	24	112-5041	0R5206
RM-350	5FK	0	Brushless	50	24	169-3345	10R-9791
RM-350	5FK	22	Brushless	35	24	6N-9294	0R-5217
RM-350B	AXW	0	Brushless	50	24	112-5041	0R-5206
RM-350B	AXW	0	Brushless	50	24	169-3345	10R-9791
RM-350B	AXW	0	Brushless	80	24	177-9953	10R-9790
RM-350B	AXW	22	Brushless	35	24	6N-9294	0R-5217
RM-500	ASW	0	Brushless	95	24	197-8820	10R-9789
RM-500	ASW	22	Brushless	95	24	226-7683	-
RM-500	ASW	22	Brushless	105	24	316-7251	-
RM-500	ASW	22	Brushless	105	24	331-5717	-
RM500B	MB9	22	Brushless	150	24	272-1889	20R-0053
RR-250	6ED	0	Brushless	50	24	112-5041	0R-5206
RR-250	6ED	0	Brushless	50	24	169-3345	10R-9791
RR-250	6ED	22	Brushless	35	24	6N-9294	0R-5217
RR-250B	3RR	0	Brushless	50	24	112-5041	0R-5206
RR-250B	3RR	0	Brushless	50	24	169-3345	10R-9791
RR-250B	3RR	22	Brushless	35	24	6N-9294	0R-5217
SM-350	1RM	0	Brushless	50	24	112-5041	0R-5206
SM-350	1RM	0	Brushless	50	24	169-3345	10R-9791
SM-350	1RM	22	Brushless	35	24	6N-9294	0R-5217
SS-250	6DD	0	Brushless	50	24	112-5041	0R-5206
SS-250	6DD	0	Brushless	50	24	169-3345	10R-9791
SS-250	6DD	22	Brushless	35	24	6N-9294	0R-5217
SS-250B	5GR	0	Brushless	50	24	112-5041	0R-5206
SS-250B	5GR	0	Brushless	50	24	169-3345	10R-9791
SS-250B	5GR	22	Brushless	35	24	6N-9294	0R-5217

## Pipelayer Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
561N	TAD	0	Brush	130	12	117-1379	0R-9480
561N	TAD	22	Brush	70	24	107-7977	0R-8279

# Cat Alternators

## Pipelayer Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
561N	TAD	0	Brushless	65	24	185-5294	10R-9788
572G	8PC	0	Brushless	50	24	112-5041	0R-5206
572G	8PC	22	0	15	24	2P-1204	0R-5217
572G	8PC	22	Brushless	35	24	6N-9294	0R-5217
572R	AAC	0	Brush	130	12	117-1379	0R-9480
572R	AAC	22	Brush	70	24	107-7977	0R-8279
572R	AAC	0	Brushless	65	24	165-8857	10R-9788
572R	AAC	0	Brushless	65	24	185-5294	10R-9788
572R II	DSC	0	Brushless	80	24	177-9953	10R-9790
572R II	DSC	0	Brushless	65	24	185-5294	10R-9788
572R II	DSC	0	Brushless	95	24	197-8820	10R-9789
572R II	DSC	0	Brushless	75	24	200-8281	0R-9938
572R II	DSC	22	Brushless	105	24	316-7251	10R-8755
572R II	DSC	22	Brushless	105	24	331-5717	20R-0541
572R II	DSC	22	Brushless	75	24	3E-7577	0R-3615
578	8HB	0	Brushless	50	24	112-5041	0R-5206
578	8HB	0	Brushless	50	24	169-3345	10R-9791
578	8HB	22	Brushless	35	24	6N-9294	0R-5217
583R	2XS	0	Brushless	50	24	112-5041	0R-5206
583R	2XS	0	Brushless	50	24	169-3345	10R-9791
583R	2XS	22	Brushless	35	24	6N-9294	0R-5217
583T	CMX	0	Brushless	95	24	197-8820	10R-9789
583T	CMX	22	Brushless	150	24	249-0313	10R-9097
583T	CMX	0	0	150	24	306-2174	10R-7946
583T	CMX	22	Brushless	105	24	316-7251	10R-8755
587R	BXL	0	Brushless	50	24	112-5041	0R-5206
587R	BXL	0	Brushless	50	24	169-3345	10R-9791
587R	BXL	0	Brushless	95	24	197-8820	10R-9789
587R	BXL	22	Brushless	35	24	6N-9294	0R-5217
587T	FAT	0	Brushless	95	24	197-8820	10R-9789
587T	FAT	22	Brushless	150	24	249-0313	10R-9097
587T	FAT	0	0	150	24	306-2174	10R-7946
587T	FAT	22	Brushless	105	24	316-7251	10R-8755
589	31Z	0	Brushless	50	24	112-5041	0R-5206
589	31Z	0	Brushless	50	24	169-3345	10R-9791
589	31Z	0	Brushless	95	24	197-8820	10R-9789
589	31Z	22	Brushless	35	24	6N-9294	0R-5217
PL61	6P2	22	Brush	115	24	344-5081	-
PL61	WGS	22	Brushless	95	24	226-7683	-
PL72	P72	22	Brushless	95	24	226-7683	-
PL72	P72	22	Brushless	150	24	272-1889	20R-0053
PL72	P73	0	Brushless	95	24	197-8820	10R-9789
PL72	P73	22	Brushless	150	24	249-0313	10R-9097
PL72	P73	22	Brushless	105	24	316-7251	10R-8755
PL83	CB2	22	Brushless	150	24	272-1889	20R-0053
PL83	DLW	0	Brushless	95	24	197-8820	10R-9789
PL83	DLW	22	Brushless	150	24	249-0313	10R-9097
PL83	DLW	22	Brushless	105	24	316-7251	-
PL87	KKJ	22	Brushless	105	24	316-7251	10R-8755
PL87	TEC	22	Brushless	150	24	272-1889	20R-0053
PL87	ZAC	0	Brushless	95	24	197-8820	10R-9789
PL87	ZAC	22	Brushless	150	24	249-0313	10R-9097

## Quarry Truck Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
769C	01X	0	Brushless	50	24	112-5041	0R-5206
769C	01X	0	Brushless	50	24	169-3345	10R-9791
769C	01X	0	Brushless	95	24	197-8820	10R-9789
769C	01X	22	Brushless	105	24	316-7251	-
769C	01X	22	Brushless	35	24	6N-9294	0R-5217
769D	5SS	0	Brushless	50	24	169-3345	10R-9791
769D	5TR	0	Brushless	95	24	197-8820	10R-9789
769D	5TR	22	Brushless	105	24	316-7251	-
769D	BBB	0	Brushless	50	24	112-5041	0R-5206
769D	BBB	22	Brushless	35	24	6N-9294	0R-5217
770	BZZ	0	Brushless	80	24	177-9953	10R-9790
770	BZZ	0	Brushless	95	24	197-8820	10R-9789
770G	ECM	0	Brushless	95	24	197-8820	10R-9789
770G	ECM	22	Brushless	95	24	226-7683	-
770G	ECM	22	Brush	115	24	344-5081	-
770G OEM	RMA	22	Brushless	95	24	226-7683	-
770G OEM	TWA	22	Brush	115	24	344-5081	-
771C	3BJ	0	Brushless	50	24	112-5041	0R-5206
771C	3BJ	0	Brushless	50	24	169-3345	10R-9791
771C	3BJ	0	Brushless	95	24	197-8820	10R-9789
771C	3BJ	22	Brushless	105	24	316-7251	-
771C	3BJ	22	Brushless	35	24	6N-9294	0R-5217
771D	6JR	0	Brushless	95	24	197-8820	10R-9789
771D	6JR	22	Brushless	105	24	316-7251	-
771D	6YS	0	Brushless	50	24	112-5041	0R-5206
771D	6YS	0	Brushless	50	24	169-3345	10R-9791
771D	6YS	22	Brushless	35	24	6N-9294	0R-5217
772	RLB	0	Brushless	50	24	169-3345	10R-9791
772	RLB	0	Brushless	80	24	177-9953	10R-9790
772	RLB	0	Brushless	95	24	197-8820	10R-9789
772	RLB	22	Brushless	95	24	226-7683	-
772	RLB	22	Brushless	80	24	235-7133	-
772B	64W	0	Brushless	50	24	112-5041	0R-5206
772B	64W	0	Brushless	50	24	169-3345	10R-9791
772B	64W	22	Brushless	35	24	6N-9294	0R-5217
772G	LTX	0	Brushless	95	24	197-8820	10R-9789
772G	LTX	22	Brushless	95	24	226-7683	-
772G	LTX	22	Brush	115	24	344-5081	-
772G OEM	RME	22	Brush	115	24	344-5081	-
773	63G	0	Brushless	50	24	112-5041	0R-5206
773	63G	0	Brushless	50	24	169-3345	10R-9791
773	63G	22	Brushless	35	24	6N-9294	0R-5217
773B	63W	0	Brushless	50	24	112-5041	0R-5206
773B	63W	0	Brushless	50	24	169-3345	10R-9791
773B	63W	22	Brushless	35	24	6N-9294	0R-5217
773D	7CS	0	Brushless	50	24	112-5041	0R-5206
773D	7CS	22	Brushless	35	24	6N-9294	0R-5217
773D	NBJ	0	Brushless	50	24	169-3345	10R-9791
773E	KEG	0	Brushless	50	24	112-5041	0R-5206
773E	KEG	0	Brushless	50	24	169-3345	10R-9791
773E	KEG	22	Brushless	35	24	6N-9294	0R-5217
773E	PRB	22	Brush	115	24	366-2756	-
773F	EED	0	Brushless	50	24	169-3345	10R-9791

# Cat Alternators

## Quarry Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
773F	EED	0	Brushless	80	24	177-9953	10R-9790
773F	EED	22	Brushless	95	24	226-7683	--
773F	EED	22	Brushless	80	24	235-7133	--
773F OEM	EXD	0	Brushless	50	24	169-3345	10R-9791
773F OEM	EXD	22	Brushless	95	24	226-7683	--
773F OEM	EXD	22	Brushless	80	24	235-7133	--
773G OEM	T5S	22	Brushless	95	24	226-7683	--
773G OEM	T5S	22	Brushless	150	24	272-1889	20R-0053
773G OEM	T5S	22	Brush	115	24	344-5081	--
775B	7XJ	0	Brushless	50	24	112-5041	0R-5206
775B	7XJ	0	Brushless	50	24	169-3345	10R-9791
775B	7XJ	22	Brushless	35	24	6N-9294	0R-5217
775D	8AS	0	Brushless	50	24	112-5041	0R-5206
775D	8AS	0	Brushless	50	24	169-3345	10R-9791
775D	8AS	22	Brushless	35	24	6N-9294	0R-5217
775E	BEC	0	Brushless	50	24	112-5041	0R-5206
775E	BEC	0	Brushless	50	24	169-3345	10R-9791
775E	BEC	22	Brushless	35	24	6N-9294	0R-5217
775E OEM	DTE	0	Brushless	50	24	112-5041	0R-5206
775E OEM	DTE	0	Brushless	50	24	169-3345	10R-9791
775E OEM	DTE	22	Brushless	95	24	226-7683	--
775E OEM	DTE	22	Brushless	80	24	235-7133	--
775E OEM	DTE	22	Brushless	35	24	6N-9294	0R-5217
775F	DLS	0	Brushless	50	24	169-3345	10R-9791
775F	DLS	22	Brushless	95	24	226-7683	--
775F	DLS	22	Brushless	80	24	235-7133	--
775F OEM	EYG	0	Brushless	50	24	169-3345	10R-9791
775F OEM	EYG	22	Brushless	95	24	226-7683	--
775F OEM	EYG	22	Brushless	80	24	235-7133	--
775G	MJS	22	Brushless	150	24	272-1889	20R-0053
775G	RFM	22	Brushless	95	24	226-7683	--
775G	RFM	22	Brush	115	24	344-5081	--
775G OEM	T5F	22	Brushless	95	24	226-7683	--
775G OEM	T5F	22	Brushless	150	24	272-1889	20R-0053
775G OEM	T5F	22	Brush	115	24	344-5081	--
776C	2TK	0	Brushless	50	24	112-5041	0R-5206
776C	2TK	0	Brushless	50	24	169-3345	10R-9791
776C	2TK	0	Brushless	95	24	197-8820	10R-9789
776C	2TK	22	Brushless	105	24	316-7251	--
776C	2TK	22	Brushless	35	24	6N-9294	0R-5217
776D	5ER	22	Brushless	105	24	316-7251	--
776D	AFS	0	Brushless	95	24	197-8820	10R-9789
777	84A	0	Brushless	50	24	112-5041	0R-5206
777	84A	0	Brushless	50	24	169-3345	10R-9791
777	84A	0	Brushless	95	24	197-8820	10R-9789
777	84A	22	Brushless	105	24	316-7251	--
777	84A	22	Brushless	35	24	6N-9294	0R-5217
777B	4YC	0	Brushless	50	24	112-5041	0R-5206
777B	4YC	0	Brushless	50	24	169-3345	10R-9791
777B	4YC	0	Brushless	95	24	197-8820	10R-9789
777B	4YC	22	Brushless	95	24	226-7683	--
777B	4YC	22	Brushless	105	24	316-7251	--
777B	4YC	22	Brushless	35	24	6N-9294	0R-5217

## Quarry Truck Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
777C	4XJ	0	Brushless	50	24	112-5041	0R-5206
777C	4XJ	0	Brushless	50	24	169-3345	10R-9791
777C	4XJ	0	Brushless	95	24	197-8820	10R-9789
777C	4XJ	22	Brushless	95	24	226-7683	-
777C	4XJ	22	Brushless	105	24	316-7251	-
777C	4XJ	22	Brushless	35	24	6N-9294	0R-5217
777D	3PR	0	Brushless	50	24	112-5041	0R-5206
777D	3PR	0	Brushless	50	24	169-3345	10R-9791
777D	3PR	0	Brushless	95	24	197-8820	10R-9789
777D	3PR	22	Brushless	35	24	6N-9294	0R-5217
777D	AGC	22	Brushless	105	24	316-7251	-
777D	FKR	22	Brushless	95	24	226-7683	-
777D	FKR	22	Brush	145	24	352-4700	-
777DHA	2YW	0	Brushless	95	24	197-8820	10R-9789
777DHA	2YW	22	Brushless	105	24	316-7251	-
777E	KDP	22	Brushless	95	24	226-7683	-
777E	KDP	22	Brushless	150	24	272-1889	20R-0053
777E	KDP	22	Brush	115	24	344-5081	-
777E	KDP	22	Brush	145	24	352-4700	-
777F	JRP	22	Brushless	95	24	226-7683	-
777F OEM	JXP	22	Brushless	95	24	226-7683	-
777G OEM	T4Y	22	Brushless	95	24	226-7683	-
777G OEM	T4Y	22	Brushless	150	24	272-1889	20R-0053
777G OEM	T4Y	22	Brush	115	24	344-5081	-

## Skid Steer Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
216	4NZ	0	0	55	12	144-9952	0R-9698
216	4NZ	0	0	55	12	144-9954	0R-9700
216	4NZ	0	Brush	110	12	203-5492	10R-9098
216B	RLL	0	0	55	12	144-9952	0R-9698
226	5FZ	0	0	55	12	144-9954	0R-9700
226	5FZ	0	Brush	110	12	203-5492	10R-9098
226B	MJH	0	Brush	110	12	203-5492	10R-9098
228	6BZ	0	0	55	12	144-9954	0R-9700
232	CAB	0	0	55	12	144-9952	10R-9098
232	CAB	0	0	55	12	144-9954	0R-9700
232B	SCH	0	0	55	12	144-9952	10R-9098
236	4YZ	0	0	55	12	144-9954	0R-9700
236	4YZ	0	Brush	110	12	203-5492	10R-9098
236B	HEN	0	Brush	110	12	203-5492	10R-9098
236B 3	A9H	0	Brush	110	12	203-5492	10R-9098
242	CMB	0	0	55	12	144-9954	0R-9700
242	CMB	0	Brush	110	12	203-5492	10R-9098
242B	BXM	0	Brush	110	12	203-5492	10R-9098
242B 3	SRS	0	Brush	110	12	203-5492	10R-9098
246	5SZ	0	0	55	12	144-9954	0R-9700
246	5SZ	0	Brush	110	12	203-5492	10R-9098
246B	PAT	0	Brush	110	12	203-5492	10R-9098
246C	JAY	0	Brush	110	12	203-5492	10R-9098
247	CML	0	0	55	12	144-9954	0R-9700
247	CML	0	Brush	110	12	203-5492	10R-9098

# Cat Alternators

## Skid Steer Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
247B	MTL	0	Brush	110	12	203-5492	10R-9098
248	6LZ	0	0	55	12	144-9954	0R-9700
248B	SCL	0	Brush	110	12	203-5492	10R-9098
252	FDG	0	0	55	12	144-9954	0R-9700
252	FDG	0	Brush	110	12	203-5492	10R-9098
252B	SCP	0	Brush	110	12	203-5492	10R-9098
252B 3	TNK	0	Brush	110	12	203-5492	10R-9098
256C	DWS	0	Brush	110	12	203-5492	10R-9098
257	CMM	0	0	55	12	144-9954	0R-9700
257	CMM	0	Brush	110	12	203-5492	10R-9098
257B	SLK	0	Brush	110	12	203-5492	10R-9098
257B 3	B7H	0	Brush	110	12	203-5492	10R-9098
259B 3	YYZ	0	Brush	110	12	203-5492	10R-9098
262	CED	0	0	55	12	144-9954	0R-9700
262	CED	0	Brush	110	12	203-5492	10R-9098
262B	PDT	0	Brush	110	12	203-5492	10R-9098
262C	MST	0	Brush	110	12	203-5492	10R-9098
262C 2	TMW	0	Brush	110	12	203-5492	10R-9098
267	CMP	0	0	55	12	144-9954	0R-9700
267	CMP	0	Brush	110	12	203-5492	10R-9098
267B	CYC	0	Brush	110	12	203-5492	10R-9098
268B	LBA	0	Brush	110	12	203-5492	10R-9098
272C	RED	0	Brush	110	12	203-5492	10R-9098
277	CNC	0	0	55	12	144-9954	0R-9700
277	CNC	0	Brush	110	12	203-5492	10R-9098
277B	MDH	0	Brush	110	12	203-5492	10R-9098
277C	JWF	0	Brush	110	12	203-5492	10R-9098
277C	KCC	0	Brushless	95	24	197-8820	10R-9789
277C 2	MET	0	Brush	110	12	203-5492	10R-9098
277C 2 OEM	A22	0	Brush	110	12	203-5492	10R-9098
277C OEM	L5Y	0	Brush	110	12	203-5492	10R-9098
279C	MBT	0	Brush	110	12	203-5492	10R-9098
279C 2	KWB	0	Brush	110	12	203-5492	10R-9098
287	CNY	0	0	55	12	144-9954	0R-9700
287	CNY	0	Brush	110	12	203-5492	10R-9098
287B	ZSA	0	Brush	110	12	203-5492	10R-9098
287B OEM	MSH	0	Brush	110	12	203-5492	10R-9098
287C	MAS	0	Brush	110	12	203-5492	10R-9098
287C 2	SSB	0	Brush	110	12	203-5492	10R-9098
289C	JMP	0	Brush	110	12	203-5492	10R-9098
289C 2	RTD	0	Brush	110	12	203-5492	10R-9098
297C	GCP	0	Brush	110	12	203-5492	10R-9098
297C OEM	LMB	0	Brush	110	12	203-5492	10R-9098
299C	JSP	0	Brush	110	12	203-5492	10R-9098

## Small Hydraulic Excavator Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
212B	3PJ	17	Brush	52	12	9W3043	0R3652
214B	4CF	17	Brush	52	12	9W3043	0R3652
214B-FT	9MF	17	Brush	52	12	9W3043	0R3652
224B	7WF	17	Brush	52	12	9W3043	0R3652
M318F	FB8	22	Brush	115	24	344-5081	



## Small Hydraulic Excavator Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
M318F OEM	MH9	22	Brush	115	24	344-5081	
M320F	F2W	22	Brush	115	24	344-5081	
M322F	FBW	22	Brush	115	24	344-5081	
MH3022	FM2	22	Brush	115	24	344-5081	

## Small Track-Type Tractor Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
D3G LGPJ	CXT	0	Brush	110	12	203-5492	10R-9098
D3G XL	JMH	0	Brush	110	12	203-5492	10R-9098
D4G LGP	TLX	0	Brush	110	12	203-5492	10R-9098
D5B	25X	0	Brushless	50	24	169-3345	10R-9791
D5G LGP OEM	D5G	0	Brush	115	12	121-4134	0R-3527
D5G LGP OEM	D5G	0	0	160	12	306-2172	-
D5G LGPJ	RSC	0	Brush	110	12	203-5492	10R-9098
D5G XL	CLF	0	Brush	110	12	203-5492	10R-9098

## Small Wheel Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
924G	6YW	0	Brushless	50	24	112-5041	0R-5206
924G	6YW	0	Brushless	50	24	169-3345	10R-9791
924G	6YW	22	Brushless	35	24	6N-9294	0R-5217
924G	WGX	0	Brushless	95	24	197-8820	10R-9789
924G OEM	KTC	0	Brushless	95	24	197-8820	10R-9789
924H	HXC	0	Brushless	95	24	197-8820	10R-9789
924H	HXC	22	Brushless	150	24	249-0313	10R-9097
924H Z	RCB	22	Brushless	150	24	249-0313	10R-9097
924H Z	WLB	0	Brushless	95	24	197-8820	10R-9789
924K	ENC	22	Brushless	150	24	272-1889	20R-0053
924K	PWR	22	Brush	115	24	344-5081	-
924K	PWR	22	Brush	115	24	385-1812	20R-1726
926M	LTE	22	Brushless	150	24	272-1889	20R-0053
926M	LTE	22	Brush	115	24	344-5081	-
928G	7SR	0	Brushless	70	24	155-7434	0R-8279
928G	DJD	0	Brushless	95	24	197-8820	10R-9789
928G OEM	GMB	0	Brushless	65	24	185-5294	10R-9788
928G OEM	GMB	0	Brushless	95	24	197-8820	10R-9789
928H	CXK	0	Brushless	95	24	197-8820	10R-9789
928H	CXK	22	Brushless	150	24	249-0313	10R-9097
930G	TWR	0	Brushless	80	24	177-9953	10R-9790
930G	TWR	0	Brushless	95	24	197-8820	10R-9789
930H	DHC	16	Brush	51	12	6T-1396	0R-3654
930H	DHC	0	Brushless	95	24	197-8820	10R-9789
930H	DHC	22	Brushless	150	24	249-0313	10R-9097
930K	EYE	22	Brush	115	24	344-5081	-
930K	EYE	22	Brush	115	24	385-1812	20R-1726
930K	RHN	22	Brushless	150	24	272-1889	20R-0053
930K OEM	T68	22	Brush	115	24	344-5081	-
930K OEM	T68	22	Brush	115	24	385-1812	20R-1726
930M	KTG	22	Brushless	150	24	272-1889	20R-0053
930M	KTG	22	Brush	115	24	344-5081	-

# Cat Alternators

## Small Wheel Loader Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
938G	9HS	0	Brush	130	12	117-1379	0R-9480
938G II	PHN	0	Brush	130	12	117-1379	0R-9480
938G II	PHN	17	Brush	52	12	9W-3043	0R-3652
938G II	PHN	22	Brush	70	24	107-7977	0R-8279
938G II	PHN	0	Brushless	80	24	177-9953	10R-9790
938G II	PHN	0	Brushless	65	24	185-5294	10R-9788
938G II	PHN	0	Brushless	95	24	197-8820	10R-9789
938G II	PHN	22	Brushless	75	24	3E-7577	0R-3615
938G II OEM	MSC	0	Brush	130	12	117-1379	0R-9480
938G II OEM	MSC	17	Brush	52	12	9W-3043	0R-3652
938G II OEM	MSC	22	Brush	70	24	107-7977	0R-8279
938G II OEM	MSC	0	Brushless	65	24	185-5294	10R-9788
938G II OEM	MSC	0	Brushless	95	24	197-8820	10R-9789
938H	JKM	22	Brushless	65	24	235-7132	-
938H	JKM	22	Brushless	80	24	235-7133	-
938K	REP	22	Brushless	150	24	272-1889	20R-0053
938K	SWL	22	Brush	115	24	385-1812	20R-1726
938K	XXT	22	Brush	115	24	344-5081	-
938M	J3R	22	Brushless	150	24	272-1889	20R-0053
938M	J3R	22	Brush	115	24	344-5081	-
IT24F	4NN	17	Brush	52	12	9W-3043	0R-3652
IT28G	8CR	17	Brush	52	12	9W-3043	0R-3652
IT28G	8CR	0	Brushless	70	24	155-7434	0R-8279
IT28G	WAC	0	Brushless	95	24	197-8820	10R-9789
IT38F	6FN	17	Brush	52	12	9W-3043	0R-3652
IT38G	JAN	0	Brush	130	12	117-1379	0R-9480
IT38G	JAN	17	Brush	52	12	9W-3043	0R-3652
IT38G	JAN	22	Brush	70	24	107-7977	0R-8279
IT38G	JAN	0	Brushless	65	24	185-5294	10R-9788
IT38G II	JAN	0	Brush	130	12	117-1379	0R-9480
IT38G II	JAN	17	Brush	52	12	9W-3043	0R-3652
IT38G II	JAN	22	Brush	70	24	107-7977	0R-8279
IT38G II	JAN	0	Brushless	65	24	185-5294	10R-9788
IT38H	JNJ	22	Brushless	65	24	235-7132	-
IT38H	JNJ	22	Brushless	80	24	235-7133	-

