



D SERIES BACKHOE LOADER PARTS REFERENCE GUIDE

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PROTECT YOUR INVESTMENT WITH GENUINE CAT® PARTS


Thank you for selecting the Cat® D Series Backhoe Loader.

This guide is designed to provide you with a quick reference for the parts and part numbers you need to keep your Cat Backhoe Loader running at peak efficiency.

MAINTENANCE

Proactive preventative maintenance extends the life of your machine and protects your investment. Only Caterpillar knows Cat equipment's filtration and lubrication requirements and offers parts kits to match your machine's maintenance cycles.


SCHEDULED MAINTENANCE PARTS

	GREASES
	PLANNED MAINTENANCE KITS


REPLACEMENT PARTS

Proper maintenance minimizes the need for repair and replacement. In the event that replacement parts are required, the use of genuine Cat parts helps maximize machine performance and maintains high resale value.

MINOR REPAIR PARTS

	MIRRORS AND LIGHTS
	CAB GLASS

OCCASIONAL REPAIR PARTS

	BATTERY
	ENGINE PARTS
	WEARPADS AND SHIMS
	COMMON GROUND ENGAGING TOOLS
	QUICK DISCONNECTS

GREASES D Series

Previous Cat Product Name	STANDARD MAINTENANCE GREASES			GREASES FOR UNIQUE APPLICATIONS AND ENVIRONMENTS			
	Cat Ultra5 Moly #1	Cat Ultra5 Moly #2	Cat Advanced 3 Moly	Cat Arctic Platinum	Cat Desert Gold	Cat Multipurpose	Hammer Paste
Current Cat Product Name	Cat Extreme Application Grease 1	Cat Extreme Application Grease 2	Cat Prime Application Grease	Cat Extreme Application Grease - Arctic	Cat Extreme Application Grease - Desert	Cat Utility Grease	
Grade (NLGI)	1	2	2	0	2	2	2
Melting point (deg C)	260	260	260	230	280	260	230
Ambient Temperature (deg C)	-35 to +40	-30 to +50	-20 to +40	-35 to +40	-30 to +50	-30 to +40	-20 to +1100
Base Oil Type	Mineral	Mineral	Mineral	Semi-Synthetic	Mineral	Mineral	Mineral
Color	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Dark Gray	Blue	Bronze
Cartridge (390 g / 14 oz)	452-5996	452-6001	452-6006	452-7459	452-6016	452-6011	130-6951
Plastic Pail (5 kg / 11 lb)	—	—	—	—	—	—	133-8807
Plastic Pail (16 kg / 35 lb)	452-5999	452-6004	452-6009	452-6020	452-6019	452-6014	—
Keg (55 kg / 120 lb)	452-5998	452-6003	452-6008	452-7461	452-6018	452-6013	—
Drum (180 kg / 400 lb)	452-5997	452-6002	452-6007	452-7460	452-6017	452-6012	—



PLANNED MAINTENANCE KITS

500 Hours	Backhoe Loader Side Shift		Engine Oil/Filter Change		Air Filter	Fuel Filter Change	Transmission Filter Change		Hydraulic Filter Change	Lubricate Machine
	Sales Model	Serial Number	Filter Element	Oil Qty (L) DEO-ULS™	Primary Element	Primary Element	Filter Element	Seal	Filter Element	Prime Application Grease
	428D	BLL, BMT, BNB, BNS, BXC, DSX, MBM	7W-2326	8	293-4053	361-9554	119-4740	5P-6718	126-1817	452-6006
	432D	BLD, TDR, WEP	7W-2326	8	293-4053	361-9554	119-4740	5P-6718	126-1817	452-6006
	438D	BPE, BPN	7W-2326	8	293-4053	361-9554	119-4740	5P-6718	126-1817	452-6006
442D	BRG, BRY, SMJ, TBD	7W-2326	8	293-4053	361-9554	119-4740	5P-6718	126-1817	452-6006	

1,000 Hours	Backhoe Loader Side Shift		Engine Oil/Filter Change		Air Filter		Fuel Filter Change	Cabin Air		Hydraulic Filter Change	Lubricate Machine
	Sales Model	Serial Number	Part Number	Oil Qty (L) DEO-ULS™	Primary Element	Secondary Element	Primary Element	Recirculating Element	Fresh Air Element	Filter Element	Prime Application Grease
	428D	BLL, BMT, BNB, BNS, BXC, DSX, MBM	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	126-1817	452-6006
	432D	BLD, TDR, WEP	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	126-1817	452-6006
	438D	BPE, BPN	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	126-1817	452-6006
442D	BRG, BRY, SMJ, TBD	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	126-1817	452-6006	

Transmission Filter Change		Front Differential Oil Change		Front Final Drive Oil Change (each side)		Rear Differential Oil Change			Rear Final Drive Oil Change (each side)	
Filter Element	Seal	Oil Qty (L) TDTO	O-Ring	Oil Qty (L) TDTO	O-Ring	Oil Qty (L) TDTO	O-Ring	Additive	Oil Qty (L) TDTO	O-Ring
119-4740	5P-6718	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	5P-6718	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	5P-6718	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	5P-6718	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228