## Telehandler Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
PM OEM	MLS	0	0	105	12	207-6036	-
RT80-RT100	1GJ	17	Brush	60	12	8C-5510	-
TH103	3PN	17	Brush	55	12	100-8223	0R-1905
TH103	3PN	0	Brush	55	12	105-2812	0R-9273
TH103	3PN	0	Brush	90	12	105-2813	0R-9274
TH210	MHT	0	0	105	12	207-6036	-
TH215	MHS	0	0	105	12	207-6036	-
TH220B	SLA	0	0	90	12	207-6035	-
TH220B	SLA	0	0	105	12	207-6036	-
TH220B	SLA	0	Brushless	75	24	200-2232	0R-9940
TH220B	SLA	22	Brushless	95	24	226-7683	-
TH220B	SLA	22	Brushless	80	24	235-7133	-
TH330B	SLB	0	0	90	12	207-6035	-

## Telehandler Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
TH330B	SLB	0	0	105	12	207-6036	-
TH340B	SLC	0	0	90	12	207-6035	-
TH340B	SLC	0	0	105	12	207-6036	20R-3854
TH350B	SLD	0	0	90	12	207-6035	-
TH350B	SLD	0	0	105	12	207-6036	20R-3854
TH355B	JRK	0	0	90	12	207-6035	-
TH355B	JRK	0	0	105	12	207-6036	-
TH360B	SLE	0	0	90	12	207-6035	-
TH360B	SLE	0	0	105	12	207-6036	-
TH460B	SLF	0	0	90	12	207-6035	-
TH460B	SLF	0	0	105	12	207-6036	20R-3854
TH560B	SLG	0	0	90	12	207-6035	-
TH560B	SLG	0	0	105	12	207-6036	20R-3854
TH580B	SLH	0	0	90	12	207-6035	-
TH580B	SLH	0	0	105	12	207-6036	-
TH62	3LN	17	Brush	55	12	100-8223	0R-1905
TH62	3LN	0	Brush	55	12	105-2812	0R-9273
TH62	4TM	0	Brush	90	12	105-2813	0R-9274
TH63	5WM	17	Brush	55	12	100-8223	0R-1905
TH63	5WM	0	Brush	55	12	105-2812	0R-9273
TH63	5WM	0	Brush	90	12	105-2813	0R-9274
TH82	3JN	17	Brush	55	12	100-8223	0R-1905
TH82	3KN	0	Brush	55	12	105-2812	0R-9273
TH82	3KN	0	Brush	90	12	105-2813	0R-9274
TH83	3RN	17	Brush	55	12	100-8223	0R-1905
TH83	3RN	0	Brush	55	12	105-2812	0R-9273
TH83	3RN	0	Brush	90	12	105-2813	0R-9274

## Track Loader Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
953	78Y	0	Brushless	50	24	112-5041	0R-5206
953 LGP	44Z	0	Brushless	50	24	112-5041	0R-5206
953 LGP	44Z	0	Brushless	50	24	169-3345	10R-9791
953 LGP	44Z	22	Brushless	35	24	6N-9294	0R-5217
953D	LBP	22	Brushless	95	24	226-7683	-
953K	LJT	22	0	105	24	321-8940	-
963	48Z	22	Brushless	35	24	6N-9294	0R-5217
963D	LCS	22	Brushless	95	24	226-7683	-
963K	LBL	22	0	105	24	321-8940	-
973	86G	22	Brushless	35	24	6N-9294	0R-5217
973C	LDX	0	Brushless	65	24	185-5294	10R-9788
973D	LCP	0	Brushless	95	24	197-8820	10R-9789
973T	MKL	22	Brushless	95	24	226-7683	-

## Undercarriage Arrangement Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
C18 OEM	MMB	22	Brushless	150	24	249-0313	10R-9097
UNDERCARRIAGE OE	HED	0	Brushless	65	24	165-8857	10R-9788
UNDERCARRIAGE OE	L5E	22	Brushless	35	24	6N-9294	0R-5217
UNDERCARRIAGE OE	L5M	0	Brushless	80	24	177-9953	10R-9790

# Cat Alternators

## Undercarriage Arrangement Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
UNDERCARRIAGE OE	L5M	0	Brushless	75	24	200-2232	OR-9940
UNDERCARRIAGE OE	L5M	0	Brushless	75	24	200-8281	OR-9938
UNDERCARRIAGE OE	L5M	22	Brushless	95	24	226-7683	-
UNDERCARRIAGE OE	L5N	17	Brush	52	12	9W-3043	OR-3652
UNDERCARRIAGE OE	L5N	0	Brushless	50	24	169-3345	10R-9791
UNDERCARRIAGE OE	L5N	0	Brushless	95	24	197-8820	10R-9789
UNDERCARRIAGE OE	L5N	0	0	150	24	306-2174	-
UNDERCARRIAGE OE	L5N	22	Brushless	105	24	316-7251	-

## Underground Mining Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
120H	ADG	0	Brushless	50	24	112-5041	OR-5206
120H	ADG	0	Brushless	50	24	169-3345	10R-9791
120H	ADG	22	Brushless	35	24	6N-9294	OR-5217
69D	9XS	0	Brushless	50	24	112-5041	OR-5206
AD22	MW5	0	Brushless	95	24	197-8820	10R-9789
AD22	MW5	22	Brushless	150	24	249-0313	10R-9097
AD30	CXR	22	Brushless	105	24	316-7251	10R-8755
AD30	CXR	22	Brushless	105	24	331-5717	20R-0541
AD30	GXR	0	Brushless	95	24	197-8820	10R-9789
AD30	GXR	22	Brushless	75	24	3E-7577	OR-3615
AD40 II	1YZ	22	Brushless	75	24	3E-7577	OR-3615
AD45	BKZ	22	Brushless	75	24	3E-7577	OR-3615
AD45B	GXM	0	Brushless	95	24	197-8820	10R-9789
AD55	ANW	22	Brushless	105	24	331-5717	-
AD55	DNW	0	Brushless	95	24	197-8820	10R-9789
AD55	DNW	22	Brushless	105	24	316-7251	-
AD55B	JNW	22	Brushless	95	24	226-7683	-
AD60	KNW	22	Brushless	95	24	226-7683	-
AE40 II	1ZZ	22	Brushless	75	24	3E-7577	OR-3615
R1300	6QW	0	Brushless	95	24	197-8820	10R-9789
R1300	6QW	22	Brushless	75	24	3E-7577	OR-3615
R1300G	LJB	0	Brushless	95	24	197-8820	10R-9789
R1300G	LJB	22	Brushless	75	24	3E-7577	OR-3615
R1300G II	RSL	0	Brushless	95	24	197-8820	10R-9789
R1300G II	RSL	22	Brushless	95	24	226-7683	-
R1300G II	RSL	22	Brushless	75	24	3E-7577	OR-3615
R1600	9XP	22	Brushless	75	24	3E-7577	OR-3615
R1600G	9PP	0	Brushless	95	24	197-8820	10R-9789
R1600G	9PP	22	Brushless	75	24	3E-7577	OR-3615
R1600H	9SD	0	Brushless	95	24	197-8820	10R-9789
R1700	4LZ	22	Brushless	75	24	3E-7577	OR-3615
R1700G	XBR	0	Brushless	95	24	197-8820	10R-9789
R1700G	XBR	22	Brushless	75	24	3E-7577	OR-3615
R1700K	KT4	22	Brushless	150	24	272-1889	20R-0053
R1700K	KT4	22	Brushless	150	24	437-0124	-
R2900G	GLK	22	Brushless	75	24	3E-7577	OR-3615
R2900G	JLK	0	Brushless	95	24	197-8820	10R-9789
R3000H	RCM	0	Brushless	95	24	197-8820	10R-9789
UD245	DCX	22	Brushless	95	24	226-7683	-

## Unit Rig Truck Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
MT4400 AC	SE4	22	Brushless	105	24	316-7251	-
MT4400D AC	MT4	22	Brushless	105	24	316-7251	-

## Wheel Tractor Scraper Alternators

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
613C	93X	0	Brushless	50	24	169-3345	10R-9791
613C	9FM	22	Brushless	35	24	6N-9294	0R-5217
613C II	8LJ	0	Brushless	50	24	112-5041	0R-5206
613C II	8LJ	0	Brushless	50	24	169-3345	10R-9791
613C II	8LJ	22	Brushless	75	24	3E-7577	0R-3615
613C II	8LJ	22	Brushless	35	24	6N-9294	0R-5217
613C II OEM	B6J	0	Brushless	50	24	112-5041	0R-5206
613C II OEM	B6J	0	Brushless	50	24	169-3345	10R-9791
613C II OEM	B6J	22	Brushless	35	24	6N-9294	0R-5217
613C SERIES II	KEH	0	Brushless	50	24	169-3345	10R-9791
613G	DBE	22	Brushless	80	24	235-7133	-
613G OEM	DXA	22	Brushless	80	24	235-7133	-
613G OEM	WT2	22	Brushless	95	24	226-7683	-
615C	2XG	0	Brushless	50	24	169-3345	10R-9791
615C II	9XG	0	Brushless	50	24	112-5041	0R-5206
615C II	9XG	0	Brushless	50	24	169-3345	10R-9791
615C II	9XG	22	Brushless	35	24	6N-9294	0R-5217
615C II OEM	B6M	0	Brushless	50	24	112-5041	0R-5206
615C II OEM	B6M	0	Brushless	50	24	169-3345	10R-9791
615C II OEM	B6M	22	Brushless	35	24	6N-9294	0R-5217
615D	BAE	0	Brushless	50	24	112-5041	0R-5206
615D	BAE	0	Brushless	50	24	169-3345	10R-9791
615D	BAE	22	Brushless	35	24	6N-9294	0R-5217
621B	45P	0	Brushless	50	24	112-5041	0R-5206
621B	45P	0	Brushless	80	24	177-9953	10R-9790
621B	45P	0	Brushless	75	24	200-2232	0R-9940
621B	45P	0	Brushless	75	24	200-8281	0R-9938
621B	45P	22	Brushless	80	24	235-7133	-
621B	45P	22	0	15	24	2P-1204	0R-5217
621B	45P	22	Brushless	75	24	3E-7577	0R-3615
621F	4SK	0	Brushless	50	24	112-5041	0R-5206
621F	4SK	0	Brushless	50	24	169-3345	10R-9791
621F	4SK	0	Brushless	80	24	177-9953	10R-9790
621F	4SK	0	Brushless	95	24	197-8820	10R-9789
621F	4SK	0	Brushless	75	24	200-2232	0R-9940
621F	4SK	0	Brushless	75	24	200-8281	0R-9938
621F	4SK	22	Brushless	80	24	235-7133	-
621F	4SK	22	Brushless	105	24	316-7251	-
621F	4SK	22	Brushless	75	24	3E-7577	0R-3615
621F	4SK	22	Brushless	35	24	6N-9294	0R-5217
621G	CEN	0	Brushless	80	24	177-9953	10R-9790
621G	CEN	22	Brushless	75	24	3E-7577	0R-3615
621G	CEP	0	Brushless	75	24	200-8281	0R-9938
621G	DBB	0	Brushless	75	24	200-2232	0R-9940
621G	DBB	22	Brushless	80	24	235-7133	-
621G OEM	DXB	0	Brushless	80	24	177-9953	10R-9790
621G OEM	DXB	0	Brushless	75	24	200-2232	0R-9940

# Cat Alternators

## Wheel Tractor Scraper Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
621G OEM	DXB	0	Brushless	75	24	200-8281	OR-9938
621G OEM	DXB	22	Brushless	80	24	235-7133	–
621G OEM	DXB	22	Brushless	75	24	3E-7577	OR-3615
621H	DBK	0	Brushless	75	24	200-2232	OR-9940
621H	DBK	22	Brushless	80	24	235-7133	–
621H	DBK	22	Brushless	150	24	272-1889	20R-0053
621H	EAZ	22	Brush	145	24	352-4700	–
621H OEM	HKK	22	Brushless	150	24	272-1889	20R-0053
621H OEM	NYN	22	Brush	145	24	352-4700	–
621K	WTL	22	Brush	145	24	352-4700	–
621K OEM	WTP	22	Brush	145	24	352-4700	–
623E	6DB	0	Brushless	50	24	112-5041	OR-5206
623E	6DB	0	Brushless	50	24	169-3345	10R-9791
623E	6DB	22	Brushless	75	24	3E-7577	OR-3615
623F	5EW	0	Brushless	50	24	112-5041	OR-5206
623F	5EW	0	Brushless	50	24	169-3345	10R-9791
623F	5EW	0	Brushless	75	24	200-2232	OR-9940
623F	5EW	22	Brushless	80	24	235-7133	–
623F	5EW	22	Brushless	75	24	3E-7577	OR-3615
623F	5EW	22	Brushless	35	24	6N-9294	OR-5217
623G	ARW	22	Brushless	75	24	3E-7577	OR-3615
623G	CES	0	Brushless	80	24	177-9953	10R-9790
623G	CES	0	Brushless	75	24	200-8281	OR-9938
623G	DBC	0	Brushless	75	24	200-2232	OR-9940
623G	DBY	22	Brushless	80	24	235-7133	–
623H	DBF	0	Brushless	75	24	200-2232	OR-9940
623H	DBF	22	Brushless	80	24	235-7133	–
623H	DBF	22	Brushless	150	24	272-1889	20R-0053
623H	DBF	22	Brush	145	24	352-4700	–
623K	WTM	22	Brush	145	24	352-4700	–
627F	1DL	0	Brushless	50	24	112-5041	OR-5206
627F	1DL	0	Brushless	50	24	169-3345	10R-9791
627F	1DL	0	Brushless	75	24	200-2232	OR-9940
627F	1DL	0	Brushless	75	24	200-8281	OR-9938
627F	1DL	22	Brushless	80	24	235-7133	–
627F	1DL	22	Brushless	75	24	3E-7577	OR-3615
627G	CEX	0	Brushless	75	24	200-8281	OR-9938
627G	CEX	22	Brushless	35	24	6N-9294	OR-5217
627G	CEZ	0	Brushless	80	24	177-9953	10R-9790
627G	CEZ	0	Brushless	95	24	197-8820	10R-9789
627G	DBD	0	Brushless	75	24	200-2232	OR-9940
627G	DBD	22	Brushless	80	24	235-7133	–
627G	DBZ	22	Brushless	105	24	316-7251	–
627H	DBW	0	Brushless	75	24	200-2232	OR-9940
627H	DBW	22	Brushless	80	24	235-7133	–
627H	LCT	22	Brushless	65	24	235-7132	–
627H	LCT	22	Brushless	150	24	272-1889	20R-0053
627H	LCT	22	Brush	145	24	352-4700	–
627K	WTC	22	Brushless	65	24	235-7132	–
627K	WTN	22	Brush	145	24	352-4700	–
631D	24W	0	Brushless	50	24	112-5041	OR-5206
631D	24W	0	Brushless	50	24	169-3345	10R-9791
631D	24W	0	Brushless	75	24	200-2232	OR-9940

## Wheel Tractor Scraper Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
631D	24W	22	Brushless	80	24	235-7133	-
631D	24W	22	0	15	24	2P-1204	0R-5217
631D	24W	22	Brushless	35	24	6N-9294	0R-5217
631E	1AB	0	Brushless	50	24	169-3345	10R-9791
631E	1AB	0	Brushless	80	24	177-9953	10R-9790
631E	1AB	0	Brushless	75	24	200-2232	0R-9940
631E	1AB	0	Brushless	75	24	200-8281	0R-9938
631E	1AB	22	Brushless	80	24	235-7133	-
631E	1AB	22	Brushless	75	24	3E-7577	0R-3615
631E	1AB	22	Brushless	35	24	6N-9294	0R-5217
631E	6PC	0	Brushless	50	24	112-5041	0R-5206
631G	AWK	0	Brushless	75	24	200-8281	0R-9938
631G	CLR	0	Brushless	80	24	177-9953	10R-9790
631G	CLR	22	Brushless	75	24	3E-7577	0R-3615
631G	DFA	0	Brushless	75	24	200-2232	0R-9940
631G OEM	DXE	0	Brushless	75	24	200-2232	0R-9940
631G OEM	DXE	22	Brushless	80	24	235-7133	-
631K	WTR	22	Brush	115	24	344-5081	-
631K	WTR	22	Brush	145	24	352-4700	-
631K OEM	WT4	22	Brush	115	24	344-5081	-
631K OEM	WT4	22	Brush	145	24	352-4700	-
633E	2PS	0	Brushless	50	24	112-5041	0R-5206
633E	2PS	0	Brushless	50	24	169-3345	10R-9791
633E	2PS	0	Brushless	80	24	177-9953	10R-9790
633E	2PS	0	Brushless	75	24	200-2232	0R-9940
633E	2PS	0	Brushless	75	24	200-8281	0R-9938
633E	2PS	22	Brushless	80	24	235-7133	-
633E	2PS	22	Brushless	75	24	3E-7577	0R-3615
633E	2PS	22	Brushless	35	24	6N-9294	0R-5217
637	65M	22	Brushless	35	24	6N-9294	0R-5217
637E	1FB	0	Brushless	75	24	200-2232	0R-9940
637E	1FB	0	Brushless	75	24	200-8281	0R-9938
637E	1FB	22	Brushless	80	24	235-7133	-
637E	1HB	0	Brushless	50	24	169-3345	10R-9791
637E	1HB	0	Brushless	80	24	177-9953	10R-9790
637E	1HB	0	Brushless	95	24	197-8820	10R-9789
637E	1HB	22	Brushless	105	24	316-7251	-
637E	7CB	0	Brushless	50	24	112-5041	0R-5206
637E	7CB	22	Brushless	75	24	3E-7577	0R-3615
637G	CEH	0	Brushless	80	24	177-9953	10R-9790
637G	CEH	0	Brushless	75	24	200-8281	0R-9938
637G	CEH	22	Brushless	35	24	6N-9294	0R-5217
637G	DFJ	22	Brushless	80	24	235-7133	-
637K	WTS	22	Brush	145	24	352-4700	-
651	33G	0.874	0	55	12	1S-2585	-
651	33G	22	Brushless	85	12	3E-7892	0R-3616
651	33G	22	Brushless	60	12	7G-7889	10R-1919
651	33G	0	Brushless	50	24	112-5041	0R-5206
651	33G	0	Brushless	50	24	169-3345	10R-9791
651	33G	22	Brushless	35	24	6N-9294	0R-5217
651E	4YR	0	Brushless	50	24	112-5041	0R-5206
651E	4YR	0	Brushless	50	24	169-3345	10R-9791
651E	4YR	22	Brushless	75	24	3E-7577	0R-3615



# Cat Alternators

## Wheel Tractor Scraper Alternators (Cont'd.)

Sales Model	S/N Prefix	Shaft Diam. MM	Brush/Brushless	Amps	Volts	Service Part Number	Reman
651E	4YR	22	Brushless	35	24	6N-9294	0R-5217
651E	5XR	0	Brushless	80	24	177-9953	10R-9790
651E	5XR	0	Brushless	75	24	200-8281	0R-9938
657E	5YR	0	Brushless	50	24	169-3345	10R-9791
657E	5YR	0	Brushless	75	24	200-2232	0R-9940
657E	6PR	0	Brushless	75	24	200-8281	0R-9938
657E	6PR	22	Brushless	75	24	3E-7577	0R-3615
657E	6TR	0	Brushless	50	24	112-5041	0R-5206
657E	6TR	0	Brushless	80	24	177-9953	10R-9790
657E	6TR	22	Brushless	80	24	235-7133	-
657E	7KR	0	Brushless	95	24	197-8820	10R-9789
657E	7KR	22	Brushless	105	24	316-7251	-
657E	7KR	22	Brushless	35	24	6N-9294	0R-5217
657G	GER	0	Brushless	75	24	200-2232	0R-9940
657G	W1B	22	Brushless	80	24	235-7133	-
657G	W1C	0	Brushless	50	24	169-3345	10R-9791
657G	W1E	22	Brushless	35	24	6N-9294	0R-5217
657G OEM	DXG	0	Brushless	75	24	200-2232	0R-9940
657G OEM	DXG	22	Brushless	80	24	235-7133	-

Cu. Inch	Liter <sup>(1)</sup>
<b>AMC 4 Cylinder</b>	
121	2.0
150, 151	2.5
<b>AMC 6 Cylinder</b>	
195, 195.6, 199	3.2
232	3.8
258	4.2
<b>AMC 8 Cylinder</b>	
250	4.1
287	4.7
290	4.8
304	5.0
327	5.4
343	5.6
350	5.7
360	5.9
390	6.4
401	6.6
<b>Chrysler 4 Cylinder</b>	
84	1.4
90	1.5
98	1.6
104.7, 105	1.7
120	2.0
135	2.2
153, 156	2.6
<b>Chrysler 6 Cylinder</b>	
170	2.8
198	3.2
225	3.7
<b>Chrysler 8 Cylinder</b>	
273	4.5
313	5.1
318	5.2
340	5.6
350	5.7
354	5.8
360, 361	5.9
383	6.3
400	6.6
413	6.7
426	7.0
440	7.2
446	7.3
<b>Ford 4 Cylinder</b>	
98	1.6

Cu. Inch	Liter <sup>(1)</sup>
110	1.8
116	1.9
121, 122	2.0
134	2.2
140	2.3
153	2.5
<b>Ford 6 Cylinder</b>	
144	2.4
170	2.8
200	3.3
223	3.7
230, 232	3.8
240	3.9
250	4.1
300	4.9
<b>Ford V-6</b>	
159	2.6
171	2.8
177	2.9
183	3.0
<b>Ford 8 Cylinder</b>	
255	4.2
302	5.0
351	5.8
361	5.9
370	6.1
390	6.4
400	6.6
420, 421	6.9
429	7.0
460	7.5
477	7.8
534	8.8
<b>GM 3 Cylinder</b>	
60	1.0
<b>GM 4 Cylinder</b>	
85	1.4
92	1.5
98	1.6
110, 111, 112	1.8
119	1.9
121, 122	2.0
134, 137	2.2
138, 140	2.3
146	2.4
151, 153	2.5

Cu. Inch	Liter <sup>(1)</sup>
173	2.8
<b>GM 5 Cylinder</b>	
214	3.5
<b>GM 6 Cylinder</b>	
216	3.5
235	3.9
250	4.1
256	4.2
261	4.3
292	4.8
<b>GM V-6</b>	
171, 173	
184	2.8
191	3.0
196	3.1
200, 204	3.2
207	3.3
214	3.4
220	3.5
229, 230, 231	3.6
252	3.8
260, 292	4.1
<b>GM 8 Cylinder</b>	
250	4.1
318	5.2
<b>GM V-8</b>	
244	4.0
250	4.1
260, 262, 265	4.3
267	4.4
280, 283	4.6
292	4.8
301	4.9
302, 305, 307	5.0
323	5.3
327	5.4
348, 350	5.7
366, 368	6.0
395, 396	6.5
400, 402, 403	6.6
409	6.7
425, 427	7.0
454	7.4
455	7.5
496	8.1

<sup>1</sup> 1 Liter = 1000cc (Cubic Centimeter)  
 Liters x 1,000 = cc's (Cubic Centimeter)  
 example: 2.8L x 1,000 = 2,800 cc's (Cubic Centimeter)

# Index by Model

## Passenger Cars, Light Trucks, Vans & Mini-Vans

<b>Model</b>	<b>Make</b>	<b>Model</b>	<b>Make</b>	<b>Model</b>	<b>Make</b>
1 1/2 Litre	Riley	1200C	NSU	1600	Abarth
1.5	Riley	1200D	International	1600	BMW
100	Audi	1201	Skoda	1600	Nissan
100	International	1204	Glas	1600	Oscsa
100	Rover	1204	Simca	1600	Siata
100 Quattro	Audi	1210	International	1600 GT	Glas
100 Series	Audi	122	Volvo	1600-2	BMW
1000	Abarth	124	Fiat	1600ti	BMW
1000	DKW	128	Fiat	1602	BMW
1000	International	128i	BMW	164	Alfa Rome
1000	NSU	13-210	Kenworth	164	Volvo
1000	Simca	1300	Abarth	165	Hino
1000	Wartburg	1300	Lada	166	Ferrari
1000 MB	Skoda	1300	MG	170	Mercedes-Benz
1000 Series	GMC	1300	Siata	170 S	Mercedes-Benz
1000A	International	1300	TVR	170 V	Mercedes-Benz
1000B	International	1300	UD	1700	Glas
1000C	International	1300 GT	Glas	1700	Oscsa
1000D	International	1300 Super	Denzel	1700 GT	Glas
1010	International	1300A	International	170S-V	Mercedes-Benz
104	Daimler	1300B	International	175	Delahaye
105	Rover	1300C	International	178	Delahaye
11	Citroen	1300D	International	180	Delahaye
110	NSU	1304	Glas	180	Mercedes-Benz
1100	Fiat	131	Fiat	1800	BMW
1100	Goliath	1310	International	1800	Mazda
1100	Hansa	134	Delahaye	1800	UD
1100	HRG	135	Delahaye	1800	Volvo
1100	MG	135i	BMW	1800CS	UD
1100	UD	135M	Delahaye	1800HD	UD
1100A	International	135MS	Delahaye	1800ti	BMW
1100B	International	1400	Fiat	1802	BMW
1100C	International	1400	UD	180A	Mercedes-Benz
1100D	Fiat	142	Volvo	180B	Mercedes-Benz
1100D	International	144	Volvo	180C	Mercedes-Benz
1101	Skoda	145	Hino	180D	Mercedes-Benz
1102	Skoda	145	Volvo	185	Hino
1110	International	148L	Delahaye	190	Mercedes-Benz
1118	Simca	15	Citroen	1900	Alfa Romeo
1150	Abarth	15/50	Wolseley	1900	Fiat
1200	Fiat	15/60	Wolseley	1900	Opel
1200	Mazda	150	International	1900C	Alfa Romeo
1200	Moretti	1500	BMW	190B	Mercedes-Benz
1200	Nissan	1500	Fiat	190C	Mercedes-Benz
1200	Skoda	1500	HRG	190D	Mercedes-Benz
1200	UD	1500	Siata	190DB	Mercedes-Benz
1200A	International	1500	Wolseley	190DC	Mercedes-Benz
1200B	International	1500 Series	GMC	190E	Mercedes-Benz
1200C	International	1500 Super	Denzel	190SL	Mercedes-Benz

# Index by Model

Model	Make	Model	Make	Model	Make
195	Ferrari	230	Mercedes-Benz	280	Mercedes-Benz
2 1/2 Litre	Lagonda	2300	UD	2800	BMW
2 1/2 Litre	Riley	2300	Salmson	2800	UD
2.4	Jaguar	2300	UD	2800CS	BMW
2.6	Riley	2300	UD	280C	Ferrari
2.8 Bavaria	BMW	230	Mercedes-Benz	280CE	Ferrari
200	Audi	230	Mercedes-Benz	280E	Ferrari
200	Griffith	235	Delahaye	280S	Ferrari
200	International	238	Hino	280SE	Ferrari
200	Mercedes-Benz	240	Dual-Ghia	280SEL	Ferrari
200	Packard	240	Volvo	280SL	Ferrari
200	Peterbilt	240	Mercedes-Benz	280Z	Nissan
200 Quattro	Audi	240	Nissan	280ZX	Nissan
2000	Abarth	240	Nissan	2CV	Citroen
2000	Alfa Romeo	242	Volvo	2R10	Studebaker
2000	BMW	244	Volvo	2R11	Studebaker
2000	International	245	Volvo	2R5	Studebaker
2000	Lancia	250	Daimler	2R6	Studebaker
2000	Nissan	250	Mercedes-Benz	3	Mazda
2000	Rover	250	Packard	3 Litre	Lagonda
2000	UD	250	Ferrari	3-6	DKW
2000	Dodge	250	Ferrari	3-Litre	Rover
2000	Eagle	250	Ferrari	3.0CS	BMW
200	BMW	250	Ferrari	3.0CSi	BMW
2000	BMW	2500	BMW	3.0CSL	BMW
2000	Toyota	2500	TVR	3.0S	BMW
2000	BMW	2500	GMC	3.0Si	BMW
2000	BMW	2500	TVR	3.4	Jaguar
2002	BMW	250	Mercedes-Benz	3.8	Jaguar
2002	BMW	250	Mercedes-Benz	300	Chrysler
2002	BMW	250	Mercedes-Benz	300	Ford
200	Siata	250	Mercedes-Benz	300	Mercedes-Benz
200	Mercedes-Benz	258	Hino	300	Packard
200	Nissan	258	Hino	3000	International
202	Cisitalia	2600	Alfa Romeo	3000	UD
203	Peugeot	2600	BMW	3000 GT	Glas
208	Siata	2600	Glas	3000GT	Mitsubishi
210	Nissan	2600	UD	3000HD	UD
2100	Fiat	260	Mercedes-Benz	3000M	TVR
212	Ferrari	260	Nissan	3000SD	UD
219	Mercedes-Benz	262	Volvo	300B	Mercedes-Benz
22-210	Kenworth	264	Volvo	300C	Mercedes-Benz
220	Mercedes-Benz	265	Peterbilt	300CD	Mercedes-Benz
220	Peterbilt	265	Volvo	300CE	Mercedes-Benz
220	Mercedes-Benz	268	Hino	300D	Mercedes-Benz
220	Mercedes-Benz	268A	Hino	300E	Mercedes-Benz
220	Mercedes-Benz	270	Peterbilt	300M	Chrysler
220	Mercedes-Benz	275 GT	Ferrari	300S	Mercedes-Benz
224	Peterbilt	275 GTB	Ferrari	300SC	Mercedes-Benz
227	Peterbilt	275 GTS	Ferrari	300SD	Mercedes-Benz
228	Maserati	275 LM	Ferrari	300SDL	Mercedes-Benz

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<b>Model</b>	<b>Make</b>	<b>Model</b>	<b>Make</b>	<b>Model</b>	<b>Make</b>
300SE	Mercedes-Benz	335d	BMW	4.5-Liter	Daimler
300SEL	Mercedes-Benz	335i	BMW	4/4	Morgan
300SL	Mercedes-Benz	335i xDrive	BMW	4/4 Series I	Morgan
300TD	Mercedes-Benz	335xi	BMW	4/4 Series II	Morgan
300TE	Mercedes-Benz	338	Hino	4/4 Series III	Morgan
300ZX	Nissan	338CT	Hino	4/4 Series IV	Morgan
304	Peugeot	340	Jaguar	4/4 Series V	Morgan
308	Hino	340 America	Ferrari	4/44	Wolseley
308 GTB	Ferrari	342 America	Ferrari	4/50	Wolseley
308 GTBi	Ferrari	348 GTB	Ferrari	4/68	Riley
308 GTS	Ferrari	348 GTS	Ferrari	4/72	Riley
308 GTSi	Ferrari	348 Spider	Ferrari	400	Dodge
310	Nissan	348 TB	Ferrari	400	Vespa
311	Wartburg	348 TS	Ferrari	400 Superamerica	Ferrari
318i	BMW	3500	Rover	4000	Audi
318is	BMW	3500GT	Maserati	4000	International
318ti	BMW	3500GTI	Maserati	4000 Quattro	Audi
320	Nissan	3500S	Rover	400E	Mercedes-Benz
3200	BMW	350GT	Lamborghini	400GT	Lamborghini
3200CS	BMW	350SD	Mercedes-Benz	400SE	Mercedes-Benz
320i	BMW	350SDL	Mercedes-Benz	400SEL	Mercedes-Benz
323	Mazda	350SL	Mercedes-Benz	401	Bristol
323Ci	BMW	350Z	Nissan	402	Bristol
323i	BMW	356	Porsche	402	Moskvich
323is	BMW	356A	Porsche	403	Bristol
325	BMW	356B	Porsche	403	Peugeot
325Ci	BMW	356C	Porsche	404	Bristol
325e	BMW	356SC	Porsche	404	Peugeot
325es	BMW	360	Ferrari	405	Bristol
325i	BMW	360	Sterling	405	Peugeot
325is	BMW	360	Subaru	406	Bristol
325iX	BMW	365 GT	Ferrari	407	Bristol
325xi	BMW	365 GT 4	Ferrari	407	Moskvich
328	Berkeley	365 GT 4 BB	Ferrari	408	Bristol
328 GTB	Ferrari	365 GTB/4	Ferrari	409	Bristol
328 GTS	Ferrari	365 GTC	Ferrari	410	Bristol
328Ci	BMW	365 GTC/4	Ferrari	410	Nissan
328i	BMW	365 GTS	Ferrari	410 Superamerica	Ferrari
328i xDrive	BMW	365 GTS/4	Ferrari	411	Bristol
328is	BMW	370Z	Nissan	411	Nissan
328xi	BMW	375	Monteverdi	411	Volkswagen
330	Dodge	375 America	Ferrari	412	Volkswagen
330	Peterbilt	380SE	Mercedes-Benz	420	Jaguar
330 GT	Ferrari	380SEC	Mercedes-Benz	420SEL	Mercedes-Benz
330 GTC	Ferrari	380SEL	Mercedes-Benz	425	Maserati
330 GTS	Ferrari	380SL	Mercedes-Benz	427	AC
3300	UD	380SLC	Mercedes-Benz	428	AC
330Ci	BMW	3R10	Studebaker	430i	Maserati
330i	BMW	3R11	Studebaker	44	DAF
330xi	BMW	3R5	Studebaker	440	Dodge
335	Peterbilt	3R6	Studebaker	440	Skoda

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Model	Make
442	Oldsmobile
444	Volvo
445	Volvo
450SE	Mercedes-Benz
450SEL	Mercedes-Benz
450SL	Mercedes-Benz
450SLC	Mercedes-Benz
456GT	Ferrari
456GTA	Ferrari
456M	Ferrari
456M GT	Ferrari
456 M GTA	Ferrari
475	Jeep
4CV	DKW
4CV	Renault
4Runner	Toyota
5	Mazda
5	Simca
500	Dual-Ghia
500	Fiat
500	Maico
500 Superfast	Ferrari
5000	Audi
5000 Quattro	Audi
500E	Mercedes-Benz
500M	Kurtis
5000SEC	Mercedes-Benz
5000SEL	Mercedes-Benz
500SL	Mercedes-Benz
501	BMW
501A	BMW
501B	BMW
502	BMW
503	BMW
504	Peugeot
505	Peugeot
507	BMW
510	Nissan
512 BB	Ferrari
512 M	Ferrari
512 TR	Ferrari
520 Pickup	Nissan
521 Pickup	Nissan
524td	BMW
525i	BMW
525iT	BMW
525xi	BMW
528e	BMW
528i	BMW
528i xDrive	BMW
528xi	BMW

Model	Make
530 LX	Matra
530i	BMW
530xi	BMW
533i	BMW
535i	BMW
535i xDrive	BMW
535is	BMW
535xi	BMW
540i	BMW
541	Jensen
541R	Jensen
541S	Jensen
544	Volvo
545i	BMW
55	DAF
550 Maranello	Ferrari
550i	BMW
550i GT	BMW
550T	UD
560SEC	Mercedes-Benz
560SEL	Mercedes-Benz
560SL	Mercedes-Benz
57	Maybach
575 M Maranello	Ferrari
599 GTB	Ferrari
6	Mazda
6-226	Jeep
6-230	Jeep
6/80	Wolseley
6/90	Wolseley
60	Rover
60 Special	CADillac
600	DAF
600	Dodge
600	Fiat
600	Honda
600	Mercedes-Benz
600	Moretti
6000	Pontiac
600D	Fiat
600SEC	Mercedes-Benz
600SEL	Mercedes-Benz
600SL	Mercedes-Benz
600T	UD
604	Peugeot
610	Nissan
612 Scaglietti	Ferrari
616	Mazda
618	Mazda
62	Maybach
620	Nissan

Model	Make
620 Pickup	Nissan
626	Mazda
630CSi	BMW
633CSi	BMW
635CSi	BMW
645Ci	BMW
650i	BMW
6C 2500	Alfa Romeo
700	Maico
7000	International
710	Nissan
720	Nissan
733i	BMW
735i	BMW
735iL	BMW
740	Volvo
740i	BMW
740iL	BMW
745	Volvo
745i	BMW
745Li	BMW
75	Rover
750	Abarth
750	DAF
750	Deutsch-Bonnet
750	DKW
750	Moretti
750i	BMW
750i xDrive	BMW
750iL	BMW
750Li	BMW
750Li xDrive	BMW
760	Volvo
760i	BMW
760Li	BMW
770	Amphicar
780	Volvo
80	Audi
80 Quattro	Audi
808	Mazda
810	Nissan
825	Sterling
827	Sterling
840Ci	BMW
850	Abarth
850	Deutsch-Bonnet
850	Fiat
850	Volvo
850Ci	BMW
850CSi	BMW
850i	BMW

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Model	Make	Model	Make	Model	Make
88	Oldsmobile	A310	Alpine	America	Austin
880	Dodge	A35	Austin	American	American Motors
8C	Alfa Romeo	A4	Audi	American	DAF
8V	Fiat	A4 Quattro	Audi	AMI-6	Citroen
9-2x	Saab	A40	Austin	Amica	Siata
9-3	Saab	A5 Quattro	Audi	Amigo	Isuzu
9-5	Saab	A6	Audi	AMX	American Motors
9-7x	Saab	A6 Quattro	Audi	Anglia	Ford
90	Audi	A6/1500	Maserati	Apollo	Buick
90	Rover	A6G	Maserati	Appia	Lancia
90 Quattro	Audi	A6G/2000	Maserati	Arabella	Lloyd
900	Saab	A8	Audi	Ariane	Simca
9000	Saab	A8 Quattro	Audi	Aries	Dodge
900A	International	AB120	International	Armada	Nissan
908B	International	Acadia	GMC	Amage	Bentley
908C	International	Acadian	Pontiac	Aronde	Simca
911	Porsche	Accent	Hyundai	Arrow	Plymouth
912	Porsche	Acclaim	Plymouth	Arrow	Sunbeam
914	Porsche	Accord	Honda	Ascender	Isuzu
92	Saab	Accord	Honda	Aspen	Chrysler
924	Porsche	Crosstour		Aspen	Dodge
928	Porsche	Ace	AC	Aspire	Ford
929	Mazda	Aceca	AC	Astra	Saturn
92B	Saab	Achieva	Oldsmobile	Astre	Pontiac
93	Saab	Acterra	Sterling	Astro	Chevrolet
930	Porsche	Adventurer	DeSoto	Atlantic	Austin
93B	Saab	Aerio	Suzuki	Atom	Fairthorpe
93F	Saab	Aero 8	Morgan	Atomata	Fairthorpe
940	Volvo	Aerostar	Ford	Aura	Saturn
944	Porsche	AIV Roadster	Panoz	Aurelia	Lancia
95	Saab	Alero	Oldsmobile	Aurora	Oldsmobile
950	Turner	Alexander	Lloyd	Avalanche	Chevrolet
96	Saab	Alfetta	Alfa Romeo	Avalanche 1500	Chevrolet
960	Volvo	Allante	Cadillac	Avalanche 2500	Chevrolet
968	Porsche	Alliance	Renault	Avalon	Toyota
98	Oldsmobile	Allroad Quattro	Audi	Avanti	Avanti
99	Saab	Allure	Buick	Avanti	Studebaker
A-230	Allstate	Alpina B7	BMW	Avenger	Dodge
A-240	Allstate	Alpine	Sunbeam	Aveo	Chevrolet
A100	Dodge	Altima	Nissan	Aveo5	Chevrolet
A100	International	Altra EV	Nissan	Aviator	Lincoln
A102	International	AM 120	International	Axiom	Isuzu
A108 Van	Dodge	AM 130	International	Axxess	Nissan
A110	Alpine	AM 132	International	Azera	Hyundai
A110	International	AM 80	International	Aztek	Pontiac
A112	International	Amanti	Kia	Azure	Bentley
A120	International	Ambassador	American Motors	B-1	Dodge
A122	International	Ambassador Custom	Nash	B-2	Dodge
A130	International	Ambassador Special	Nash	B-3	Dodge
A132	International	Ambassador Super	Nash	B-4	Dodge
A3	Audi			B100	Dodge



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Model	Make
B100	International
B100 Van	Dodge
B102	International
B110	International
B112	International
B120	International
B122	International
B130	International
B132	International
B150	Dodge
B1500	Dodge
B1600	Mazda
B1800	Mazda
B200	Dodge
B200	Mercedes-Benz
B200 Van	Dodge
B2000	Mazda
B210	Nissan
B2200	Mazda
B2300	Mazda
B250	Dodge
B2500	Dodge
B2500	Mazda
B2600	Mazda
B300	Dodge
B300 Van	Dodge
B3000	Mazda
B350	Dodge
B3500	Dodge
B4000	Mazda
B9Tribeca	Subaru
Baja	Subaru
BArracuda	Plymouth
Bavaria	BMW
Beetle	Volkswagen
Bel Air	Chevrolet
Bellel	Isuzu
Belvedere	Plymouth
Belvedere II	Plymouth
Beretta	Chevrolet
Berlina	Alfa Romeo
Bermuda	Nissan
Beta	Lancia
Biscayne	Chevrolet
Biturbo	Maserati
Blackhawk	Stutz
Blackwood	Lincoln
Blazer	Chevrolet
Bobcat	Mercury
Bolide	Arnolt-Bristol

Model	Make
Bora	Maserati
Borrego	Kia
Boxster	Porsche
Brat	Subaru
Brava	Fiat
Bravada	Oldsmobile
Breeze	Plymouth
Breezeway	Mercury
Bronco	Ford
Bronco II	Ford
Brooklands	Bentley
Brookwood	Chevrolet
Brougham	Cadillac
Brougham	Sterling
Bullet	Sterling
C	Ford
C-1	Dodge
C-3	Dodge
C-Series Kodiak	Chevrolet
C-Series Topkick	GMC
C-Type	Jaguar
C-V8	Jensen
C10	Chevrolet
C10 Panel	Chevrolet
C10 Pickup	Chevrolet
C10 Suburban	Chevrolet
C100	International
C1000	International
C100 Pickup	GMC
C102	International
C110	International
C1100	International
C112	International
C120	International
C1200	International
C122	International
C130	International
C1300	International
C132	International
C15	GMC
C15 Suburban	GMC
C15/C1500 Pickup	GMC
C15/C1500	Mercedes-Benz
Suburban	GMC
C1500	Chevrolet
C1500	GMC
C1500 Suburban	Chevrolet
C1500 Suburban	GMC
C20	Chevrolet
C20 Panel	Chevrolet
C20 Pickup	Chevrolet

Model	Make
C20 Suburban	Chevrolet
C220	Mercedes-Benz
C230	Mercedes-Benz
C240	Mercedes-Benz
635CSi	BMW
C25	GMC
C25 Suburban	GMC
C25/C2500 Pickup	GMC
C25/C2500	GMC
Suburban	International
C2500	Chevrolet
C2500	GMC
C2500 Suburban	Chevrolet
C30	Chevrolet
C30	Volvo
C30 Panel	Chevrolet
C30 Pickup	Chevrolet
C300	Mercedes-Benz
C32 AMG	Mercedes-Benz
C320	Mercedes-Benz
C35	GMC
C35/C3500 Pickup	GMC
C350	Mercedes-Benz
C3500	Chevrolet
C3500	GMC
C36 AMG	Mercedes-Benz
C43 AMG	Mercedes-Benz
C4500 Kodiak	Chevrolet
C4500 Topkick	GMC
C50	Chevrolet
C5000	GMC
C5000 Topkick	GMC
C60	Chevrolet
C60 Kodiak	Chevrolet
C6000	GMC
C6000 Topkick	GMC
C63 AMG	Mercedes-Benz
C6500 Kodiak	Chevrolet
C6500 Topkick	GMC
C70	Chevrolet
C70	Volvo
C70 Kodiak	Chevrolet
C7000	GMC
C7000 Topkick	GMC
C7500 Kodiak	Chevrolet
C7500 Topkick	GMC
C900	International

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Model	Make
Caballero	GMC
Cabrio	Volkswagen
Cabrio	Yugo
Cabrioleet	Audi
Cabrioleet	Volkswagen
Calais	Cadillac
Calais	Oldsmobile
Caliber	Dodge
Caliente	Mercury
California	Ferrari
Camargue	Rolls Royce
Camaro	Chevrolet
Cambridge	Austin
Cambridge	Plymouth
Campmobile	Volkswagen
Camry	Toyota
Canyon	GMC
Capri	Ford
Capri	Lincoln
Capri	Mercury
Caprice	Chevrolet
Caravan	Dodge
Caravan	Opel
Caravelle	Plymouth
Caravelle	Renault
Cargo	Freightliner
Cargo	Sterling
Cargostar	International
Caribbean	Packard
Carina	Toyota
Carolina	Kaiser
Carrera	Porsche
Carrera GT	Porsche
Catalina	Pontiac
Catera	Cadillac
Cavalier	Chevrolet
Cavalier	Packard
Cayenne	Porsche
Cayman	Porsche
CB300	Dodge
CC	Volkswagen
Celebrity	Chevrolet
Celica	Toyota
Centurion	Buick
Century	Buick
CF	Ford
CF	International
Challenger	Dodge
Challenger	Studebaker
Champ	Plymouth
Champ	Studebaker

Model	Make
Champion	Studebaker
Charade	Daihatsu
Charger	Dodge
Cherokee	Jeep
Chevelle	Chevrolet
Chevette	Chevrolet
Chevy II	Chevrolet
Chieftain	Pontiac
Cimarron	Cadillac
Cinq	Simca
Cirrus	Chrysler
Citation	Chevrolet
Citation	Edsel
Citation II	Chevrolet
Civic	Honda
Civic del Sol	Honda
CJ3	Jeep
CJ5	Jeep
CJ5A	Jeep
CJ6	Jeep
CJ6A	Jeep
CJ7	Jeep
CL	Acura
CL500	Mercedes-Benz
CL55 AMG	Mercedes-Benz
CL550	Mercedes-Benz
CL600	Mercedes-Benz
CL63 AMG	Mercedes-Benz
CL65 AMG	Mercedes-Benz
Classic	American Motors
Classic	Chevrolet
Clipper	Packard
CLK320	Mercedes-Benz
CLK350	Mercedes-Benz
CLK430	Mercedes-Benz
CLK500	Mercedes-Benz
CLK55 AMG	Mercedes-Benz
CLK550	Mercedes-Benz
CLK63 AMG	Mercedes-Benz
CLS500	Mercedes-Benz
CLS55 AMG	Mercedes-Benz
CLS550	Mercedes-Benz
CLS63 AMG	Mercedes-Benz
Club	Ford
Club Wagon	Ford
Cobalt	Chevrolet
Cobra	Shelby
Colony Park	Mercury
Colorado	Chevrolet
Colt	Dodge
Colt	Plymouth

Model	Make
Comanche	Jeep
Comet	Mercury
Commander	Jeep
Commander	Studebaker
Commando	Jeep
Commercial Chassis	Buick
Commercial Chassis	Cadillac
Commercial Chassis	Chevrolet
Commercial Chassis	Hudson
Commuter	Mercury
Compass	Jeep
Concord	American Motors
Concord	Plymouth
Concorde	Chrysler
Conquest	Chrysler
Conquest	Daimler
Conquest	Dodge
Conquest	Plymouth
Consul	Ford
Continental	Bentley
Continental	Cunningham
Continental	Frazer Nash
Continental	Lincoln
Contour	Ford
Cooper	Mini
Cordia	Mitsubishi
Cordoba	Chrysler
Corniche	Bentley
Corniche	Rolls Royce
Corniche II	Rolls Royce
Corniche IV	Rolls Royce
Corniche S	Rolls Royce
Corolla	Toyota
Corona	Toyota
Coronet	Dodge
Corrado	Volkswagen
Corsair	Edsel
Corsair	Henry J
Corsaire	Marathon
Corsica	Chevrolet
Cortina	Ford
Corvair	Chevrolet
Corvette	Chevrolet
Cosmo	Mazda
Cosmopolitan	Lincoln
Cougar	Mercury
Countach	Lamborghini
Country Cruiser	Mercury

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Model	Make
Country Sedan	Ford
Country Squire	Ford
Countryman	Austin
Coupe	Audi
Coupe	Maserati
Coupe Quattro	Audi
Courier	Elva
Courier	Ford
Courier Sedan	Ford
Delivery	Ford
Coventry Climax	Turner
CR-V	Honda
Cranbrook	Plymouth
Cressida	Toyota
Crestline	Ford
Cricket	Plymouth
Crossfire	Chrysler
Crown	Toyopet
Crown	Toyota
Crown Victoria	Ford
Cruiser	Studebaker
CRX	Honda
CS-Series	Mack
Mid-Liner	Mack
CSX	Acura
CTS	Cadillac
Cube	Nissan
Cuda	Plymouth
Custom	American Motors
Custom	Dodge
Custom	Ford
Custom	Lincoln
Custom	Mercury
Custom	Plymouth
Custom 300	Ford
Custom 500	Ford
Custom Cruiser	Oldsmobile
Custom Eight	Packard
Customline	Ford
Cutlass	Oldsmobile
Cutlass Calais	Oldsmobile
Cutlass Ciera	Oldsmobile
Cutlass Cruiser	Oldsmobile
Cutlass Salon	Oldsmobile
Cutlass Supreme	Oldsmobile
CutlassTiara	Oldsmobile
CX-7	Mazda
CX-9	Mazda
Cyclone	Mercury
D Special	Citroen
D-Type	Jaguar

Model	Make
D100 Pickup	Dodge
D100 Series	Dodge
D100	Dodge
D1000	International
D1100	International
D1200	International
D150	Dodge
D200	Dodge
D200 Pickup	Dodge
D200 Series	Dodge
D21	Citroen
D21	Nissan
D250	Dodge
D300	Dodge
D300	International
D300 Pickup	Dodge
D300 Series	Dodge
D350	Dodge
D400	Dodge
D450	Dodge
D50	Dodge
D500	Dodge
D501	Dodge
D6	Delage
D900	International
Daffodil	DAF
Daina	Siata
Dakota	Dodge
Darrin	Darrin
Darrin	Kaiser
Dart	Dodge
Dasher	Volkswagen
Dauphine	Renault
Daytona	Chrysler
Dayton	Dodge
Daytona	Studebaker
DB	Aston Martin
DB18	Daimler
DB2	Aston Martin
DB2-4	Aston Martin
DB3	Aston Martin
DB4	Aston Martin
DB5	Aston Martin
DB6	Aston Martin
DB7	Aston Martin
DB9	Aston Martin
DBD	Aston Martin
DBS	Aston Martin
DE27	Daimler
DE36	Daimler
Defender 110	Land Rover

Model	Make
Defender 90	Land Rover
Del Ray	Chevrolet
Del Rio Wagon	Ford
Delmont 88	Oldsmobile
Delta 88	Oldsmobile
Deluxe	American Motors
Deluxe	Arnolt-Bristol
Deluxe	Checker
Deluxe	Dodge
Deluxe	Ford
Deluxe	Henry J
Deluxe	Kaiser
Deluxe	Opel
Deluxe	Plymouth
Deluxe	Studebaker
Deluxe	Subaru
Deluxe 88	Oldsmobile
Deluxe Eight	Packard
DeSoto	DeSoto
DeVille	Cadillac
Devon	Austin
Diablo	Lamborghini
Diamante	Mitsubishi
Dino 206 GT	Ferrari
Dino 246 GT	Ferrari
Dino 246 GTS	Ferrari
Dino 308 GT4	Ferrari
Diplomat	Dodge
Discovery	Land Rover
Dispatcher	Jeep
DJ3	Jeep
DJ5	Jeep
DJ6	Jeep
Djet5	Matra
Djet6 Luxe	Matra
DK400	Daimler
DL	Subaru
DL	Volvo
DM10	International
DMC 12	DeLorean
Doretti	Swallow
Dragon	Kaiser
DS19	Citroen
DS21	Citroen
DS21 Pallas	Citroen
DTS	Cadillac
Duetto 1600	Alfa Romeo
Duplex	Stutz
Durango	Dodge
Duster	Plymouth
Dyna	Panhard

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Model	Make
Dynamic	Oldsmobile
Dynasty	Chrysler
Dynasty	Dodge
E	Isuzu
E Class	Chrysler
E-100 Econoline	Ford
E-100 Econoline Club Wagon	Oldsmobile
E-150	Ford
E-150 Club Wagon	Ford
E-150 Econoline	Ford
E-150 Econoline Club Wagon	Ford
E-200 Econoline	Ford
E-250	Ford
E-250 Econoline	Ford
E-250 Econoline Club Wagon	Ford
E-250 Super Duty	Ford
E-300 Econoline	Ford
E-350	Ford
E-350 Club Wagon	Ford
E-350 Econoline	Ford
E-350 Econoline Club Wagon	Ford
E-350 Super Duty	Ford
E-450 Econoline Super Duty	Ford
E-450 Econoline Super Duty Stripped	Ford
E-450 Super Duty	Ford
E-450 Super Duty Stripped Chassis	Ford
E-550 Econoline Super Duty	Ford
E10	Studebaker
E12	Studebaker
E300	Mercedes-Benz
E320	Mercedes-Benz
E350	Mercedes-Benz
E420	Mercedes-Benz
E430	Mercedes-Benz
E5	Studebaker
E500	Mercedes-Benz
E55 AMG	Mercedes-Benz
E550	Mercedes-Benz
E63 AMG	Mercedes-Benz
E7	Studebaker
Eagle	American Motors
Echo	Toyota
Eclat	Lotus

Model	Make
Eclipse	Mitsubishi
Econoline	Ford
Econoline Super Duty	Ford
Edge	Ford
Eight	Bentley
Eighteen	Lea-Francis
EL	Acura
El Camino	Chevrolet
Elan	Lotus
Elantra	Hyundai
Eldorado	Cadillac
Electra	Buick
Electrina	Fairthorpe
Electron	Fairthorpe
Element	Honda
Elf I	Riley
Elise	Lotus
Elite	Ford
Elite	Lotus
Empress	Daimler
Enclave	Buick
Encore	Renault
Endeavor	Mitsubishi
Entourage	Hyundai
Envoy	GMC
Enzo	Ferrari
Eos	Volkswagen
Epica	Chevrolet
Equator	Mercedes-Benz
Equinox	Chevrolet
ES250	Lexus
ES300	Lexus
ES330	Lexus
ES350	Lexus
Escalade	Cadillac
Escape	Ford
Escort	Ford
Espada	Lamborghini
Esperante	Panoz
Espirit	Lotus
Estate Wagon	Buick
Esteem	Suzuki
Europa	Lotus
EuroVan	Volkswagen
EV Plus	Honda
EX35	Infiniti
Excel	Hyundai
Excellence	Facel Vega
Excursion	Ford
Executive	Packard

Model	Make
Executive	Pontiac
Executive Limousine	Chrysler
Executive Sedan	Chrysler
Exige	Lotus
EXP	Ford
Expedition	Ford
Explorer	Ford
Explorer Sport Trac	Ford
Expo	Mitsubishi
Expo	Plymouth
Expo LRV	Mitsubishi
Express 1500	Chevrolet
Express 2500	Chevrolet
Express 3500	Chevrolet
F	Ford
F	Isuzu
F Series	Ford
F Super Duty	Ford
F-100	Ford
F-100 Pickup	Ford
F-134	Jeep
F-150	Ford
F-150 Heritage	Ford
F-250	Ford
F-250 Pickup	Ford
F-250 Super Duty	Ford
F-350	Ford
F-350 Pickup	Ford
F-350 Super Duty	Ford
F-450 Super Duty	Ford
F-500	Ford
F-550 Super Duty	Ford
F10	Nissan
F11	DKW
F12	DKW
F355	Ferrari
F355 Berlinetta	Ferrari
F355 F1	Ferrari
F355GTS	Ferrari
F355 Spider	Ferrari
F4	Jeep
F40	Ferrari
F430	Ferrari
F50	Ferrari
F53	Ford
F59	Ford
F85	Oldsmobile
FA	Hino
Facel 6	Facel Vega
Facel II	Facel Vega

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Model	Make
Facel III	Facel Vega
Facellia	Facel Vega
Fairlane	Ford
Fairmont	Ford
Falcon	Ford
Falcon Sedan Delivery	Ford
Fast Roadster	Frazer Nash
Fastback	Volkswagen
FB	Hino
FC150	Jeep
FC170	Jeep
FC170HD	Jeep
FD	Hino
FE	Hino
FE	Mitsubishi Fuso
FE	Subaru
FE-CA	Mitsubishi Fuso
FE-HD	Mitsubishi Fuso
FE-SP	Mitsubishi Fuso
FE120	Mitsubishi Fuso
FE140	Mitsubishi Fuso
FE145	Mitsubishi Fuso
FE145CC	Mitsubishi Fuso
FE180	Mitsubishi Fuso
Felicia	Skoda
Festiva	Ford
FF	Hino
FG	Hino
FG	Mitsubishi Fuso
FG140	Mitsubishi Fuso
FH	Mitsubishi Fuso
Fiero	Pontiac
Fiesta	Ford
Fiesta	Oldsmobile
Fifth Avenue	Chrysler
Firebird	Pontiac
Firedome	DeSoto
Fireflite	DeSoto
Firefly	Pontiac
Firenza	Oldsmobile
Firesweep	DeSoto
Fit	Honda
Five Hundred	Ford
FJ Cruiser	Toyota
FJ3	Jeep
FJ3A	Jeep
FK	Mitsubishi Fuso
FK200	Mitsubishi Fuso
FK260	Mitsubishi Fuso
FL-Series Business	Freightliner

Model	Make
Flaminia	Lancia
Flavia	Lancia
Fleet Special	Plymouth
Fleetline	Chevrolet
Fleetmaster	Chevrolet
Fleetwood	CADillac
Flex	Ford
Flight Hawk	Studebaker
Flying Spur	Rolls Royce
FM	Mitsubishi Fuso
FM-HR	Mitsubishi Fuso
FM-MR	Mitsubishi Fuso
FM-SP	Mitsubishi Fuso
FM-SR	Mitsubishi Fuso
FM260	Mitsubishi Fuso
FM330	Mitsubishi Fuso
Focus	Ford
Ford	Ford
Ford 300	Ford
Forenza	Suzuki
Forester	Subaru
Forsa	Suzuki
Forte	Kia
Fortwo	Smart
Four-Hundred	Packard
Foursome Cabriolet	Frazer Nash
Fourteen	Lea-Francis
Fox	Audi
Fox	Volkswagen
Frazer	Frazer
Freelander	Land Rover
Freestar	Ford
Freestyle	Ford
Fregate	Renault
Frontier	Nissan
FT	Ford
Fuego	Renault
Fulvia	Lancia
Fury	Plymouth
Fury I	Plymouth
Fury II	Plymouth
Fury III	Plymouth
Fusion	Ford
FV	Facel Vega
FV1	Facel Vega
FVS	Facel Vega
FX35	Infiniti
FX45	Infiniti
FX50	Infiniti
G10	Chevrolet
G10 Van	Chevrolet

Model	Make
G1000 Series	GMC
G15	GMC
G15/G1500 Van	GMC
G1500	GMC
G20	Chevrolet
G20	Infiniti
G20 Van	Chevrolet
G25	GMC
G25/G2500 Van	GMC
G2500	GMC
G3	Pontiac
G30	Chevrolet
G30 Van	Chevrolet
G35	GMC
G35	Infiniti
G35/G3500 Van	GMC
G3500	GMC
G37	Infiniti
G5	Pontiac
G500	Mercedes-Benz
G55 AMB	Mercedes-Benz
G550	Mercedes-Benz
G6	Pontiac
G8	Pontiac
Galant	Mitsubishi
Galaxie	Ford
Galaxie 500	Ford
Gallardo	Lamborghini
Gazelle	Singer
GC	Hino
Genesis	Hyundai
Genesis Coupe	Hyundai
GF	Subaru
Ghibli	Maerati
Giulia	Alfa Romeo
Giulia Sprint	Alfa Romeo
Giulietta	Alfa Romeo
GL	Subaru
GL-10	Subaru
GL320	Mercedes-Benz
GL350	Mercedes-Benz
GL450	Mercedes-Benz
GL550	Mercedes-Benz
Gladiator	Jeep
GLC	Mazda
GLE	Volvo
GLF	Subaru
GLK350	Mercedes-Benz
Golden Hawk	Studebaker
Golf	Volkswagen
Gordini	Renault

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Model	Make
GP700	Goliath
GP900	Goliath
Gran	Studebaker
Gran Fury	Plymouth
Gran Sport	Buick
Gran Torino	Ford
Granada	Ford
Grand Am	Pontiac
Grand Caravan	Dodge
Grand Cherokee	Jeep
Grand LeMans	Pontiac
Grand Marquis	Mercury
Grand Prix	Pontiac
Grand Safari	Pontiac
Grand Vitara	Suzuki
Grand Voyager	Chrysler
Grand Voyager	Plymouth
Grand Wagoneer	Jeep
Grandville	Pontiac
GranSport	Maserati
Grantura	TVR
GranTurismo	Maserati
Gregoire	Hotchkiss
Gremlin	American Motors
Greyhound	AC
Griffith	Griffith
Griffith	TVR
Grifo	Iso
GS	Buick
GS 350	Buick
GS 400	Buick
GS 455	Buick
GS300	Lexus
GS350	Lexus
GS400	Lexus
GS430	Lexus
GS450h	Lexus
GS460	Lexus
GT	Asuna
GT	Ford
GT	Marcos
GT	Peerless
GT America	Bizzarrini
GT Strada 5300	Bizzarrini
GT Veloce	Alfa Romeo
GT-R	Nissan
GT40	Ford
GT6	Triumph
GT750	Saab
GT850	Saab
GTA	Alfa Romeo

Model	Make
GTC	Alfa Romeo
GTI	Volkswagen
GTO	Ferrari
GTO	Pontiac
GTV	Alfa Romeo
GTV-6	Alfa Romeo
GTX	Plymouth
GTZ	Alfa Romeo
GV	Yugo
GVL	Yugo
GVS	Yugo
GVX	Yugo
GX460	Lexus
GX470	Lexus
H	Isuzu
H1	Hummer
H2	Hummer
H3	Hummer
H3T	Hummer
Hansa 1500	Borgward
Hansa 1800	Borgward
Hansa 2400	Borgward
Hawk	Humber
Hawk	Packard
Hawk	Studebaker
Healey	Healey
Healey	Jensen
Healey 100	Austin
Healey 100-6	Austin
Healey 3000	Austin
Healey Sprite	Austin
Herald	Triumph
Hereford	Austin
HHR	Chevrolet
Highlander	Toyota
HK500	Facel Vega
Hombre	Isuzu
Horizon	Plymouth
Hornet	American Motors
Hornet	Hudson
Hornet Special	Hudson
Hot Shot	Crosley
Huit	Simca
Hummer	AM General
Hurricane	Armstrong-Sidde
Husky	Hillman
i-280	Isuzu
i-290	Isuzu
i-350	Isuzu
i-370	Isuzu
I-Mark	Isuzu

Model	Make
I30	Infiniti
I35	Infiniti
ID19	Citroen
II	Avanti
Impala	Chevrolet
Imperial	Chrysler
Imperial	Humber
Impreza	Subaru
Impulse	Isuzu
Indy	Maserati
Insight	Honda
Integra	Acura
Interceptor	Jensen
Intrepid	Chrysler
Intrepid	Dodge
Intrigue	Oldsmobile
Invicta	Buick
Ion	Saturn
Ion-1	Saturn
Ion-2	Saturn
Ion-3	Saturn
IS F	Lexus
IS250	Lexus
IS300	Lexus
IS350	Lexus
Isabella	Borgward
Isetta	BMW
Islero	Lamborghini
Italia	Hudson
J-100	Jeep
J-200	Jeep
J-210	Jeep
J-220	Jeep
J-230	Jeep
J-2500	Jeep
J-2600	Jeep
J-2700	Jeep
J-2800	Jeep
J-300	Jeep
J-310	Jeep
J-320	Jeep
J-330	Jeep
J-3500	Jeep
J-3600	Jeep
J-3700	Jeep
J-3800	Jeep
J-4500	Jeep
J-4600	Jeep
J-4700	Jeep
J-4800	Jeep
J10	Jeep

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Model	Make
J2	Allard
J20	Jeep
J2000	Pontiac
J2000 Sunbird	Pontiac
J2X	Allard
J30	Infiniti
Jalpa	Lamborghini
Janus 250	Zundapp
Jarama	Lamborghini
Javelin	American Motors
Javelin	Jowett
Jeepster	Jeep
Jet	Hudson
Jetfire	Oldsmobile
Jetliner	Hudson
Jetstar 88	Oldsmobile
Jetstar I	Oldsmobile
Jetta	Volkswagen
Jimmy	GMC
Journey	Dodge
Junior Deluxe	DKW
Jupiter	Jowett
Justy	Subaru
K Series	Kenworth
K10	Chevrolet
K10 Pickup	Chevrolet
K10 Suburban	Chevrolet
K1000 Pickup	GMC
K15	GMC
K15 Surburban	GMC
K15/K1500 Pickup	GMC
K15/K1500 Suburban	GMC
K1500	Chevrolet
K1500	Ford
K1500 Surburban	Chevrolet
K1500 Surburban	GMC
K2	Allard
K20	Chevrolet
K20 Panel	Chevrolet
K20 Pickup	Chevrolet
K20 Suburban	Chevrolet
K25	GMC
K25 Suburban	GMC
K25/K2500 Pickup	GMC
K25/K2500 Suburban	GMC
K2500	Chevrolet
K2500	GMC
K2500 Suburban	Chevrolet
K2500 Suburban	GMC

Model	Make
K3	Allard
K30	Chevrolet
K30 Pickup	Chevrolet
K35	GMC
K35/K3500 Pickup	GMC
K3500	Chevrolet
K3500	GMC
K5 Blazer	Chevrolet
Kadett	Opel
Kapitan	Opel
Karmann Ghia	Volkswagen
Khamsin	Maserati
Kingswood	Chevrolet
KR175	Messerschmitt
KR200	Messerschmitt
L	Ford
L-Line	Sterling
L/600	Lloyd
L100	Saturn
L110	International
L111	International
L112	International
L120	International
L121	International
L122	International
L150	International
L151	International
L153	International
L200	Saturn
L300	Saturn
L300-1	Saturn
L300-2	Saturn
L300-3	Saturn
L6	BMW
L6.4	Dual-Ghia
L7	BMW
LaCrosse	Buick
Laforza	Laforza
Lagonda	Aston Martin
Laguna	Chevrolet
Lancaster	Armstrong-Sidde
Lancer	Dodge
Lancer	Mitsubishi
Land Cruiser	Toyota
Land Rover	Land Rover
Lanos	Daewoo
Lark	Studebaker
Laser	Chrysler
Laser	Plymouth
Laurentian	Pontiac
LB140	International

Model	Make
LCF	Ford
Le Mans Coupe	Frazer Nash
Le mans Replica	Frazer Nash
LeBaron	Chrysler
LeCar	Renault
Leda	Lanchester
Legacy	Subaru
Leganza	Daewoo
Legend	Acura
Lele	Iso
LeMans	Pontiac
LeSabre	Buick
LHS	Chrysler
Liberty	Jeep
Limited	Buick
Limited	Excalibur
Limousine	Stutz
Lincoln	Lincoln
Lincoln Series	Lincoln
LJ81	Suzuki
LLV	Chevrolet
LM American	Lamborghini
LM002	Lamborghini
LM120	International
LM121	International
LM122	International
LM150	International
LM151	International
LN	Ford
LN7	Mercury
Loyale	Subaru
LR2	Land Rover
LR3	Land Rover
LR4	Land Rover
LS	Lincoln
LS	Saturn
LS1	Saturn
LS2	Saturn
LS400	Lexus
LS430	Lexus
LS460	Lexus
LS600h	Lexus
LSS	Oldsmobile
LTD	Ford
LTD Crown Victoria	Ford
LTD II	Ford
Lucerne	Buick
Lumina	Chevrolet
Lumina APV	Chevrolet
LUV	Chevrolet
Luv Pickup	Chevrolet



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Model	Make
LW1	Saturn
LW2	Saturn
LW200	Saturn
LW300	Saturn
LX450	Lexus
LX470	Lexus
LX570	Lexus
Lynx	Mercury
M	Isuzu
M Series Van	International
M-400	Ford
M-450	Ford
M1100	International
M1200	International
M1400	International
M2-Series Business Class	Freightliner
M3	BMW
M30	Infiniti
M300	Dodge
M35	Infiniti
M350	Dodge
M45	Infiniti
M5	BMW
M6	BMW
M800	International
M800 Navy	International
M800 Post Office	International
MA1200	International
Magentis	Kia
Magnette	MG
Magnum	Dodge
Mainline	Ford
Majestic Major	Daimler
Malibu	Chevrolet
Mangusta	DeTomaso
Mangusta	Qvale
Manhattan	Frazer
Manhattan	Kaiser
Manta	Opel
Marathon	Checker
Marauder	Mercury
Marina	Austin
Mariner	Mercury
Mark B	Bond
Mark C	Bond
Mark D	Bond
Mark E	Bond
Mark II	Lincoln
Mark II	Toyota
Mark III	Lincoln

Model	Make
Mark IV	Lincoln
Mark IX	Jaguar
Mark LT	Lincoln
Mark V	Jaguar
Mark V	Lincoln
Mark VI	Lincoln
Mark VII	Jaguar
Mark VII	Lincoln
Mark VIII	Jaguar
Mark VIII	Lincoln
Mark X	Jaguar
Marlin	American Motors
Marquis	Mercury
Matador	American Motors
Matador	Dodge
Matrix	Toyota
Maverick	Ford
Maxima	Nissan
Mayflower	Triumph
MB-Series Business Class	Freightliner
MDX	Acura
Meadowbrook	Dodge
Medalist	Mercury
Medallion	Eagle
Merak	Maserati
Healey	Healey
Healey	Jensen
Healey 100	Austin
Healey 100-6	Austin
Mercury	Mercury
Meteor	Mercury
Metro	Chevrolet
Metro	Geo
Mexico	Maserati
MGA	MG
MGB	MG
MGC	MG
MHC1310	International
Miata	Mazda
Micra	Nissan
Midget	MG
Mighty Max	Mitsubishi
Milan	Mercury
Milano	Alfa Romeo
Mille Miglia	Frazer Nash
Millenia	Mazda
Mini	Austin
Mini Cooper	Austin
Mini Moke	Austin
Mini Ram	Dodge
Minor	Morris
Minx	Hillman
Mirada	Dodge
Mirage	Mitsubishi

Model	Make
Mistral	Maserati
Miura	Lamborghini
Mizer	Mazda
MK IIC	Dellow
MK IIE	Dellow
MK III	Dellow
MK III	Sunbeam
MKV	Dellow
Mk	Bentley
Mk	Dellow
MKS	Lincoln
MKT	Lincoln
MKX	Lincoln
MKZ	Lincoln
ML320	Mercedes-Benz
ML350	Mercedes-Benz
ML430	Mercedes-Benz
ML450	Mercedes-Benz
ML500	Mercedes-Benz
ML55 AMG	Mercedes-Benz
ML550	Mercedes-Benz
ML63 AMG	Mercedes-Benz
Monaco	Dodge
Monarch	Mercury
Mondial	Ferrari
Mondial 3.2	Ferrari
Mondial 8	Ferrari
Mondial t	Ferrari
Montana	Pontiac
Montclair	Mercury
Monte Carlo	Allard
Monte Carlo	Chevrolet
Monte Carlo	Saab
Montego	Mercury
Monterey	Mercury
Montero	Mitsubishi
Montero Sport	Mitsubishi
Montreal	Alfa Romeo
Monza	Chevrolet
Mountaineer	Mercury
MPV	Mazda
MR2	Toyota
MR2 Spyder	Toyota
MS	International
MS-Series Mid- Liner	Mack
MS1210	International
Mulsanne	Bentley
Multi	Nissan
Murano	Nissan
Murcielago	Lamborghini

# Index by Model

Model	Make
Mustang	Ford
Mustang II	Ford
MX-3	Mazda
MX-5 Miata	Mazda
MX-6	Mazda
Mystique	Mercury
N	Isuzu
Nash-Healey	Nash
Nassau	Chrysler
Navajo	Mazda
Navigator	Lincoln
Neon	Chrysler
Neon	Dodge
Neon	Plymouth
New Yorker	Chrysler
Newport	Chrysler
Nine	Singer
Nitro	Dodge
Niva	Lada
Nova	Chevrolet
NSX	Acura
Nubira	Daewoo
NX	Nissan
Oasis	Isuzu
Octavia	Skoda
Odyssey	Honda
Olympia	Opel
Olympia Rekord	Opel
Omega	Oldsmobile
Omni	Dodge
One-Fifty Series	Chevrolet
Opel	Buick
Opel	Opel
Optima	Kia
Optima	Pontiac
Optra	Chevrolet
Outback	Subaru
Outlander	Mitsubishi
Outlook	Saturn
Oxford	Morris
P-100	Ford
P-350	Ford
P-400	Ford
P-500	Ford
P10	Chevrolet
P10 Series	Chevrolet
P10 Van	Chevrolet
P100	Dodge
P15	GMC
P15/P1500 Van	GMC
P1500	GMC

Model	Make
P152	GMC
P20	Chevrolet
P20 Series	Chevrolet
P20 Van	Chevrolet
P200	Dodge
P25	GMC
P25/P2500 Van	GMC
P2500	GMC
P252	GMC
P253	GMC
P30	Chevrolet
P30	Workhorse
P30 Series	Chevrolet
P30 Van	Chevrolet
P300	Dodge
P300 Series	Dodge
P310 Series	Dodge
P320 Series	Dodge
P35	GMC
P35/P3500 Van	GMC
P3500	GMC
P375	Dodge
P400 Series	Dodge
P410 Series	Dodge
P420 Series	Dodge
P450 Series	Dodge
Pacemaker	Hudson
Pacer	American Motors
Pacer	Edsel
Pacifica	Chrysler
Packard	Packard
Palm Beach	Allard
Panamera	Porsche
Pantera	DeTomaso
Parisienne	Pontiac
Park Avenue	Buick
Park Lane	Mercury
Park Lane Wagon	Ford
Park Ward	Rolls Royce
Parklane	Mercury
Paseo	Toyota
Passat	Volkswagen
Passat CC	Volkswagen
Passport	Honda
Pathfinder	Nissan
Pathfinder	Riley
Patrician	Packard
Patriot	Jeep
PB100	Plymouth
PB100 Van	Plymouth
PB1000 Series	GMC

Model	Make
PB15 Series	GMC
PB150	Plymouth
PB1500 Series	GMC
PB200	Plymouth
PB200 Van	Plymouth
PB25 Series	GMC
PB250	Plymouth
PB2500 Series	GMC
PB300	Plymouth
PB300 Van	Plymouth
PB350	Plymouth
Phaeton	Excalibur
Phaeton	Volkswagen
Phantom	Rolls Royce
Phoenix	Pontiac
Pickup	Isuzu
Pickup	Nissan
Pickup	Toyota
Pilot	Honda
Pinto	Ford
Pirate	Marathon
PL-17	Panhard
Plaza	Plymouth
Plus 8	Morgan
Plus Four	Morgan
PM150	GMC
PM151	GMC
PM152	GMC
PM153	GMC
PM251	GMC
PM252	GMC
PM253	GMC
Polara	Dodge
Pony	Hyundai
Power Hawk	Studebaker
Power Ram 50	Dodge
Power Wagon	Dodge
Powermaster	DeSoto
Precis	Mitsubishi
Prefect	Ford
Prelude	Honda
Premier	Eagle
Premier	Lincoln
President	Studebaker
Previa	Toyota
Princess	Austin
Prinz	NSU
Prius	Toyota
Prizm	Chevrolet
Prizm	Geo
Probe	Ford

# Index by Model

Model	Make
Protege	Mazda
Protege5	Mazda
Prowler	Chrysler
Prowler	Plymouth
PT Cruiser	Chrysler
Pullman	Humber
Pulsar	Nissan
Pulsar NX	Nissan
Pursuit	Pontiac
PV1000	GMC
Q45	Infiniti
Q5	Audi
Q7	Audi
QB105	Berkeley
QB95	Berkeley
Quantum	Volkswagen
Quattro	Audi
Quattroporte	Maserati
Quest	Nissan
QX4	Infiniti
QX56	Infiniti
R Type	Bentley
R10	Chevrolet
R10	Renault
R10 Suburban	Chevrolet
R100	International
R100	Mazda
R102	International
R110	International
R111	International
R112	International
R12	Renault
R120	International
R121	International
R122	International
R130	International
R131	International
R132	International
R15	Renault
R1500	GMC
R1500 Suburban	Chevrolet
R1500 Suburban	GMC
R16	Renault
R17	Renault
R18	Renault
R18i	Renault
R20	Chevrolet
R20 Suburban	Chevrolet
R2500	Chevrolet
R2500	GMC
R2500 Suburban	Chevrolet

Model	Make
R2500 Suburban	GMC
R30	Chevrolet
R32	Volkswagen
R320	Mercedes-Benz
R350	Mercedes-Benz
R3500	Chevrolet
R3500	GMC
R5	Renault
R500	Mercedes-Benz
R63 AMG	Mercedes-Benz
R8	Audi
R8	Renault
RA120	International
RA121	International
RA122	International
Rabbit	Volkswagen
Rabbit Convertible	Volkswagen
Raider	Dodge
Raider	Mitsubishi
Rainier	Buick
Rallye	Opel
Ram 1500	Dodge
Ram 2500	Dodge
Ram 3500	Dodge
Ram 4500	Dodge
Ram 50	Dodge
Ram 5500	Dodge
Rambler	American Motors
Rambler	Hudson
Rambler	Nash
Ramcharger	Dodge
Rampage	Dodge
Ranch Wagon	Ford
Ranchero	Ford
Randonee	Salmson
Range Rover	Land Rover
Range Rover Sport	Land Rover
Ranger	Edsel
Ranger	Ford
Rapide	Lagonda
Rapier	Sunbeam
RAV4	Toyota
RD200	Dodge
RDX	Acura
Reatta	Buick
Rebel	American Motors
Rebel	Reliant
Regal	Buick
Regal	Reliant
Regency	Daimler
Regency	Oldsmobile

Model	Make
Regina	Daimier
Relay-1	Saturn
Relay-2	Saturn
Relay-3	Saturn
Reliant	Plymouth
Rendezvous	Buick
Reno	Suzuki
Renown	Triumph
Ridgeline	Honda
Rio	Kia
Rio5	Kia
Riviera	Buick
Rivolta	Iso
RL	Acura
RM120	International
RM121	International
RM122	International
Ro 80	NSU
Roadmaster	Buick
Roadmaster Series 70	Buick
Roadrunner	Plymouth
Roadster	Morgan
Rocky	Daihatsu
Rodeo	Isuzu
Rodeo Sport	Isuzu
Rogue	Nissan
Rondo	Kia
Rotary Pickup	Mazda
Roundup	Edsel
Routan	Volkswagen
Royal	Chrysler
Royal	Dodge
Royal Mini Ram	Dodge
Royal Monaco	Dodge
RS4	Audi
RS6	Audi
RSX	Acura
RX	Subaru
RX-2	Mazda
RX-3	Mazda
RX-4	Mazda
RX-7	Mazda
RX-8	Mazda
RX300	Lexus
RX330	Lexus
RX350	Lexus
RX400h	Lexus
RX450h	Lexus
S-14	DeSoto
S-15	DeSoto

# Index by Model

Model	Make
S-55	Mercury
S-Type	Jaguar
S1 Series	Bentley
S10	Chevrolet
S10 Blazer	Chevrolet
S100	International
S102	International
S110	International
S112	International
S120	International
S122	International
S130	International
S132	International
S15	GMC
S15 Jimmy	GMC
S1600	International
S1700	International
S1800	International
S1900	International
S2 Series	Bentley
S2000	Honda
S2100	International
S2200	International
S2300	International
S2500	International
S3 Series	Bentley
S320	Mercedes-Benz
S350	Mercedes-Benz
S4	Audi
S4 Fidia	Iso
S40	Volvo
S400	Mercedes-Benz
S420	Mercedes-Benz
S430	Mercedes-Benz
S440	Skoda
S445	Skoda
S450	Mercedes-Benz
S5	Audi
S500	Mercedes-Benz
S55 AMG	Mercedes-Benz
S550	Mercedes-Benz
S6	Audi
S60	Volvo
S600	Mercedes-Benz
S63 AMG	Mercedes-Benz
S65 AMG	Mercedes-Benz
S7	Saleen
S70	Volvo
S8	Audi
S80	Volvo
S90	Volvo

Model	Make
SA120	International
SA122	International
SA310	Suzuki
Sable	Mercury
Sabre	Reliant
Safari	Allard
Safari	GMC
Safari	Pontiac
Samara	Lada
Samurai	Suzuki
Santa Fe	Hyundai
Sapphire	Armstrong-Sidde
Sapporo	Plymouth
Saratoga	Chrysler
Satellite	Plymouth
Savana 1500	GMC
Savana 2500	GMC
Savana 3500	GMC
Savoy	Plymouth
SC	Saturn
SC1	Saturn
SC2	Saturn
SC300	Lexus
SC400	Lexus
SC430	Lexus
Scamp	Plymouth
School Bus Chassis	Chevrolet
School Bus Chassis	Ford
School Bus Chassis	Freightliner
School Bus Chassis	GMC
Scimitar	Reliant
Scirocco	Volkswagen
Scorpio	Merkur
Scotsman	Studebaker
Scoupe	Hyundai
Scout	International
Scout II	International
Scrambler	Jeep
SE	Asuna
Sebring	Chrysler
Sebring	Frazer Nash
Sebring	Maserati
SEdona	Kia
Sentra	Nissan
Sephia	Kia
Sequoia	Toyota
Series 1	Shelby
Series 1500	Metropolitan
Series 60	Cadillac
Fleetwood	Cadillac
Series 61	Cadillac

Model	Make
Series 62	Cadillac
Series 70	Cadillac
Fleetwood	Cadillac
Eldorado	Cadillac
Series 75	Cadillac
Fleetwood	Cadillac
Series 76	Oldsmobile
Series A	Metropolitan
Series B	Metropolitan
Seven	Ausin
Seven	Lotus
Seville	Cadillac
SF	Hino
SG	Hino
Shadow	Dodge
Sheerline	Austin
Sidekick	Suzuki
Sienna	Toyota
Sierra	Dodge
Sierra 1500	GMC
Sierra 1500 HD	GMC
Sierra 2500	GMC
Sierra 2500 HD	GMC
Sierra 3500	GMC
Sierra 3500 HD	GMC
Sierra C3	GMC
Sierra Denali	GMC
Sigma	Mitsubishi
Signet	Lada
Silhouette	Lamborghini
Silhouette	Oldsmobile
Silver Cloud	Rolls Royce
Silver Dawn	Rolls Royce
Silver Hawk	Studebaker
Silver Seraph	Rolls Royce
Silver Shadow	Rolls Royce
Silver Shadow II	Rolls Royce
Silver Spirit	Rolls Royce
Silver Spur	Rolls Royce
Silver Wraith	Rolls Royce
Silver Wraith II	Rolls Royce
Silverado 1500	Chevrolet
Silverado 1500 HD	Chevrolet
Silverado 2500	Chevrolet
Silverado 2500 HD	Chevrolet
Silverado 3500	Chevrolet
Silverado 3500 HD	Chevrolet
Silverstone	Healey
Simca	Abarth
Six	Simca
SJ410	Suzuki
SJ413	Suzuki

# Index by Model

Model	Make
Sky	Saturn
Sky Hawk	Studebaker
Skyhawk	Buick
Skylark	Buick
Skyliner	Ford
SL	Saturn
SL1	Saturn
SL2	Saturn
SL320	Mercedes-Benz
SL500	Mercedes-Benz
SL55 AMG	Mercedes-Benz
SL550	Mercedes-Benz
SL600	Mercedes-Benz
SL63 AMG	Mercedes-Benz
SL65 AMG	Mercedes-Benz
SLK230	Mercedes-Benz
SLK280	Mercedes-Benz
SLK300	Mercedes-Benz
SLK32 AMG	Mercedes-Benz
SLK320	Mercedes-Benz
SLK350	Mercedes-Benz
SLK55 AMG	Mercedes-Benz
SLR McLaren	Mercedes-Benz
SLX	Acura
SM	Citroen
SM120	International
SM122	International
SM130	International
SM132	International
SM1500	Singer
Solara	Toyota
Solstice	Pontiac
Somerset	Austin
Somerset	Buick
Somerset Regal	Buick
Sonata	Hyundai
Sonett	Saab
Sonoma	GMC
Sorentto	Kia
Soul	Kia
Sovereign	Daimler
SP250	Daimler
Special	Buick
Special	Kaiser
Special Deluxe	Plymouth
Special Series 40	Buick
Special Sports	Daimler
Spectra	Kia
Spectra5	Kia
Spectrum	Chevrolet
Spectrum	Geo

Model	Make
Spider	Alfa Romeo
Spider	NSU
Spirit	American Motors
Spirit	Dodge
Spitfire	Triumph
Sport	Alfa Romeo
Sport Bertone	NSU
Sport Wagon	Plymouth
Sportage	Kia
Sports	Austin
Sports	SABra
Sports 500	Berkeley
Sportsman	Daimler
Sportwagon	Buick
SPR60	Turner
Spring	Siata
Sprint	Alfa Romeo
Sprint	Chevrolet
Sprint	Ford
Sprint	GMC
Sprint	Turner
Sprinter 2500	Dodge
Sprinter 3500	Dodge
Spyder	Maseratti
Squareback	Volkswagen
Squire	Ford
SRX	Cadillac
SS450	Skoda
SSR	Chevrolet
St Regis	Chrysler
St. Regis	Dodge
Stag	Triumph
Standard	Crosley
Standard	Henry J
Standard	Subaru
Standard 88	Oldsmobile
Standard Eight	Packard
Stanza	Nissan
Star	Subaru
Star Chief	Pontiac
Star Sapphire	Armstrong-Sidde
Starfire	Oldsmobile
Starion	Mitsubishi
Starlet	Toyota
Starliner	Ford
Statesman	Nash
Station Bus	Ford
Stealth	Dodge
Stellar	Hyundai
Storm	Geo
Strada	Fiat
Minx	Hillman
Mirada	Dodge
Mirage	Mitsubishi

Model	Make
Stratos	Lancia
Stratus	Dodge
Streamliner	Pontiac
STS	Cadillac
Styleline Deluxe	Chevrolet
Styleline Special	Chevrolet
Stylemaster Series	Chevrolet
Stylus	Isuzu
Suburban	Chevrolet
Suburban	Dodge
Suburban	GMC
Suburban	Plymouth
Suburban 1500	Chevrolet
Suburban 2500	Chevrolet
Summit	Eagle
Sunbeam-Talbot 80	Sunbeam
Sunbeam-Talbot 90	Sunbeam
Sunbird	Pontiac
Sunburst	Pontiac
Sundance	Plymouth
Sunfire	Asuna
Sunfire	Pontiac
Sunliner	Ford
Sunrunner	Asuna
Sunrunner	Pontiac
Super	Buick
Super	Crosley
Super 88	Oldsmobile
Super 90	Audi
Super Beetle	Volkswagen
Super Chief	Pontiac
Super Custom	Hudson
Super Deluxe	Ford
Super Deluxe Eight	Packard
Super Eight	Packard
Super Jet	Hudson
Super Minx	Hillman
Super Series	Hudson
Super Series 50	Buick
Super Seven	Lotus
Super Shot	Crosley
Super Six	American Motors
Super Snipe	Humber
Super Sports	Crosley
Super V8	Jaguar
Super Wasp	Hudson
Superamerica	Ferrari
Superba	Checker
Superbird	Plymouth
Supra	Toyota
Sussita	Sabra

# Index by Model

Model	Make
SV-1	Bricklin
SVX	Subaru
SW1	Saturn
SW2	Saturn
Swift	Suzuki
Swift+	Suzuki
SX 2.0	Dodge
SX4	Suzuki
Syclone	GMC
T Series	Kenworth
T-Series	Chevrolet
T-Series	GMC
T1 Series	Bentley
T100	Toyota
T1000	Pontiac
T2 Series	Bentley
T300	Goggomobil
T400	Goggomobil
T6500	Chevrolet
T6500	GMC
T700 Royal	Goggomobil
T7500	Chevrolet
T7500	GMC
TA21	Alvis
Tacoma	Toyota
Tahoe	Chevrolet
Talon	Eagle
Targa Florio	Frazer Nash
Tatraplan	Tatra
Taurus	Ford
Taurus X	Ford
TB21	Alvis
TC	MG
tC	Scion
TC Maserati	Chrysler
TC108/G	Alvis
TC21	Alvis
TC21/100	Alvis
TD	MG
TD21	Alvis
TDC	MG
TE21	Alvis
Tempest	Pontiac
Tempo	Ford
Ten	Lanchester
Tercel	Toyota
Terrain	GMC
Terraza	Buick
Testarossa	Ferrari
TF	MG

Model	Make
TF21	Alvis
Thing	Volkswagen
Thunderbird	Ford
Tiara	Toyopet
Tiara	Toyota
Tiburon	Hyundai
Tiger	Sunbeam
Tiguan	Volkswagen
Titan	Nissan
TJ	Jeep
TL	Acura
Topaz	Mercury
Torino	Ford
Tornado	Jeep
Toronado	Oldsmobile
Torpedo	Pontiac
Torrent	Pontiac
Touareg	Volkswagen
Touring Limousine	Rolls Royce
Town & Country	Chrysler
Town Car	Lincoln
Townsmen	Chevrolet
TR2	Triumph
TR250	Triumph
TR3	Triumph
TR3A	Triumph
TR3B	Triumph
TR4	Triumph
TR4A	Triumph
TR6	Triumph
TR7	Triumph
TR8	Triumph
Tracer	Mercury
Tracker	Chevrolet
Tracker	Geo
Tracker	GMC
Trailblazer	Chevrolet
Trailduster	Plymouth
Trans Sport	Pontiac
Transit Connect	Ford
Transporter	Volkswagen
Transtar	Studebaker
Travelall	International
Transverse	Chevrolet
Tredia	Mitsubishi
Tribeca	Subaru
Tribute	Mazda
Trooper	Isuzu
Truck	Chevrolet
Truck	Dodge
Truck	GMC

Model	Make
TS300	Goggomobil
TS400	Goggomobil
TSX	Acura
TT	Audi
TT	NSU
TT Quattro	Audi
TTS	Nsu
Tucson	Hyundai
Tundra	Toyota
Turbo R	Bentley
Turismo	Plymouth
Turnpike Cruiser	Mercury
Tuscan	TVR
Two-Litre	AC
Two-Ten Series	Chevrolet
Type 101	Bugatti
Typhoon	Armstrong-Sidde
Typhoon	GMC
TZ	Alfa Romeo
TZ 2	Alfa Romeo
Universal	Jeep
Uplander	Chevrolet
Urraco	Lamborghini
Utility	Jeep
V-8	Aston Martin
V10	Chevrolet
V10 Suburban	Chevrolet
V1500	GMC
V1500 Suburban	Chevrolet
V1500 Suburban	GMC
V20	Chevrolet
V20 Suburban	Chevrolet
V2500	GMC
V2500 Suburban	Chevrolet
V2500 Suburban	GMC
V30	Chevrolet
V3000 Forward Control	GMC
V3500	Chevrolet
V3500	GMC
V40	Volvo
V50	Volvo
V70	Volvo
V8 Quattro	Audi
V8 Vantage	Aston Martin
V90	Volvo
Vagabond	Henry J
Valiant	Plymouth
Van	Mitsubishi
Van	Nissan
Van	Toyota

# Index by Model

Model	Make
Van Wagon	Toyota
Vanagon	Volkswagen
Vanden Plas	Jaguar
Vanguard	Standard
Vanquish	Aston Martin
Vantage	Aston Martin
Vedette	Simca
Vega	Chevrolet
VehiCROSS	Isuzu
Ventura	Pontiac
Venture	Chevrolet
Venza	Toyota
Veracruz	Hyundai
Verona	Suzuki
Versa	Nissan
Versailles	Lincoln
Veyron 16.4	Bugatti
Vibe	Pontiac
Victor	Vauxhall
Victoria	Ford
Vignale	Nardi
Vigor	Acura
Villager	Edsel
Villager	Mercury
VIP	Plymouth
Viper	Dodge
Virage	Aston Martin
Virginian	Kaiser
Vision	Eagle
Vista	Eagle
Vista Cruiser	Oldsmobile
Vitara	Suzuki
Vixen	TVR
Volare	Plymouth
Voyager	Chrysler
Voyager	Mercury
Voyager	Plymouth
Vue	Saturn
W100	Dodge
W100 Pickup	Dodge
W100 Series	Dodge
W150	Dodge
W200	Dodge
W200 Pickup	Dodge
W200 Series	Dodge
W250	Dodge
W300	Dodge

Model	Make
W300 Pickup	Dodge
W300 Series	Dodge
W350	Dodge
W3500 Forward	GMC
W3500Tiltmaster	Chevrolet
W4500 Forward	GMC
W4500Tiltmaster	Chevrolet
W5500 Forward	GMC
W5500Tiltmaster	Chevrolet
W5500HD Forward	Chevrolet
W5500HD Tiltmaster	Chevrolet
Wagonaire	Studebaker
Wagoneer	Jeep
Wagovan	Honda
WArtburg	Warburg
Wasp	Hudson
Wave	Pontiac
Wave5	Pontiac
Wayfarer	Dodge
Westminster	Austin
Whitley	Armstrong-Sidde
Wildcat	Buick
Willys	Jeep
Windsor	Chrysler
Windstar	Ford
Wm300 Pickup	Dodge
Wm300 Power Wagon	Dodge
Wngler	Jeep
X-1/9	Bertone
X-1/9	Fiat
X-90	Suzuki
X-Trail	Nissan
X-Type	Jaguar
X3	BMW
X5	BMW
X6	BMW
xA	SCion
xB	Scion
XC60	Volvo
XC70	Volvo
XCC90	Volvo
xD	Scion
XF	Jaguar
XFR	Jaguar
XG300	Hyundai

Model	Make
XG350	Hyundai
XJ	Jaguar
XJ12	Jaguar
XJ6	Jaguar
XJ8	Jaguar
XJR	Jaguar
XJRS	Jaguar
XJS	Jaguar
XK	Jaguar
XK120	Jaguar
XK140	Jaguar
XK150	Jaguar
XK8	Jaguar
XKE	Jaguar
XKR	Jaguar
XKSS	Jaguar
XL-7	Suzuki
XLR	Cadillac
XR4Ti	Merkur
XT	Subaru
Xterra	Nissan
YA	MG
Yaris	Toyota
YB	MG
YT	MG
Yukon	GMC
Yukon Denali	GMC
Yukon Denali XL	GMC
Yukon XL 1500	GMC
Yukon XL 2500	GMC
Z-102	Pegaso
Z-102B	Pegaso
Z-102BS	Pegaso
Z-102BSS	Pegaso
Z3	BMW
Z4	BMW
Z8	BMW
ZA	MG
Zagato	Aston Martin
Zagato	Lancia
ZB	MG
ZDX	Acura
Zephyr	Ford
Zephyr	Lincoln
Zephyr	Mercury
Zeta Super Sports	Fairthorpe
Zodiac	Ford



# BCI Group Size by Make

Year	Make	CCA
<b>Group 1</b>		
<b>190 - 555 CCA</b>		
1971-69	Porsche	190
1953-48	Porsche	350
1955-42	Chevrolet	400
1959-46	Dodge	400
1958-46	Jeep	400
1955-49	Plymouth	400
1955	Studebaker	400
1951-50	Volkswagen	400
1961-59	Volvo	400
1952-50	Crosley	445
1954-53	Dodge	475
1954-50	Ford	475
1954-53	Hudson	475
1955-49	Plymouth	475
1954	GMC	500
1947	Chevrolet	525
1949	Chevrolet	525
1950	Oldsmobile	525
1950	Plymouth	525
1955-50	Studebaker	525
1955-50	Dodge	550
1953-51	Henry J	550
1954-53	Hudson	550
1951-50	Frazer	555
1955	Hudson	555
1955-50	Kaiser	555
1955-50	Nash	555
<b>Group 2</b>		
<b>375 - 656 CCA</b>		
1950	Chrysler	375
1954-50	Cadillac	400
1955-50	Chrysler	400
1949	Ford	475
1955-54	Plymouth	475
1952-50	Oldsmobile	605
1955-50	DeSoto	630
1955-54	Dodge	630
1954	Chrysler	650
1946	Chevrolet	656
1951-49	Chevrolet	656
<b>Group 2E</b>		
<b>315 - 630 CCA</b>		
1950	Chevrolet	315
1949-46	Pontiac	373
1954-46	Buick	400
1954-50	Pontiac	400
1954-46	Pontiac	500
1950	Packard	630
<b>Group 2F</b>		
<b>400 - 630 CCA</b>		
1954-52	Lincoln	400
1953	International	525
1954	Packard	630
<b>Group 2L</b>		
<b>375 - 525 CCA</b>		
1953-46	Ford	375

Year	Make	CCA
1949	Mercury	375
1948-46	Ford	400
1953-50	Ford	400
1948-46	Mercury	400
1954-51	Mercury	400
1954	Packard	525
<b>Group 2N</b>		
<b>350 - 475 CCA</b>		
1955-54	Mercury	350
1957-54	Ford	400
1955	Mercury	400
1955-54	Ford	475
<b>Group 3EE</b>		
<b>370 - 400 CCA</b>		
1953	Oldsmobile	370
1954-53	Buick	400
1958	Buick	400
1956-53	Cadillac	400
<b>Group 3NR</b>		
<b>400 CCA</b>		
1955-52	Lincoln	400
<b>Group 17HF</b>		
<b>315 - 380 CCA</b>		
1961 - 50	Jaguar	315
1974 - 57	MG	315
1961 - 59	Jaguar	380
<b>Group 17L</b>		
<b>350 CCA</b>		
1965-64	Opel	350
<b>Group 18</b>		
<b>400 CCA</b>		
1962-55	Renault	400
1952	Volkswagen	400
<b>Group 18LF</b>		
<b>300 CCA</b>		
1957-53	Austin	300
<b>Group 19</b>		
<b>440 CCA</b>		
1961-52	Borgward	440
<b>Group 19L</b>		
<b>300 - 450 CCA</b>		
1966-54	Volkswagen	300
1968-65	BMW	345
1968-67	BMW	405
1962-57	Opel	405
1966-54	Volkswagen	410
1953	Volkswagen	410
1965-63	BMW	440
1960-56	Citroen	440
1962-56	Porsche	440
1960-58	Ford	445
1960-56	Volvo	445
1965-63	Porsche	450

Year	Make	CCA
<b>Group 20H</b>		
<b>220 CCA</b>		
1963-62	Dodge	220
1968	Dodge	220
1969-68	Plymouth	220
<b>Group 21</b>		
<b>305 - 420 CCA</b>		
1982	Chrysler	305
1972-70	Dodge	305
1979-78	Dodge	305
1982-81	Dodge	305
1982-79	Ford	305
1972-67	Plymouth	305
1994-91	Subaru	305
1993-86	Mazda	310
1989-87	Subaru	310
2002-91	Toyota	310
1987-83	Isuzu	320
1987-81	Toyota	320
1980	Ford	325
1979-78	Plymouth	325
1982-81	Plymouth	325
1971-70	Dodge	350
1982-81	Toyota	380
2005-03	Toyota	420
<b>Group 21R</b>		
<b>310 - 490 CCA</b>		
1999-87	Mazda	310
2004-01	Mazda	310
1994-89	Toyota	310
1989-81	Isuzu	320
1990-83	Mazda	320
1991-83	Toyota	320
1966-61	Isuzu	350
2005	Mazda	350
1996	Toyota	360
1988-85	Chevrolet	410
1989	Geo	410
2009-07	Nissan	470
2002-01	Nissan	490
2010	Nissan	490
<b>Group 22F</b>		
<b>180 - 400 CCA</b>		
1966-56	Saab	180
1967-63	Citroen	210
1962-55	Ford	210
1979-75	Renault	235
1967	Saab	240
1968	Opel	250
1970	Opel	250
1963-61	Buick	275
1971-66	Buick	275
1970-59	Chevrolet	275
1962	Oldsmobile	275
1971-67	Oldsmobile	275
1972-66	Opel	275
1972-64	Pontiac	275
1971-69	BMW	290

# BCI Group Size by Make

Year	Make	CCA
1967	Chevrolet	290
1974-65	Ford	290
1968	Mercury	290
1977-71	Mercury	290
1994-91	Alfa Romeo	300
1968-61	Jaguar	300
1967	Pontiac	300
1969-67	Saab	300
1979-67	American Motors	300
1970-62	Chevrolet	305
1977-60	Mercury	305
1963-61	Oldsmobile	315
1970-66	Oldsmobile	315
1970-64	Rover	315
1983-79	Saab	315
1975-68	Opel	320
1963	Ford	330
1964-62	Mercury	330
1976-66	BMW	345
1963	Mercury	345
1971	Mercury	345
1969-65	Chevrolet	350
1979-60	Ford	350
1967-64	Mercury	350
1977-72	Mercury	350

Group 22HF		
<b>290 CCA</b>		
1978	Fiat	290
1961	Ford	290
1966-65	Ford	290
1970-69	Ford	290
1974-68	Mercury	290

Group 22NF		
<b>210 - 420 CCA</b>		
1977-70	MG	210
1971-63	Renault	210
1966-65	Toyota	210
1968-66	Porsche	235
1974-69	Renault	235
1969-68	Toyota	240
1978-76	Toyota	250
1972-70	Austin	260
1982-75	Triumph	260
1964-59	Saab	265
1964	Ford	290
1969-65	Porsche	300
1986-84	Nissan	340

Group 22NL		
<b>200 - 275 CCA</b>		
1963-54	Alfa Romeo	200
1965	Alfa Romeo	200
1954-47	Fiat	200
1960-55	Fiat	275

Year	Make	CCA
1963-54	Alfa Romeo	200
1965	Alfa Romeo	200
1954-47	Fiat	200
1960-55	Fiat	275

Group 23		
<b>300 CCA</b>		
1979-78	Peugeot	300

Group 24		
<b>210 - 900 CCA</b>		
1962	MG	210
1968-63	Simca	210
1962-58	Austin	225
1964	Austin	225
1956-50	Morris	225
1957-56	Sunbeam	230
1962-58	Vauxhall	230
1977	Mazda	235
1957-55	Peugeot	235
1972-61	Peugeot	235
1977	Peugeot	235
1981-80	Peugeot	235
1962	Austin	250
1966	Austin	250
1958-56	Hillman	250
1967-65	Austin	255
1983-82	Fiat	255
1979-76	Buick	260
1982-72	Chevrolet	260
1977	Mazda	260
1973-66	Nissan	260
1975	Nissan	260
1979	Nissan	260
1983-81	Nissan	260
1973-71	Subaru	260
1967-64	Sunbeam	260
1976-75	Toyota	260
1957	Packard	265
1966-59	Renault	270
1962-59	Chevrolet	275
1977-76	Mazda	275
1962-61	Renault	275
1966-56	Studebaker	275
1969-68	Sunbeam	275
1967-61	Citroen	280
1970-69	Chevrolet	285
1970	GMC	285
1971-68	Pontiac	285
1950	Studebaker	285
1964-56	Studebaker	285
1967-58	Peugeot	290
1982	Toyota	290
1973-71	Triumph	295
1967-64	Austin	300
1965	Chevrolet	300
1972-68	Citroen	300
1975	Citroen	300
1966	Fiat	300
1985-80	Peugeot	300
1963-62	Simca	300
1971-69	Simca	300

Year	Make	CCA
1983	Toyota	300
1980-63	Triumph	300
1970-61	American Motors	305
1970-63	Austin	305
1963	Buick	305
1971-65	Buick	305
1956-55	Dodge	305
1976-60	Dodge	305
1966-65	Hillman	305
1970-60	Plymouth	305
1976-73	Plymouth	305
1967-64	Triumph	305
1966	Dodge	310
1967-58	Sunbeam	310
1974-62	Alfa Romeo	315
1977	Alfa Romeo	315
1966-64	Chevrolet	315
1962-61	Citroen	315
1961-56	DeSoto	315
1956	Dodge	315
1979-74	Dodge	315
1981-59	Fiat	315
1983	Fiat	315
1979-72	Ford	315
1982-70	Mazda	315
1983-70	Nissan	315
1958	Packard	315
1966-56	Plymouth	315
1979-76	Plymouth	315
1957-55	Pontiac	315
1964	Pontiac	315
1966-65	Saab	315
1972-70	Saab	315
1976-73	Subaru	315
1973-62	Volvo	315
1969-60	Austin	320
1971-57	Morris	320
1964	Oldsmobile	320
1970	Peugeot	320
1971-67	Saab	320
1958-56	Studebaker	320
1966-60	Studebaker	320
1962-56	Chevrolet	325
1966-65	Chevrolet	325
1956	Chrysler	325
1980-75	Chrysler	325
1980-77	Dodge	325
1983-74	Fiat	325
1971-69	Oldsmobile	325
1975-74	Opel	325
1961-60	Plymouth	325
1973	Plymouth	325
1980-75	Plymouth	325
1983	Plymouth	325
1963-61	Pontiac	325
1981-79	Dodge	330
1960-59	Pontiac	330
1966-63	Pontiac	330
1960-59	American Motors	340

## BCI Group Size by Make

Year	Make	CCA	Year	Make	CCA	Year	Make	CCA
1979	Nissan	340	1960-59	American Motors	410	1972	Chrysler	500
1983-81	Nissan	340	1979-67	American Motors	410	1985-75	Chrysler	500
1974	Peugeot	340	1979	Jeep	410	1965-59	Dodge	500
1980-76	Subaru	340	1982-79	Plymouth	410	1987-71	Dodge	500
1979-69	Alfa Romeo	340	1992-90	Infiniti	415	1990-89	Dodge	500
1985-81	Alfa Romeo	345	1998-82	Nissan	415	1969-67	GMC	500
1969-63	MG	345	1982-80	Subaru	415	2002-96	Honda	500
1981-75	MG	345	1971-67	Oldsmobile	420	1984-81	Isuzu	500
1964	Plymouth	345	1979-71	Peugeot	420	1971	Jeep	500
1968-67	Plymouth	345	1991-89	Peugeot	420	1988-74	Plymouth	500
1975-70	Plymouth	345	1974-64	Pontiac	420	1970-60	Chevrolet	525
1974-62	Buick	350	1987-84	Toyota	420	1975	Chrysler	525
1970-55	Chevrolet	350	1980-77	Chrysler	430	1997-95	Nissan	525
1965	Ford	350	1967-65	Oldsmobile	430	1998-89	Hyundai	540
1971-55	GMC	350	1978-68	American Motors	440	2004-96	Acura	550
1975-73	GMC	350	1966-63	Buick	440	2010-09	Acura	550
1972-70	Mazda	350	1960-59	Chevrolet	440	1969	Checker	550
1970-64	Oldsmobile	350	1970-64	Chevrolet	440	1982-80	Checker	550
1974	Oldsmobile	350	1971-57	Chrysler	440	1993-90	Honda	550
1972-55	Pontiac	350	1977-75	Chrysler	440	2010-04	Mitsubishi	550
1980	Toyota	350	1968-65	Dodge	440	2004-98	Nissan	550
1985-79	Toyota	365	1974-70	Dodge	440	2004-03	Nissan	575
1959-56	Dodge	370	1970-68	GMC	440	2009-05	Scion	575
1967-65	Dodge	370	1980-57	International	440	1995-90	Dodge	580
1958	International	370	1987-85	Jeep	440	1994-93	Eagle	580
1961	International	370	1986-75	Nissan	440	1989-86	Hyundai	580
1971	International	370	1981-67	Plymouth	440	2002-92	Isuzu	580
1980-74	International	370	1969-68	Chevrolet	450	1990	Mitsubishi	580
1987-83	Isuzu	370	2000-97	Infiniti	450	1983	Nissan	580
1978-72	Jeep	370	1983-77	Nissan	450	1994-92	Plymouth	580
1983-71	Mazda	370	1988-86	Nissan	450	1995-91	Acura	580
1981-77	Nissan	370	1994-92	Nissan	450	1999-97	Acura	585
1968-67	Oldsmobile	370	1968-67	Oldsmobile	450	2008-05	Acura	585
1981-76	Plymouth	370	1973	Plymouth	450	1989	Dodge	585
1964-56	Chrysler	375	1987-76	Subaru	450	2000-93	Infiniti	585
1978-67	Chrysler	375	1965-63	Buick	455	2003	Infiniti	585
1984-56	Dodge	375	2003	Nissan	455	1987-86	Isuzu	585
1965-62	Fiat	375	1982-71	Dodge	460	1989	Isuzu	585
1973-67	Fiat	375	1982-81	Plymouth	460	2010-98	Lexus	585
1981-79	Fiat	375	1970-67	Pontiac	465	1993-89	Mazda	585
1981-56	Plymouth	375	1988-84	Nissan	470	2004-97	Mitsubishi	585
1968-64	Buick	380	1993-89	Dodge	490	1997-92	Subaru	585
1970	Buick	380	1996-95	Eagle	490	1995-84	Toyota	585
1970-55	Chevrolet	380	2001	Infiniti	490	2004-03	Land Rover	590
1969-67	Pontiac	380	2004-03	Infiniti	490	1997-94	Honda	600
1980-70	Toyota	380	1991-88	Isuzu	490	1982-81	Isuzu	600
1978-59	American Motors	385	1993-86	Mazda	490	1984	Isuzu	600
1979-57	Jeep	385	1985-83	Mitsubishi	490	1988-86	Isuzu	600
1982-79	Plymouth	400	2000-88	Mitsubishi	490	1997-90	Isuzu	600
1959-58	American Motors	400	1971	Morris	490	2002	Kia	600
1963-61	American Motors	400	1994-92	Plymouth	490	2002-87	Land Rover	600
1966-65	American Motors	400	1990-88	Subaru	490	2004	Mitsubishi	600
1970	Buick	400	1975-73	Austin	500	1992-91	Isuzu	610
1970-53	Chevrolet	400	1980	Checker	500	1986-83	Nissan	610
1974-72	International	400	1964	Chevrolet	500	1987-84	Toyota	610
1970-64	Oldsmobile	400	1969-67	Chevrolet	500	1971-67	Aston Martin	630
1971-67	Plymouth	400	1982-81	Chevrolet	500	1994-75	Aston Martin	630
1980-79	Plymouth	400	1958-57	Chrysler	500	2003-90	Bentley	650
1970-67	Pontiac	400	1963	Chrysler	500	1992-88	Bentley	800

# BCI Group Size by Make

Year	Make	CCA
1987-85	Jeep	815
1988-87	Land Rover	900
1997-93	Land Rover	900
<b>Group 24F</b>		
<b>265 - 700 CCA</b>		
1979-69	Toyota	265
1963	Mercedes-Benz	275
1962-55	Mercedes-Benz	295
1961-51	Ford	300
1964-63	Ford	300
1975-67	Toyota	300
1980-78	Toyota	300
1980-70	Saab	315
1969	Toyota	315
1974-67	Volvo	315
1974-67	Toyota	325
1982-81	Toyota	325
1964-62	Jaguar	330
1967	Jaguar	330
1982-79	Nissan	330
1978	Fiat	350
1963	Ford	350
1977-65	Ford	350
1991-85	Ford	350
1977-63	Mercury	350
1978-76	Toyota	360
1991-86	Ford	375
1980-79	Toyota	380
1980-57	Ford	400
1968-67	Mercury	400
1973	Mercury	400
1982-80	Toyota	405
1979-73	Lincoln	410
1964-61	Ford	415
1974-67	Ford	415
1973-72	Mercury	415
1995-83	Nissan	415
1967-64	Jaguar	420
1969-60	Mercedes-Benz	420
1987-83	Toyota	420
1970-65	Mercury	425
1967-62	Shelby	425
1964-63	Ford	430
1978-73	Lincoln	435
1967-63	Mercury	435
1970-69	Mercury	435
1972	Mercury	435
1978-66	Ford	440
1965-63	Mercedes-Benz	440
1963-61	Mercury	440
1976-72	Mercury	440
2004-03	Infiniti	445
2003	Nissan	445
1978	Mercury	450
1988-83	Toyota	450
1997-93	Toyota	450
1967-65	Ford	455
1986-74	Ford	455

Year	Make	CCA
1978-73	Mercury	455
1985-80	Mercury	455
1977	Ford	460
1981-64	Ford	475
1983	Lincoln	475
1985-84	Mercury	475
2006-03	Infiniti	490
1988-87	Mazda	490
1998-93	Mazda	490
2002-01	Mazda	490
2007-03	Nissan	490
1995-93	Toyota	490
1990-86	Alfa Romeo	500
1982-64	Ford	500
2006-03	Kia	500
1971-54	Mercedes-Benz	500
2002-94	Mercury	525
2002-93	Nissan	525
1999-97	Acura	550
2010-01	Acura	550
1986-83	Ford	550
2010-92	Honda	550
2007	Infiniti	550
1999-96	Isuzu	550
2009-95	Nissan	550
2010-09	Suzuki	550
2010-09	Nissan	575
2000-98	Toyota	575
2010-09	Toyota	575
1987-86	Acura	580
1990-87	Acura	585
2005-96	Acura	585
2008	Alfa Romeo	585
2010-03	Honda	585
2002-91	Infiniti	585
2010-92	Lexus	585
1992-89	Mazda	585
2002-95	Mazda	585
2010-07	Mazda	585
1993	Mercury	585
2010-01	Mitsubishi	585
2002-89	Nissan	585
2008	Nissan	585
2010-08	Scion	585
1986-83	Toyota	585
2010-91	Toyota	585
2002-98	Honda	600
2004-98	Isuzu	600
2002	Kia	600
1987-84	Toyota	610
2006-04	Mitsubishi	620
2004	Isuzu	625
2010-04	Nissan	650
2010-06	Infiniti	700
2010-04	Nissan	700
2010-01	Suzuki	700

<b>Group 24H</b>		
<b>263 - 370 CCA</b>		
1960	International	263
1970-65	Jeep	290

Year	Make	CCA
1957-56	Hudson	315
1968	Jeep	370
1970	Jeep	370

<b>Group 24R</b>		
<b>550 - 575 CCA</b>		
2009	Pontiac	550
2010	575	305

<b>Group 24T</b>		
<b>380 CCA</b>		
1971	Buick	380

<b>Group 25</b>		
<b>260 - 550 CCA</b>		
1987-83	Mazda	260
1990	Dodge	335
1992	Eagle	350
1991-90	Isuzu	350
1989-81	Nissan	350
1991-89	Subaru	350
1990-81	Toyota	350
1992	Toyota	350
1990	Dodge	355
1996-89	Eagle	355
1992-90	Mitsubishi	355
1991-87	Nissan	355
1992	Infiniti	360
2000-97	Infiniti	360
2002	Infiniti	360
1989-88	Isuzu	360
1994-92	Mitsubishi	360
2002-84	Nissan	360
1998-84	Toyota	360
1984-83	Chrysler	370
1984-81	Dodge	370
1983-82	Plymouth	370
1995-94	Honda	380
1989-88	Isuzu	380
1992-91	Isuzu	380
1988-87	Nissan	380
1996-93	Toyota	410
1989	Chrysler	420
1984	Dodge	420
1992-86	Dodge	420
1992-88	Eagle	420
1998-86	Hyundai	420
1994-87	Mitsubishi	420
1978-76	Plymouth	420
1992-82	Plymouth	420
1994-80	Subaru	420
2002-00	Toyota	420
1983-79	Dodge	425
1994-91	Isuzu	425
1984-78	Chrysler	430
1988-79	Dodge	430
1992	Dodge	430
1988-86	Isuzu	430
1995-90	Isuzu	430
1984-80	Plymouth	430
1966-63	Pontiac	330
1960-59	American Motors	340

# BCI Group Size by Make

Year	Make	CCA
1993-90	Acura	435
1996-92	Hyundai	435
1998-96	Acura	450
2004-98	Nissan	490
1991-85	Subaru	490
2005	Saab	500
1996-94	Dodge	520
2003-94	Mitsubishi	520
2006-04	Scion	550
2008	Scion	550
1999-98	Toyota	550

## Group 26

### 310 - 525 CCA

1982	Chrysler	310
1982	Dodge	310
1983-80	Plymouth	310
1986-85	Chrysler	335
1972	Dodge	335
1987-81	Dodge	335
1987-81	Plymouth	335
1987-81	Plymouth	370
1992-86	Yugo	370
1992	Geo	390
1994	Geo	390
1994	Pontiac	390
1987-85	Suzuki	400
1989-83	Honda	405
1993-84	Saab	405
1988-83	Honda	410
1992	Chevrolet	420
1989-87	Plymouth	420
1986-80	Dodge	430
1993-90	Geo	440
1991-90	Pontiac	440
1998-94	Mitsubishi	490
1992-90	Daihatsu	500
1994	Pontiac	500
1993	Asuna	525
1991-90	Chevrolet	525
1994-90	Geo	525

## Group 26R

### 310 - 540 CCA

2009-08	Mazda	310
2001-98	Chevrolet	390
1997-95	Geo	390
2000-94	Pontiac	390
1998-96	Suzuki	390
1988-85	Pontiac	410
2002-95	Suzuki	440
2002-00	Chrysler	450
2005-00	Dodge	450
2001-00	Plymouth	450
1998	Chevrolet	500
1992-88	Daihatsu	500
1997-95	Geo	500
2010-03	Chrysler	510
2005-04	Mazda	525
2002-01	Chrysler	540

Year	Make	CCA
2005-03	Dodge	540
2010-08	Mazda	540

## Group 27

### 315 - 810 CCA

1972-71	Toyota	315
1969-63	Buick	360
1965-64	Buick	370
1962-54	Metropolitan	375
1968-65	Rover	380
1965	Oldsmobile	385
1969	American Motors	400
1979-75	Alfa Romeo	405
1967-66	Plymouth	405
1968	Oldsmobile	430
1978-56	Chrysler	440
1980-65	Dodge	440
1978-63	Plymouth	440
2002-87	Nissan	450
1960-59	Pontiac	450
1966-63	Pontiac	450
1992-75	Toyota	450
1955	Cadillac	465
1958	Cadillac	465
1972-65	Cadillac	465
1974	Cadillac	465
1989-84	Nissan	470
1958-57	Cadillac	475
1970-66	Oldsmobile	475
1969-58	Pontiac	475
1985-81	Toyota	480
1984-81	Mazda	490
1970-64	Buick	500
1972-68	Cadillac	500
1980-77	Chrysler	500
1962-61	Dodge	500
1981-67	Dodge	500
1980-69	International	500
1983-75	Nissan	500
1967-65	Oldsmobile	500
1971-70	Oldsmobile	500
1974-66	Plymouth	500
1954-49	Rolls Royce	500
1967	Oldsmobile	550
1975-74	International	560
1987	Toyota	560
2003-00	Volkswagen	570
1987-83	Mitsubishi	585
1981	Dodge	600
2005-90	Dodge	600
1984-82	Mazda	600
1996	Acura	610
1999-98	Acura	610
1993-92	Dodge	610
1994-92	Isuzu	620
1983-81	Nissan	620
1998-87	Mitsubishi Fuso	622
2008-89	UD	622
1996-90	Infiniti	625
2002-95	Isuzu	625

Year	Make	CCA
2000-94	UD	625
1987-81	Isuzu	655
1968-67	Ford	700
1991-83	Ford	700
2004-92	Dodge	750
1985-83	Dodge	800
1991-90	Dodge	810

## Group 27F

### 373 - 710 CCA

1965	Ford	373
1998-55	Rolls Royce	385
2002-00	Rolls Royce	385
1988	Nissan	410
1965	Ford	415
1973-69	Ford	415
1966-65	Ford	435
1977-68	Ford	435
1971-65	Mercury	435
1996-92	Lexus	450
1965-61	Lincoln	450
1972	Lincoln	450
1992-82	Toyota	450
1987-85	Nissan	470
1977-56	Mercury	475
1964-56	Ford	500
1977-66	Ford	500
1959-56	Mercury	500
1961	Mercury	500
1965	Mercury	500
1972-69	Mercury	500
1980-77	Rolls Royce	500
1975-69	Ford	525
1966-56	Jaguar	525
1965-62	Ford	530
1974-67	Toyota	560
1987	Toyota	560
1994-90	Lexus	580
2002	Lexus	585
1971-69	Ford	600
2004-98	Isuzu	625
2000-92	Lexus	625
2010-09	Lexus	625
1987-83	Nissan	625
1997-93	Toyota	625
2001-98	Lexus	650
2001	Toyota	650
1985-84	Mazda	655
1985-84	Toyota	655
2010-04	Infiniti	710
2010-03	Lexus	710
2010-04	Nissan	710
2010-00	Toyota	710

## Group 27HF

### 435 CCA

1966-65	Ford	435
1968	Ford	435
1970	Ford	435
1971-68	Mercury	435



# BCI Group Size by Make

Year	Make	CCA
<b>Group 27SL</b>		
<b>275 CCA</b>		
1968-62	Alfa Romeo	275
1961-55	Simca	275
<b>Group 28N</b>		
<b>350 - 400 CCA</b>		
1957	Ford	350
1958-56	Ford	400
<b>Group 29H</b>		
<b>305 - 550 CCA</b>		
1964-59	Hillman	305
1962-59	MG	305
1954-51	Morris	305
1962-60	Morris	305
1964-58	Rover	305
1962-54	Triumph	310
1963-62	Triumph	375
1961-59	Austin	525
1945	MG	525
1955-50	MG	525
1959-58	Austin	550
<b>Group 29HR</b>		
<b>500 CCA</b>		
1960-58	Lincoln	500
1972-66	Lincoln	500
<b>Group 29NF</b>		
<b>250 - 430 CCA</b>		
1963-62	Ford	250
1967-61	Ford	270
1957-56	Ford	290
1960	Ford	300
1970-63	Ford	300
1960-58	Edsel	350
1963-56	Ford	350
1960-59	Mercury	350
1964-59	Ford	375
1957-56	Ford	390
1964-59	Ford	390
1956	MG	390
1962-56	Mercury	390
1964	Mercury	390
1963-61	Ford	430
<b>Group 30H</b>		
<b>500 - 1025 CCA</b>		
1993-89	Mercedes-Benz	500
1963-60	Land Rover	900
1995	Land Rover	900
2002-99	Dodge	1025
<b>Group 30HR</b>		
<b>305 - 490 CCA</b>		
1974-65	Checker	305
1957-56	Jaguar	380
1979-69	Checker	420
1958	Jaguar	420
1982-80	Checker	490
<b>Group 31</b>		
<b>400 - 925 CCA</b>		
2006	Mitsubishi Fuso	400
1998-86	Mitsubishi Fuso	512

Year	Make	CCA
2006	Mitsubishi Fuso	512
2002-00	Chevrolet	625
1980	Ford	625
1983	Ford	625
1997-85	Ford	625
1988-87	GMC	625
2007-99	GMC	625
1980-76	International	625
1993-92	Ford	650
2008-84	Hino	650
2006-05	Peterbilt	650
2000-97	Mitsubishi Fuso	651
1995-91	Alfa Romeo	685
2006-92	Freightliner	750
1994	Ford	900
2009-06	Ford	925
2003-01	Kenworth	925
<b>Group 31T</b>		
<b>400 - 925 CCA</b>		
2009-08	Mitsubishi Fuso	400
2009-07	Mitsubishi Fuso	512
2009-08	International	650
2008-05	Peterbilt	650
2007-05	Chevrolet	700
2009	GMC	700
2009-04	Chevrolet	750
2008-05	GMC	750
2008-87	Isuzu	750
2007-05	Sterling	750
2009-07	International	925
<b>Group 32N</b>		
<b>370 - 400 CCAA</b>		
1962-58	Mercedes-Benz	370
1960	Lincoln	375
1960-56	Lincoln	400
<b>Group 33</b>		
<b>1050 CCA</b>		
1987-84	Ford	1050
1987-84	Mercury	1050
<b>Group 34</b>		
<b>375 - 800 CCA</b>		
1989-88	Eagle	375
1987-85	Chrysler	400
1989-84	Dodge	400
1989-87	Plymouth	400
1988	Dodge	430
1990	Dodge	430
1990-88	Plymouth	430
2007-82	Chrysler	500
2006-85	Dodge	500
1991-89	Eagle	500
1994-93	Eagle	500
2001-97	Jeep	500
2006-03	Kia	500
2009	Kia	500
200-84	Plymouth	500
2002-01	Chrysler	525
1997	Plymouth	525

Year	Make	CCA
2001-99	Plymouth	525
1988-80	Alfa Romeo	530
1994-88	Alfa Romeo	550
1990-86	Jaguar	590
2007-05	Buick	600
2010-04	Chevrolet	600
1988-84	Chrysler	600
1993-92	Chrysler	600
2010-95	Chrysler	600
2010-82	Dodge	600
1992	Eagle	600
1997-95	Eagle	600
2010-93	Jeep	600
1997-94	Land Rover	600
1987-84	Plymouth	600
1989	Plymouth	600
2000-91	Plymouth	600
2009-06	Pontiac	600
2007-05	Saturn	600
2010-09	Volkswagen	600
1991-90	Chrysler	625
1991	Dodge	625
1995-89	Ford	650
2008-05	Buick	680
2005-04	Pontiac	680
1991-85	Dodge	685
1999-91	Plymouth	685
2006-03	Buick	690
2007-06	Chevrolet	690
2008-06	Pontiac	690
2009-07	Kia	700
2006-04	Suzuki	700
2009-08	Buick	720
2008	Chevrolet	720
2010	Chevrolet	720
2009-08	Bentley	750
2009-05	Buick	750
2007-06	Chevrolet	750
2006-02	Saleen	750
2005-03	Buick	770
2006-05	Jeep	800
<b>Group 34R</b>		
<b>450 - 850 CCA</b>		
1991-88	Saab	450
2004	Kia	600
1991-89	Sterling	675
2009-06	Ferrari	760
2009-07	Ferrari	800
2009-05	Ferrari	850
<b>Group 35</b>		
<b>310 - 640 CCA</b>		
1988-85	Chevrolet	310
2002-98	Chevrolet	310
1997-90	Geo	310
2009-03	Pontiac	310
1997-94	Toyota	310
2006-00	Toyota	310
1993-92	Asuna	350

# BCI Group Size by Make

Year	Make	CCA	Year	Make	CCA	Year	Make	CCA
2008	Infiniti	350	1996-95	Ford	540	1983-82	Audi	575
2000-88	Mazda	350	1996-95	Mercury	540	1994-89	Audi	575
1993	Mercury	350	2010-07	Infiniti	550	1996-85	Volkswagen	575
1995-83	Nissan	350	1994-93	Mazda	550	1983-82	Audi	650
1995-85	Toyota	350	2010-04	Mazda	550	1998-88	Audi	650
1993-90	Isuzu	355	2010	Mitsubishi	550	1996-85	Volkswagen	650
2009-08	Mazda	355	2003	Nissan	550	1994-91	Audi	720
2005-00	Nissan	355	2010-05	Nissan	550	<b>Group 42</b>		
1993-90	Geo	360	2010	Pontiac	550	<b>235 - 475 CCA</b>		
1997-91	Infiniti	360	2006	Saab	550	1987-80	Audi	235
1997-90	Lexus	360	2010-09	Scion	550	1972-71	Plymouth	280
2003-99	Lexus	360	2010	Subaru	550	1984-82	Renault	320
1991-88	Mazda	360	2010-09	Toyota	550	1980-78	Ford	350
2009-00	Mazda	360	2009	Nissan	585	1983-74	Volkswagen	350
1999-93	Nissan	360	2010-04	Mazda	640	1985-67	Volkswagen	365
2006	Subaru	360	<b>Group 36R</b>			1991-90	Yugo	370
2005-86	Toyota	360	<b>540 - 650 CCA</b>			1969-66	Mercedes-Benz	390
1989	Geo	370	2007-05	Ford	540	1974-72	Mercury	400
1991-88	Toyota	380	2010-07	Lincoln	540	1986-84	Renault	425
1993-88	Ford	390	2007	Mercury	540	1982-80	Triumph	425
1989-87	Mercury	390	2007	Ford	580	1987-69	Audi	435
1993-91	Mercury	390	2002-98	Mazda	580	1976-70	Porsche	435
1998-92	Toyota	390	2009-96	Ford	600	1987-80	Volkswagen	435
2010-04	Toyota	390	2006-01	Mercury	600	1993	Volkswagen	450
1991-84	Mazda	405	1999-96	Ford	650	1997-90	Volkswagen	460
1994-93	Nissan	415	2010	Ford	650	1999	Volkswagen	460
1995-92	Mazda	420	1999-96	Mercury	650	1985-84	BMW	475
1995-87	Subaru	420	<b>Group 40R</b>			<b>Group 45</b>		
2006	Subaru	420	<b>540 - 650 CCA</b>			<b>400 - 470 CCA</b>		
2003-95	Toyota	420	2000	Ford	540	1991-85	Chevrolet	400
2008-06	Toyota	420	2008-07	Mazda	585	1989	Geo	400
1998-96	Subaru	430	2010-98	Ford	590	1982-73	Honda	410
2000	Subaru	430	2006	Lincoln	590	1989-85	Pontiac	410
2006	Subaru	430	2006-01	Mazda	590	1987-83	Hyundai	420
1981	Toyota	430	2009-08	Mazda	590	1991-87	Nissan	460
2005-91	Acura	435	2002-95	Mercury	590	1989	Chevrolet	470
2002-98	Mitsubishi	435	2009-05	Mercury	590	1989	Geo	470
2010-07	Acura	440	2010-09	Nissan	590	<b>Group 46</b>		
2010-03	Honda	440	1978	Porsche	600	<b>350 - 450 CCA</b>		
1998-95	Acura	450	1991-83	Porsche	600	1985-73	Volvo	350
2002-98	Honda	450	1997-95	Ford	650	1987-76	Volvo	360
2002-94	Mercury	450	2010	Mazda	650	1984-76	Volvo	450
2002-93	Nissan	450	1997-95	Mercury	650	<b>Group 46A24L</b>		
1997-91	Ford	460	2010	Mercury	650	<b>255 - 650 CCA</b>		
1996-91	Mercury	460	<b>Group 41</b>			1976-71	BMW	255
2006-03	Infiniti	490	<b>345 - 720 CCA</b>			1972-70	Mercedes-Benz	290
2000-95	Mazda	490	1980-76	Porsche	345	1981-71	BMW	370
2000-95	Nissan	490	1981-78	Porsche	395	1981-75	Mercedes-Benz	420
2009-04	Nissan	490	1968	Mercedes-Benz	400	2000	Volvo	420
2009-90	Subaru	490	1976	Volkswagen	435	1990-86	Saab	450
1960	Sunbeam	490	1980-79	Volkswagen	435	1992-88	Volvo	450
2010-01	Kia	500	1993-82	Volkswagen	435	1989-88	Volvo	460
2007	Subaru	500	1996	Volkswagen	460	2006-00	Audi	480
2008-03	Toyota	500	1989-78	Audi	500	2010-08	Audi	480
2005-01	Mazda	520	1982-77	Porsche	500			
2010-03	Mitsubishi	520	1993-77	Volkswagen	500			
2005-93	Subaru	520	1998-94	Saab	570			
2007	Subaru	520	1980	Audi	575			
2009	Subaru	520						
2007	Nissan	525						



# BCI Group Size by Make

Year	Make	CCA	Year	Make	CCA	Year	Make	CCA
2008	BMW	480	2005-89	Porsche	650	2009-06	Dodge	800
2010	BMW	480	2010	Buick	660	1990-89	Jaguar	800
2005-03	Land Rover	480	2010	Cadillac	660	2010-09	Jaguar	800
2009-02	Mini	480	2010	Chevrolet	660	2009-08	Jeep	800
2010-98	Volkswagen	480	2010	GMC	660	2009-08	Lamborghini	800
1989-85	Merkur	490	1995-94	Mercedes-Benz	660	2009-07	Land Rover	800
1993-90	Volvo	500	1991-85	Peugeot	660	2010-99	Volvo	800
2008-07	Jaguar	520	2005-02	BMW	680	1972-71	Mercedes-Benz	825
2009-08	Lotus	520	2010-06	Mercedes-Benz	680	2008-92	Mercedes-Benz	825
1998-90	Saab	520	1987	BMW	690	1989	Aston Martin	830
2007-91	Volvo	520	1999-96	Mercedes-Benz	690	2009-02	Aston Martin	830
2010	Chevrolet	525	2004-02	Mercedes-Benz	690	2010-97	Audi	850
2010	GMC	525	1998-88	Bentley	700	2001-97	BMW	850
2010-09	BMW	540	2008-05	Chevrolet	700	2010-08	BMW	850
1987-84	Mercedes-Benz	550	2008-05	Chrysler	700	2010-03	Dodge	850
2008-00	Volkswagen	570	2008	GMC	700	2008	Jaguar	850
2009-00	Volkswagen	575	2009-99	Saab	700	2009	Maserati	850
2003	Saab	580	2009-08	Buick	730	2009-03	Maybach	850
1996-91	Jaguar	590	2009-08	Cadillac	730	1987	Mercedes-Benz	850
1989-88	Merkur	590	2010-08	Chevrolet	730	2010-02	Mercedes-Benz	850
2010	Nissan	590	2010-07	GMC	730	1988-84	Porsche	850
2003-01	Kia	600	2009-08	Hummer	730	2005	Volkswagen	850
2009-05	Smart	600	2009-07	Saturn	730	2005-02	BMW	900
1988-87	Sterling	600	1985-84	Mercedes-Benz	740	2010-09	BMW	900
2009-07	Chevrolet	650	2003	Mercedes-Benz	760	2008-04	Bentley	900
2009-07	Pontiac	650	2008-07	Mercedes-Benz	760	2009-07	Jaguar	950
2009-07	Suzuki	650	2010	Cadillac	770	2009-06	Mercedes-Benz	950
<b>Group 48</b>			2009	GMC	770	<b>Group 50</b>		
<b>495 - 780 CCA</b>			1998-97	Aston Martin	780	<b>500 - 600 CCA</b>		
1987-86	BMW	495	2004-00	Aston Martin	780	1996-92	Ford	500
1989-68	Mercedes-Benz	495	<b>Group 49</b>			1996-92	Ford	600
1990-85	Volvo	500	<b>460 - 950 CCA</b>			<b>Group 51</b>		
1997-96	Audi	540	1967-66	Mercedes-Benz	460	<b>270 - 450 CCA</b>		
2010-07	Volkswagen	540	1973-70	Mercedes-Benz	460	2006-00	Honda	270
1993-86	Mercedes-Benz	550	1997	Jaguar	600	1989	Dodge	390
1988	Peugeot	560	1986-82	Volvo	600	1989-85	Mitsubishi	390
2002-95	Audi	570	1985-73	Mercedes-Benz	650	1991-90	Honda	405
2006-05	Audi	570	1987	Mercedes-Benz	650	1995-88	Suzuki	405
2010-02	BMW	570	1988-86	Porsche	650	1989-86	Acura	410
2010-98	Volkswagen	570	2003-97	Jaguar	680	2005-01	Acura	410
2004	Chrysler	580	2005	Jaguar	680	1988-84	Dodge	410
2010-03	Lexus	585	2003-02	Audi	720	1989-81	Honda	410
2010-06	Audi	600	2010-00	BMW	720	2005-01	Honda	410
1997-95	Jaguar	600	2010	Land Rover	720	1988-87	Chrysler	420
2002	Jaguar	600	2003	BMW	740	1986-84	Dodge	420
2009-08	Lotus	600	2009	Hyundai	740	1988-83	Mitsubishi	420
2009-08	Maserati	600	1972	Mercedes-Benz	740	1986-84	Plymouth	420
2010-92	Volvo	600	1991-75	Mercedes-Benz	740	2009-00	Honda	430
2010	Buick	615	1986-80	Peugeot	740	1996-93	Mitsubishi	430
2010-07	Cadillac	615	2006-03	Porsche	740	1995-87	Dodge	435
2010-07	Chevrolet	615	2010-08	Porsche	740	1990-89	Eagle	435
2010-07	GMC	615	2009-06	Rolls Royce	740	1996-93	Eagle	435
2002	Lexus	625	2006-04	Volkswagen	740	1987-81	Honda	435
2004-98	Volkswagen	640	2008	Volkswagen	740	1996-83	Mitsubishi	435
2007-06	Volkswagen	640	2006-03	Jaguar	750	1982	Plymouth	435
2010-09	Volkswagen	640	1983-75	Peugeot	750	1991-84	Plymouth	435
2001-96	BMW	650	1987-85	Peugeot	750	1995-93	Plymouth	435
2010-09	BMW	650	1976-74	Porsche	750	1994-89	Suzuki	435
1971	Mercedes-Benz	650	2010-07	Audi	760			
1987	Porsche	650	2010-06	Mercedes-Benz	760			

# BCI Group Size by Make

Year	Make	CCA
1989-88	Dodge	450
<b>Group 51R</b>		
<b>310 - 585 CCA</b>		
2008	Honda	310
2006-02	Acura	400
2001-94	Acura	410
2010-08	Acura	410
2000-92	Honda	410
2005-03	Honda	410
2010-08	Honda	410
2010-06	Mazda	410
2009-07	Nissan	410
2008-04	Acura	430
2009-03	Honda	430
2008-02	Honda	435
2010	Honda	435
2008-07	Lexus	435
1997	Mitsubishi	435
2005-00	Toyota	435
2009	Toyota	435
2007-06	Acura	440
2007	Honda	440
2010-09	Acura	500
2008-97	Honda	500
2010	Honda	500
2006	Lexus	500
2010	Lexus	500
2010-09	Nissan	500
2007	Lexus	510
2010-09	Nissan	510
2008-06	Toyota	585
2010	Toyota	585
<b>Group 53</b>		
<b>210 - 290 CCA</b>		
1969-61	Nissan	210
1964-60	Chevrolet	275
1967-63	Nissan	290
<b>Group 54</b>		
<b>305 - 310 CCA</b>		
1979	American Motors	305
1979-78	Ford	310
1979-78	Mercury	310
<b>Group 55</b>		
<b>380 - 450 CCA</b>		
1984-79	American Motors	380
1979-78	Ford	380
1981-80	Jeep	380
1979-78	Mercury	380
1988-80	American Motors	420
1984-79	Jeep	420
1990-87	Jeep	420
1979	Ford	450
<b>Group 56</b>		
<b>315 - 505 CCA</b>		
1957-56	Nash	315
1988-85	Jeep	420
1983-79	American Motors	450
1978	Ford	450
1983-80	Jeep	450

Year	Make	CCA
1987-85	Jeep	450
1990-89	Jeep	450
1997-94	Kia	450
1979	Lincoln	450
1979-78	Mercury	450
1992-89	Ford	505
<b>Group 57</b>		
<b>310 CCA</b>		
1985-81	Ford	310
<b>Group 58</b>		
<b>380 - 540 CCA</b>		
1986-84	Ford	380
1988	Eagle	390
1986	Jeep	390
1989-88	Eagle	400
1985-81	Mercury	410
1985-84	Jeep	425
1987-83	Renault	425
1997-86	Jeep	430
1999-95	Dodge	450
1987-85	Jeep	450
1999-95	Plymouth	450
1986	Ford	460
1994-92	Ford	460
1994-92	Mercury	460
2000-95	Kia	470
1986-84	Jeep	475
2003-98	Ford	500
1997-84	Jeep	500
1999-98	Mercury	500
1997-85	Ford	540
1996-94	Mazda	540
2000-99	Mazda	540
1997-84	Mercury	540
2000-99	Shelby	540
<b>Group 58R</b>		
<b>540 - 580 CCA</b>		
2000-96	Ford	540
2000-96	Mercury	540
1997-90	Ford	580
1997-93	Mazda	580
<b>Group 59</b>		
<b>540 - 580 CCA</b>		
1993	Ford	540
2010-96	Ford	540
2008-06	Lincoln	540
2003-97	Mazda	540
2008-07	Mazda	540
1997-96	Mercury	540
2006-04	Mercury	540
2009-08	Mercury	540
1997	Mazda	590
2006-01	Mazda	590
2009	Mazda	590
<b>Group 60</b>		
<b>315 - 525 CCA</b>		
1955-54	Oldsmobile	315
1956-55	Packard	315

Year	Make	CCA
1956	Oldsmobile	325
1956	Oldsmobile	330
1964	Oldsmobile	370
1957	Chevrolet	373
1964-61	Oldsmobile	375
1964	Cadillac	385
1962-55	Buick	400
1965-57	Cadillac	400
1964-57	Oldsmobile	525
<b>Group 61</b>		
<b>310 - 450 CCA</b>		
1984-80	Ford	310
1983-80	Mercury	310
1983-80	Ford	450
<b>Group 62</b>		
<b>380 - 450 CCA</b>		
1989-80	Ford	380
1983-80	Mercury	380
1982-80	Ford	450
1983-80	Mercury	450
<b>Group 63</b>		
<b>450 CCA</b>		
1993-80	Ford	450
1982-80	Lincoln	450
1987-80	Mercury	450
<b>Group 64</b>		
<b>475 - 535 CCA</b>		
1986-80	Ford	475
1986-84	Mercury	475
1982	Ford	525
1989-88	Ford	525
1991-80	Ford	535
1987-81	Lincoln	535
1987-82	Mercury	535
<b>Group 65</b>		
<b>600 - 850 CCA</b>		
2010-02	Dodge	600
2009-06	Mitsubishi	600
2006-97	Ford	625
2010-09	Ford	625
2004-99	Jeep	625
2002	Dodge	650
2004	Dodge	650
2006	Dodge	650
2010-87	Ford	650
2010-88	Lincoln	650
1997-91	Mazda	650
2010-87	Mercury	650
2006	Mitsubishi	650
2009-07	Chrysler	750
2010-02	Dodge	750
2010-87	Ford	750
2008-95	Lincoln	750
2010	Lincoln	750
2010-98	Mercury	750
2008	Sterling	800
2002-86	Ford	850
1985-84	Lincoln	850

# BCI Group Size by Make

Year	Make	CCA
1998-87	Lincoln	850
1996-86	Mercury	850
<b>Group 66</b>		
<b>650 CCA</b>		
2005-02	Ford	650
2006-00	Lincoln	650
<b>Group 67R</b>		
<b>390 CCA</b>		
2009	Ford	390
2010-09	Mercury	39
<b>Group 70</b>		
<b>315 - 525 CCA</b>		
1984-81	Buick	315
1985-81	Chevrolet	315
1985-81	GMC	315
1983-81	Oldsmobile	315
1986-81	Pontiac	315
1983-80	Buick	350
1983	Buick	355
1983	Chevrolet	355
1983-78	GMC	355
1983-81	Oldsmobile	355
1985-81	Pontiac	355
1982-81	Buick	370
1986-77	Chevrolet	370
1981-72	GMC	370
1983-81	Pontiac	370
1983-81	Chevrolet	390
1982-81	Buick	400
1983-81	Chevrolet	400
1982-81	Pontiac	400
1983	Buick	405
1986-81	Chevrolet	405
1986-83	GMC	405
1986-81	Pontiac	405
1984-83	Chevrolet	415
1984-83	GMC	415
1982-81	Buick	425
1987-82	Chevrolet	425
1987-80	Pontiac	425
1982	Buick	440
1988-87	Buick	525
1991-86	Chevrolet	525
1986	GMC	525
1989-87	Pontiac	525
<b>Group 71</b>		
<b>275 - 450 CCA</b>		
1979-78	Buick	275
1982-75	Chevrolet	275
1980-77	GMC	275
1982	GMC	275
1979-76	Oldsmobile	275
1980-77	Pontiac	275
1967	Buick	350
1981-76	Buick	350
1982-71	Chevrolet	350
1985-84	Chevrolet	350
1983-75	GMC	350
1982-76	Oldsmobile	350
1981-75	Pontiac	350
1985-81	Buick	390

Year	Make	CCA
1986-83	Chevrolet	390
1986-76	GMC	390
1986-77	Oldsmobile	390
1971	Chevrolet	420
1980	Pontiac	425
1988	GMC	450
<b>Group 72</b>		
<b>275 - 430 CCA</b>		
1977-73	Buick	275
1977-70	Chevrolet	275
1977-70	GMC	275
1977-73	Oldsmobile	275
1976-73	Pontiac	275
1981	Pontiac	275
1977	Oldsmobile	310
1976-75	Buick	350
1977-71	Chevrolet	350
1977-75	Oldsmobile	350
1977-73	Pontiac	350
1976-75	Pontiac	425
1976	Chevrolet	430
<b>Group 73</b>		
<b>425 - 465 CCA</b>		
1978-76	Cadillac	425
1979-78	Buick	430
1978-76	Cadillac	430
1977	Chevrolet	430
1980-77	Oldsmobile	430
1979-78	Pontiac	430
1981-80	Cadillac	460
1982-81	Buick	465
1982-80	Cadillac	465
1982-80	Chevrolet	465
1981	GMC	465
1983-82	Oldsmobile	465
1982-81	Pontiac	465
<b>Group 74</b>		
<b>350 - 550 CCA</b>		
1974-73	Buick	350
1982	Buick	350
1980-70	Chevrolet	350
1973	Oldsmobile	350
1976-72	Pontiac	350
1972	Buick	400
1975-71	Buick	420
1975-70	Chevrolet	420
1975-71	Oldsmobile	420
1977	Oldsmobile	420
1975-70	Pontiac	420
1975-71	Chevrolet	425
1977-71	Buick	430
1976-75	Cadillac	430
1973	Checker	430
1976-71	Oldsmobile	430
1975-73	Pontiac	430
1982-70	Buick	465
1975	Cadillac	465
1979-77	Cadillac	465
1983-69	Chevrolet	465
1984-70	GMC	465
1982-71	Oldsmobile	465

Year	Make	CCA
1983-70	Pontiac	475
1976-73	Pontiac	500
1975-73	Buick	500
1978-77	Buick	500
1984	Buick	500
1976-71	Oldsmobile	500
1980-72	Pontiac	505
1980-78	Buick	505
1979-78	Cadillac	505
1982-75	Checker	505
1979-78	Chevrolet	505
1985-81	Jaguar	505
1979-77	Oldsmobile	505
1981-77	Pontiac	505
1983	Pontiac	525
1982-80	Oldsmobile	535
1981-78	Chevrolet	540
1980-79	Buick	540
1982-80	Chevrolet	540
1980-79	Oldsmobile	540
1980-77	Pontiac	550
1982-75	Buick	550
1982-79	Cadillac	550
1982-80	Chevrolet	550
1971-70	GMC	550
1973	GMC	550
1982-75	GMC	550
1972	Oldsmobile	550
1982-78	Oldsmobile	550
1984-82	Pontiac	550
<b>Group 75</b>		
<b>425 - 700 CCA</b>		
1991-89	Chevrolet	425
1989	GMC	430
1986	Pontiac	430
1986-81	Buick	500
1986-83	Cadillac	500
1989-82	Chevrolet	500
2001	Chevrolet	500
1991-88	GMC	500
1986-83	Oldsmobile	500
1986-82	Pontiac	500
2006-95	Chrysler	510
2006-95	dodge	510
2000-96	Plymouth	510
1996-86	Buick	525
2007-82	Chevrolet	525
2005-82	GMC	525
2000-96	Isuzu	525
2001-87	Oldsmobile	525
2004	Oldsmobile	525
2007-86	Pontiac	525
2002-91	Saturn	525
2007	Saturn	525
1987-83	GMC	550
1996	Oldsmobile	550
1989-86	Chevrolet	570
1993-91	Chevrolet	570
1993-87	GMC	570
1992-82	Pontiac	570
2006	Chevrolet	590

# BCI Group Size by Make

Year	Make	CCA	Year	Make	CCA	Year	Make	CCA
1998-93	Buick	600	2004-95	Oldsmobile	600	2008	Subaru	430
2003-93	Chevrolet	600	2005-95	Pontiac	600	2002-99	Chevrolet	550
2006-05	Chevrolet	600	2009-05	Saab	600	1993-88	Pontiac	550
2004-92	Oldsmobile	600	2007-02	Saturn	600	2009-96	Suzuki	550
2006-93	Pontiac	600	1987-86	Buick	630	2009-08	Buick	590
2006-02	Saturn	600	2000-77	Chevrolet	630	2009-08	Cadillac	590
1994-83	Buick	630	2000-81	GMC	630	2010-08	Chevrolet	590
1988-85	Cadillac	630	1987-86	Oldsmobile	630	2008	Pontiac	590
1995-82	Chevrolet	630	1994-91	Oldsmobile	630	2004-01	Chevrolet	600
1987-85	GMC	630	2001-96	Oldsmobile	630	2006-04	Pontiac	600
1995-83	Oldsmobile	630	1992	Dodge	650	2004	Suzuki	600
2002-83	Pontiac	630	2002-98	Dodge	650	2009	Buick	625
2005-88	Chevrolet	690	2010	Chevrolet	675	2007-06	Chevrolet	625
2007	Chevrolet	690	2004-91	Buick	690	2007-05	Pontiac	625
1994-91	Oldsmobile	690	1996-93	Cadillac	690	<b>Group 86</b>		
2002-91	Pontiac	690	2002-92	Chevrolet	690	<b>430 - 640 CCA</b>		
2007	Saturn	690	2005-04	Chevrolet	690	1997-96	Chrysler	430
1993-87	Chevrolet	700	2002-91	GMC	690	1994-90	Eagle	430
<b>Group 76</b>			2006	GMC	690	1996	Honda	430
<b>750 - 1075 CCA</b>			2002-92	Oldsmobile	690	1997-93	Isuzu	430
1985-84	Oldsmobile	750	2003-96	Pontiac	690	1994-90	Mitsubishi	430
1985	Oldsmobile	840	1995-94	Chevrolet	690	1999-96	Mitsubishi	430
1983-82	Buick	970	1985-83	Buick	730	1994-90	Plymouth	430
1997-95	Buick	1075	1990-87	Buick	730	2000-95	Dodge	510
1997-95	Cadillac	1075	1992-87	Cadillac	730	2005-03	Dodge	510
<b>Group 77</b>			1986	Chevrolet	730	2003-99	Mitsubishi	520
<b>360 - 500 CCA</b>			1993-89	Chevrolet	730	2010-95	Chrysler	525
1971-71	Buick	360	1991-88	Oldsmobile	730	2002-99	Daewoo	525
1973-71	Buick	375	1999-92	AM General	770	2010-95	Dodge	525
1974-72	Oldsmobile	430	2001	AM General	770	1998-90	Eagle	525
1974-71	Cadillac	465	1994-84	Buick	770	2002	Jeep	525
1974-71	Oldsmobile	500	2004-97	Buick	770	2010-07	Jeep	525
<b>Group 78</b>			1982	Cadillac	770	2010-95	Mitsubishi	525
<b>465 - 800 CCA</b>			2002-84	Cadillac	770	1994-90	Plymouth	525
1982-81	Pontiac	465	1973	Chevrolet	770	2002-00	Kia	540
1987-84	GMC	500	1988-83	Chevrolet	770	2010-04	Chevrolet	550
1993-90	GMC	500	2010-91	Chevrolet	770	2007-05	Pontiac	550
1985-83	Cadillac	515	1997-93	Dodge	770	2005-04	Cadillac	590
1986-83	Chevrolet	515	2010-94	GMC	770	2010-04	Chevrolet	590
1986-82	GMC	515	2002	Hummer	770	2010-04	GMC	590
1983-82	Chevrolet	525	1985-83	Oldsmobile	770	2010-09	Hummer	590
1993-84	Cadillac	540	1992-91	Oldsmobile	770	2006	Pontiac	590
1993-83	Chevrolet	540	1997-95	Oldsmobile	770	2009-08	Pontiac	590
2004-00	Chevrolet	540	1985-84	Pontiac	770	2009-04	Saturn	590
1993-84	GMC	540	2003-95	Pontiac	770	2008-04	Suzuki	610
2001	GMC	540	2000	AM General	800	2002-01	Daewoo	620
1985-83	Buick	550	<b>Group 79</b>			2000-99	Daewoo	630
1987-79	Cadillac	550	<b>770 - 840 CCA</b>			2007-04	Chevrolet	640
1986-83	Chevrolet	550	2006	Chevrolet	770	2007-04	GMC	640
1987-82	GMC	550	2006	GMC	770	2008-06	Hummer	640
1989	GMC	550	2007-06	Buick	800	2008-06	Isuzu	640
1985-82	Oldsmobile	550	2007-98	Cadillac	800	2007	Pontiac	640
1986-82	Pontiac	550	2006-03	Chevrolet	800	2007	Saturn	640
2007-94	Buick	600	2005-03	GMC	800	<b>Group 90</b>		
2000-99	Cadillac	600	2003-00	Pontiac	800	<b>450 - 650 CCA</b>		
2007-02	Cadillac	600	1999-98	Buick	840	2001-95	Kia	450
1967-66	Chevrolet	600	2007-03	Hummer	840	1984-81	BMW	520
2009-74	Chevrolet	600	1999-98	Oldsmobile	840	1989-88	BMW	520
1987-83	GMC	600	<b>Group 85</b>			2009-00	Kia	540
2010-91	GMC	600	<b>430 - 625 CCA</b>			2007-06	Cadillac	590
2008-03	Isuzu	600	1999-90	Subaru	430			

# BCI Group Size by Make

Year	Make	CCA
2006	Chevrolet	590
2010-08	Chevrolet	590
2009-08	Pontiac	590
2009-08	Saturn	590
1983-82	BMW	600
2010-05	Chevrolet	600
2009-05	Pontiac	600
2009-08	Saturn	650
<b>Group 91</b>		
<b>590 - 700 CCA</b>		
2010-04	Volvo	590
1999-81	BMW	600
2001	BMW	600
2007-93	Bentley	600
2001-97	Cadillac	600
1983-81	Porsche	600
1989	Porsche	600
1995-92	Porsche	600
2009-08	Saturn	600
2002	Land Rover	690
2003-00	Bentley	700
2009-06	Bentley	700
<b>Group 92</b>		
<b>575 - 720 CCA</b>		
1999-92	BMW	575
1989-83	BMW	650
1999-91	BMW	650
2010-07	Volvo	700
2003-02	Jaguar	720
<b>Group 93</b>		
<b>680 - 800 CCA</b>		
2009-04	Jaguar	680
2008-06	Volkswagen	740
2010	Volkswagen	740
2009-08	Volkswagen	790
1997-85	BMW	800
2008	BMW	800
2009-07	Jaguar	800
2009-07	Volvo	800
<b>Group 94R</b>		
<b>570 - 790 CCA</b>		
2005-03	Audi	570
2002-00	Volkswagen	620
2008	Jeep	625
2002	Audi	640
2010-07	Audi	640
2005-02	BMW	640
2006-04	Porsche	640
2008-02	Volkswagen	640
2006-00	Audi	650
2009-08	Audi	650
1979	Porsche	650
1986-82	Porsche	650

Year	Make	CCA
2010-01	Porsche	650
2010-09	BMW	680
2008-07	Dodge	700
2006-04	Jaguar	700
2010-03	Land Rover	700
2010-08	Mercedes-Benz	700
2008	Pontiac	700
2005-03	Volkswagen	700
1977-73	Buick	700
2010-04	Volvo	700
2010-08	BMW	720
2010-09	Buick	720
2010-09	Cadillac	720
2010	Chevrolet	720
2009	Pontiac	720
2010-05	Chrysler	730
2010-05	Dodge	730
2010-05	Jeep	730
2010	Dodge	750
2010	Jeep	750
2010-07	BMW	760
2001-99	BMW	765
2008-05	BMW	765
2006	Volkswagen	790
2010-08	Volkswagen	790
<b>Group 95R</b>		
<b>760 - 950 CCA</b>		
2008-07	BMW	760
2003	BMW	800
2010-07	Audi	850
2002-01	BMW	850
2004	BMW	850
2001-95	BMW	950
<b>Group 96R</b>		
<b>500 - 590 CCA</b>		
2010-00	Ford	500
2004-01	Mazda	500
2010-06	Mercury	500
2007	Ford	540
2007-05	Avanti	590
1997-95	Ford	590
2010-07	Ford	590
2010-09	Mazda	590
1997-95	Mercury	590
<b>Group 97R</b>		
<b>575 CCA</b>		
1996	Volkswagen	575
2003-98	Volkswagen	575
<b>Group 98R</b>		
<b>620 - 760 CCA</b>		
1997	Volkswagen	620
1999	Volkswagen	620
1997	Volkswagen	650
2009-06	Mercedes-Benz	760
<b>Group 99R</b>		

Year	Make	CCA
<b>470 CCA</b>		
2008	Nissan	470
<b>Group 100</b>		
<b>770 CCA</b>		
2005-00	Buick	770
2003-01	Oldsmobile	770
2005-00	Pontiac	770
<b>Group 101</b>		
<b>540 CCA</b>		
2007-03	Cadillac	540
<b>Group 121R</b>		
<b>500 - 600 CCA</b>		
2010-95	Hyundai	500
2007	Hyundai	550
2010-09	Hyundai	550
1998-97	Hyundai	600
<b>Group 124R</b>		
<b>500 - 700</b>		
2006	Hyundai	500
2000-99	Hyundai	540
2005-99	Hyundai	550
2009	Hyundai	550
2005-03	Hyundai	560
2010-97	Hyundai	600
2010-01	GMC	550
2002-01	Kia	550
2010-08	Hyundai	660
2010	Hyundai	700
2009	Kia	700
<b>Group 151R</b>		
<b>330 - 335 CCA</b>		
2010	Honda	330
2010-06	Honda	335
<b>Group 165</b>		
<b>900 CCA</b>		
2009	Kia	900
<b>Group S34B20L</b>		
<b>270 CCA</b>		
2003-01	Toyota	270
<b>Group S34B20R</b>		
<b>270 CCA</b>		
2009-04	Toyota	270
<b>Group S46B24R</b>		
<b>270 CCA</b>		
2009-04	Toyota	270
<b>Group S65D26L</b>		
<b>270 CCA</b>		
2010-08	Lexus	360
<b>Group S75D31L</b>		
<b>450 CCA</b>		
2008	Lexus	450

# BCI Group Size to Part Number

BCI Grp.	BCI Fig.	Volts	Replacement Part No. (Batteries should meet or exceed O.E. Cold Cranking Amps. Some cable or tray modifications may be necessary.)
1	2	6	8C-3617
2	2	6	8C3629, 8C-3617
2E	5	6	8C-3632
2L	1	6	
2N	1	6	8C-3617 <sup>(1)</sup>
3	2	6	8C-3629 <sup>(2)</sup>
3D	2	6	8T-9732, 8C-3630, 8C-3629, 8C-3617
3EE	9	12	8C-3620
3EH	5	6	8C-3632
3ET	9	12	8C-3620
4	2	6	8C-3633, 8T-9733
4B	8	12	153-5720, 153-5720, 628-8824, 153-5700, 153-5710, 153-5700
4D	8	12	153-5700, 153-5710, 153-5700, 153-5710
4DLT	16L	12	8C-3622, 153-5700 <sup>(1)(2)</sup> , 153-5710, 153-5700 <sup>(1)(2)</sup>
4EH	5	6	8C-3632
5D	2	6	8C-3633, 8C-3602
6D	8	12	153-5700, 153-5710, 153-5700,
7D	2	6	8C-3633, 8T-9733
8D	8	12	153-5720, 153-5720, 628-8824
9D	2	6	
12T	10	12	See Group 24
16TF	10F	12	NA
17HF	2B	6	8C-3617 <sup>(3)</sup>
17TF	11L	12	NA
19L	2	6	See Group 1 <sup>(2)</sup>
20H	10	12	8C-3636 (With SAE adapter or change cable)
21	10	12	8C-3600
21R	11	12	8C-3600 <sup>(4)</sup>
22F	11F	12	3T-5859, 9X-1384
22HF	11F	12	3T-5859, 9X-1384
22NF	11F	12	See Group 22F <sup>(5)</sup>
22NL	11	12	See Group 22F <sup>(5)</sup> , Watch post clearance
22R	11	12	See Group 22F
23	11L	12	See Group 24F
24	10	12	153-5656, 3T-5857, 9X-1383, 127-0824, 127-0826
24F	11F	12	3T-5858, 9X-1382, 127-0824, 127-0826
24H	10	12	See Group 24

BCI Grp.	BCI Fig.	Volts	Replacement Part No. (Batteries should meet or exceed O.E. Cold Cranking Amps. Some cable or tray modifications may be necessary.)
24R	11	12	See Group 24F
24T	10	12	See Group 24
25	10	12	145-4517, 8C-3600
26	10	12	145-4517, 8C-3600
26R	11	12	145-4517, 8C-3600 <sup>(4)</sup>
27	10 <sup>(6)</sup>	12	153-5656, 8C-3601, 127-0824, 127-0826, 130-1978
27F	11F	12	8C-3602, 127-0824, 127-0826
27H	10	12	See Group 27
27HF	11F	12	See Group 27
28	18	12	153-5656 <sup>(7)</sup> , 8C-3638, Watch Height Clearance
29H	10	12	9X-1379 See Group 31 (SAE)
29HR	11	12	See Group 31 (SAE)
29NF	11F	12	See Group 2 <sup>(2)</sup>
30HR	11	12	See Group 31 (SAE)
31	18	12	175-4370 175-4370, 175-4390
31 SAE	18	12	115-2422, 115-2422 & 9X-3404, 9X-3404, 3T-5760, See Group 29H
33	11F	12	115-2422 & 9X-3404, 115-2422
34	10	12	127-0826, 153-5656 <sup>(1)</sup> , 3T-5857 <sup>(1)</sup> , 9X-1383 <sup>(1)</sup>
34R	11	12	127-0826 <sup>(4)</sup>
35	11	12	3T-5859 <sup>(8)</sup> , 9X-1384 <sup>(8)</sup>
36R	19	12	NA
39	15	12	NA
40R	15	12	NA
41	15	12	8C-3605
42	15	12	8C-3605 <sup>(8)</sup>
43	15	12	8C-3605
45	10F	12	NA
46	10F	12	127-0824
47	24	12	8C-3605 <sup>(3)</sup>
48	24	12	NA
49	24	12	8C-3605 <sup>(9)</sup>
50	10	12	NA
51	10	12	NA
51R	11	12	NA
52	10	12	NA

- 1 Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**
- 2 Check O.E. CCA requirements. Replacement battery may not be sufficient.
- 3 Replacement batter is longer than O.E. Hold-down and/or tray replacement may be necessary.
- 4 Replacement batter is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.
- 5 Replacement batter is wider than O.E. Hold-down and/or tray replacement may be necessary.
- 6 10 w/ CL Term
- 7 Modification of head shield or battery cover may be required.
- 8 Check cable length.
- 9 Replacement batter is longer and taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!** Hold-down and/or tray replacement may be necessary.

# BCI Group Size by Make

BCI Grp.	BCI Fig.	Volts	Replacement Part No. (Batteries should meet or exceed O.E. Cold Cranking Amps. Some cable or tray modifications may be necessary.)
53	14	12	NA
54	19	12	8C-3611
55	19	12	8C-3611
56	19	12	8C-3611
57	22	12	
58	26	12	
58R	19	12	
59	21	12	NA
60	12	12	NA
61	20	12	8C-3611
62	20	12	8C-3611
63	20	12	8C-3611
64	20	12	8C-3611
65	21	12	230-6368
66	13	12	230-6368
67R	39	12	NA
70	17	12	7X-6100 <sup>(11)</sup>
71	17	12	See Group 70
72	17	12	See Group 70
73	17	12	See Group 70
74	17	12	7X-6100, 127-0824, 127-0826
75	17	12	7X-6100, 127-0826

BCI Grp.	BCI Fig.	Volts	Replacement Part No. (Batteries should meet or exceed O.E. Cold Cranking Amps. Some cable or tray modifications may be necessary.)
76	17	12	127-0824 <sup>(12)</sup>
78	17	12	127-0826 <sup>(12)</sup>
85	11	12	See Group 22F
86	10	12	8C-3600
90	24	12	NA
91	24	12	8C-3605 <sup>(13)</sup>
92	24	12	8C-3605 <sup>(13)</sup>
93	24	12	NA
94R	24	12	NA
95R	24	12	NA
96R	15	12	NA
97R	15	12	NA
98R	15	12	NA
99	34	12	NA
99R	24	12	NA
100	35	12	NA
101	17	12	NA
121R	11H	12	NA
124R	11H	12	NA
GC2	2	6	8C-3641
U1	10	12	8C-3636
U1R	11	12	8C-3636 <sup>(14)</sup>

## NOTE

**Important: Always check for proper polarity and sufficient clearance before connecting cables and closing hood or covers! ALWAYS WEAR SAFETY GLASSES WHEN WORKING AROUND BATTERIES! BATTERIES CAN EXPLODE! Do not attempt battery replacement without proper training.**

<sup>10</sup> Check cable length.

<sup>11</sup> Check O.E. CCA requirements. Replacement battery may not be sufficient.

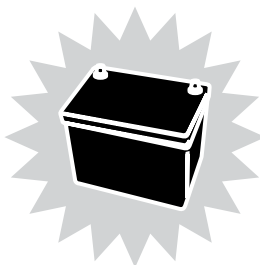
<sup>12</sup> Replacement battery is taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!**

<sup>13</sup> Replacement battery is longer and taller than O.E. **Check height clearance carefully before closing hood or cover to avoid sparks, battery explosion, electrical system and/or vehicle damage and fire!** Hold-down and/or tray replacement may be necessary.

<sup>14</sup> Replacement battery is longer and wider than O.E. Hold-down and/or tray replacement may be necessary.



# Labor-Intensive Battery Replacement



## Vehicles Requiring Labor-Intensive Battery Replacement

The following vehicles require "above average, over 30 minutes" time and effort to install a replacement battery. Additional labor charges may be added to the invoice as a result. Consult your service installer for the exact charge.

		Battery Location <sup>(1)</sup>
<b>Audi</b>		
2010	A3	153
2008-1996	A4, Quattro	138
2010	A5, A6	139
2009	A6	139
2008-1995	A6, Quattro	138
2010-1997	A8	139
2005-2001	Allroad Quattro	138
2010	Q5, Q7	153
2009	Q5	139
2010-1992	S4, S6, S8	139
2006-2000	TT	43
2006-2004	TT, Quattro	43
2010	TT, Quattro	139
<b>BMW</b>		
2010-1978	1, 3, 5, 7-Series	139
2010-1995	M3, M5, M6	139
2010-2004	X3, X5, X6	46
2010-2003	Z4, Z8	139
<b>Buick</b>		
2009	Allure	137
2005-1997	Century	137
2010	Enclave	184
2010	LaCrosse	137
2005-2000	LeSabre	41
2010	Lucerne	153
2007-2004	Rainier	11
2004-1990	Regal	137
2007-2002	Rendezvous	137
1999-1995	Riviera	137
2007-2005	Terraza	43
<b>Cadillac</b>		
1993-1987	Allante	184
2001-1997	Catera	137
2010	CTS	46
2007-03	CTS, STS	137
2005-2000	Deville	41
1985	Deville	41

		Battery Location <sup>(1)</sup>
2008-06	DTS	41
2004-1998	Seville	41
2007-2004	SRX	41
2007-2004	XLR	41
<b>Chevrolet</b>		
2010	Camaro	139
2010	Cobalt	139
2010-2004	Colorado	11
2010-2006	Corvette	139
2000-1990	Corvette	137
2010	HHR	139
2010-1990	Impala	137
2002-1990	Lumina	42
1996-1990	Lumina APV	43
2007-1995	Monte Carlo	137
1999-1990	Monte Carlo	42
2008-2002	Trailblazer	11
2010	Traverse	208
2008-2005	Uplander	43
2005-1997	Venture	43
<b>Chrysler</b>		
2010	300	139
2004-1999	300M	40
2000-1995	Cirrus	40
2004-1998	Concorde	40
2004-1998	Intrepid	40
2001-1999	LHS	40
2010-2001	PT Cruiser	45
2010-1996	Sebring	40
<b>Dodge</b>		
2000-1994	All Pick-Ups & Vans	137
2010	Avenger	40
2010	Challenger, Charger	139
2000-1998	Durango	137
2004-1998	Intrepid	40
2005-1995	Neon	137
2010-2007	Sprinter	153
2006-1995	Stratus	40

		Battery Location <sup>(1)</sup>
2006-1992	Viper	152
2010	Viper	139
<b>Ford</b>		
2005-2002	Thunderbird	139
<b>GMC</b>		
2010	Arcadia	208
2008-04	Canyon	11
<b>Infiniti</b>		
2002-1991	G20	137
<b>Lexus</b>		
2010-2007	GS450H, LS600H	139
1994-1990	LS400	137
2000-1992	SC400	137
<b>Lincoln</b>		
2006-2000	LS	139
<b>Mazda</b>		
2007-1990	Miata	139
<b>Mercedes-Benz</b>		
2010-2006	B200	208
2010-1998	CLK & C-Series	139
2010-1995	E-Series	41
2010-2009	G55, 550	41
2010-2009	GL, ML, R	208
2004-1998	ML-Series	137
2010-2009	S4, S6	139
2007-1998	SL-Series	139
2007-2003	SLK-Series	41
<b>Nissan</b>		
2006-2003	350Z	138
<b>Oldsmobile</b>		
2003-1995	Aurora	41
1999-1997	Cutlass	137
1991-1990	Cutlass Calais	137
1994-1990	Cutlass Ciera	137
1997-1990	Cutlass Supreme	42
2002-1998	Intrigue	137
2004-1990	Silhouette	43
<b>Plymouth</b>		

<sup>1</sup> For battery locations, See page 542.

# Labor-Intensive Battery Replacement

		Battery Location <sup>(2)</sup>
2000-1996	Breeze	40
2000-1995	Neon	137
<b>Pontiac</b>		
2005-2001	Aztec	42
2005-2000	Bonneville	41
2009-2008	G8	139
2007-1990	Grand Prix	137
1996-1990	Grand Prix	42
2010-1999	Montana	42
1997-1994	Sunrunner	42
1998-1990	Trans Sport	42
<b>Porsche</b>		
2010-1999	911	138

		Battery Location <sup>(2)</sup>
2010-1998	Boxster	138
2005-1998	Carrera	138
2010	Cayman	138
2010-03	Cayenne	153
<b>Saturn</b>		
2009-1991	All	137
<b>Smart Car</b>		
2010-05	Fortwo	208
<b>Toyota</b>		
1997-1991	Previa	137
<b>Volkswagen</b>		
2010-1998	Beetle	44

		Battery Location <sup>(2)</sup>
2005	Phaeton	137
2010-1998	Golf	43
2010-1998	GTI, GLS	43
2010-1998	Jetta	43
2010-1998	Passat	43
2010	Passat CC	139
2010-2004	Touareg	153
<b>Volvo</b>		
2010-2008	C30, C70	137
2010-2005	S40, S60, S80	139
2010-2005	V50, V70	139
2010-2007	XC70, XC90	139

## Battery Locations

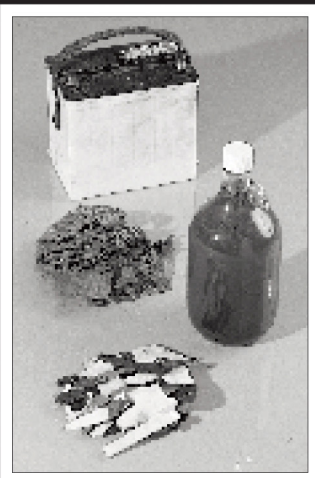
- 11 Battery Located Under Hood in Active Cooling Box.
- 40 Battery Located in Wheelwell - Remove front tire to access the battery.
- 41 Battery Located Under the Rear Seat.
- 42 Battery Located Under Hood, Under the Washer Bottle.
- 43 Battery Located Under Hood, Under the Fuse Box.
- 44 Battery Located Under Hood, Under the Fuse Box. Power steering reservoir must be moved.
- 45 Battery Located Under Hood, Under the Air Filter.
- 46 Battery Located in Trunk. Spare tire may have to be removed.
- 137 Battery Located Under Hood.
- 138 Battery Located Under Hood by Windshield.
- 139 Battery Located in Trunk.
- 152 Battery Located Behind Left Rear Tire, Remove Tire.
- 153 Battery Located Under Driver's Seat.
- 184 Battery Located Behind the Passenger Seat.
- 208 Battery Located Under Floor on Passenger Side.

<sup>2</sup> For battery locations, See page 542.

## Batteries are Recyclable!



Imagine the environmental damage that can be caused by carelessly discarding 18 pounds of lead, two pounds of plastic and a gallon of acid: the contents of a lead-acid battery. Now imagine that damage compounded by 75,000,000: the approximate number of lead-acid batteries available for recycling each year in the United States. Fortunately, scrap lead-acid batteries can be safely recycled. In fact, they have been recycled since the 1920's, and today these batteries have a higher recycling rate than other waste products such as aluminum, paper and beverage containers made of glass or plastic, just to name a few. Over 98% of all used batteries are recycled today. This is an EPA-permitted recycling system, which is important for you to know because hazardous disposal laws place heavy penalties on offenders and considerable paperwork burden on everyone. You can be assured that your scrap is being recycled in an environmentally safe manner.

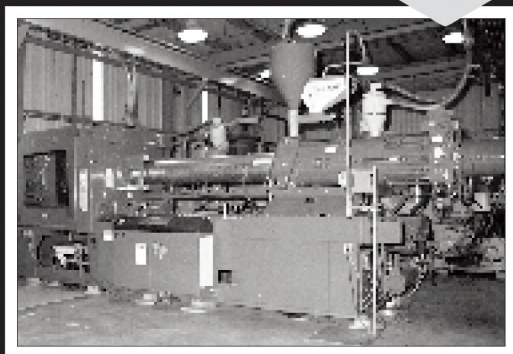


Scrap lead-acid batteries are disassembled in a ventilated battery breaker, where the lead, plastic and acid are safely separated.

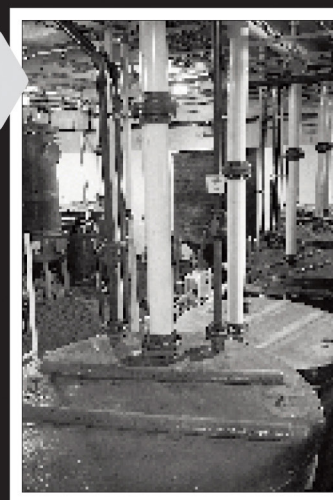


The lead is processed and smelted in the reverberatory furnace, producing metal which goes to the refinery. There, it is placed in kettles, combined with reagents and alloyed into lead for use in new batteries.

The recycled plastic from the battery cases and covers is reclaimed in the plastic recovery plant, where it is cleaned and separated into polypropylene and lead-bearing materials. Polypropylene is recycled to make cases and covers for new batteries and other plastic products.



Battery acid is recycled in a patented acid reclamation plant. This one-of-a-kind, computer-controlled facility allows recycling of used battery acid for use in the production of new batteries. Test show no difference in the performance of batteries using the recycled sulfuric acid when compared to batteries using new acid.







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