2,000 Hours	Backhoe Loader Side Shift		Engine Oil/Filter Change		Air Filter		Fuel Filter Change	Cabin Air		AC Receiver	Lubricate Machine	Hydraulic Tank	Hydraulic Oil/Filter Change	
	Sales Model	Serial Number	Filter Element	Oil Qty (L) DEO-ULS™	Primary Element	Secondary Element	Primary Element	Recirculating Element	Fresh Air Element	Dryer	Prime Application Grease	Breather	Filter Element	Oil Qty Hydo Adv 10 (L)
	428D	BLL, BMT, BNB, BNS, BXC, DSX, MBM	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	186-6190	452-6006	9R-9925	126-1817	42
	432D	BLD, TDR, WEP	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	186-6190	452-6006	9R-9925	126-1817	42
	438D	BPE, BPN	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	186-6190	452-6006	9R-9925	126-1817	42
442D	BRG, BRY, SMJ, TBD	7W-2326	8	293-4053	227-7449	361-9554	206-7514	170-7272	186-6190	452-6006	9R-9925	126-1817	42	

Transmission Oil Change			Front Axle	Front Differential Oil Change		Front Final Drive Oil Change (each side)		Rear Axle	Rear Differential Oil Change			Rear Final Drive Oil Change (each side)		
Filter Change	Oil Qty (L) TDTO	Seal	Breather	Breather	Oil Qty (L) TDTO	O-Ring	Oil Qty (L) TDTO	O-Ring	Breather	Oil Qty (L) TDTO	O-Ring	Additive	Oil Qty (L) TDTO	O-Ring
119-4740	19	5P-6718	7T-3251	055-1990	11	(2) 6V-6228	1	6V-6228	5F-5434	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	055-1990	11	(2) 6V-6228	1	6V-6228	5F-5434	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	055-1990	11	(2) 6V-6228	1	6V-6228	5F-5434	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	055-1990	11	(2) 6V-6228	1	6V-6228	5F-5434	17	(2) 6V-6228	197-0017	2	6V-6228

MIRRORS AND LIGHTS D Series

Mirror Location	Notes	Part Number
Rearview Bracket	Single arm	122-2051
Mirror (RH)	Single arm	122-2052
Mirror (LH)	Single arm	122-2053
Rearview Bracket (RH)	Twin arm	159-7106
Rearview Bracket (LH)	Twin arm	159-7105
Mirror	Twin arm	123-6620

Lamp Type	Notes	Part Number
Flood Lamp	Front & Rear	234-4328
	Bulb	55w/12v
		9W-0607
Lamp (Head & Signal)	(RH)	212-9357
Lamp (Head & Signal)	(LH)	3E-7585
	Bulb	55w/12v (Head)
	Bulb	21w/12v (Signal)
	Bulb	4w/12v (Miniature)
		100-3246
Lamp (Registration plate)		101-4448
	Bulb	10w/12v
		195-9712
Beacon (Fixed)	Roof mounted	180-3663
	Bulb	55w/12v (Beacon)
		9X-8118
Beacon (Magnetic)	Roof mounted	180-3664
	Bulb	55w/12v (Beacon)
		9X-8118
Lamp (Signal & Stop)	Rear	092-2992
	Bulb	12v (Stop)
	Bulb	21w/12v (Signal)
		3C-6516
		3C-4883
Lamp (Roading-Fog)		220-8698
	Bulb	21w/12v (Signal)
		5G-3244

CAB GLASS D Series

Position	Part Number
Windscreen (Top)	164-1070
Windscreen (Bottom RH)	164-1071
Windscreen (Bottom LH)	164-1072
LH Door (Top)	164-1067
LH Door (Bottom)	8Y-7264
RH Door (Top)	164-1066
RH Door (Bottom)	8Y-7263
LH Side	164-1065
RH Side	164-1064
LH Rear Quarter	164-1069
RH Rear Quarter	164-1068
Rear Windscreen (Top)	164-1303
Rear Windscreen (Bottom)	164-1304



BATTERY D Series

Part Number	Voltage	CCA (Amps)	Capacity (AH)	Type	Service Interval (Hours)	Length (mm)	Width (mm)	Height (mm)
230-6368	12	880	-	Wet	-	304	191	192



ENGINE PARTS D Series

Sales Model	Serial Prefix	Cooling System			Auxiliary Drive Belt		Fueling System					
		Water Pump		Thermostat	With AC	Without AC	Fuel Pump		Fuel Injector		Turbo	
		New	Gasket Set				New	Reman	New	Reman	New	Reman
428D	BLL, BNB	239-6141	201-8745	220-2748	4N-8597	7W-3896	213-4881	-	170-0583	20R-0327	148-7183	-
	BNS, BMT	239-6142							170-2387			
	BXC, DSX, MBM	225-8016	247-0144	254-2267	1W-2934	5L-3308	236-8228	-	236-1674	20R-0471	237-3786	10R-9577
432D	BLD	239-6141	201-8745	220-2748	4N-8597	7W-3896	197-3901	-	170-2387	20R-0327	148-7183	-
	TDR, WEP	225-8016	247-0144	254-2267	1W-2934	5L-3308	237-5213	-	236-1674	20R-0471	237-3786	10R-9577
438D	BPE, BPN	239-6141	201-8745	220-2748	4N-8597	7W-3896	196-5548	20R-0330	170-2387	20R-0327	149-0009	-
442D	BRG, BRY	239-6141	201-8745	220-2748	4N-8597	7W-3896	196-5548	20R-0330	170-2387	20R-0327	149-0009	-
	SMJ, TBD	225-8016	247-0144	254-2267	1W-2934	5L-3308	236-8228	-	236-1674	20R-0471	237-3786	10R-9577

All Models	Alternator	55 Amp	90 Amp	120 Amp	Starting Motor	Part #
	New	105-2812	105-2813	383-2557	New	143-0539
	Reman	0R-9273	0R-9274	-	Reman	0R-4316



WEARPADS AND SHIMS D Series

Function	Notes	Part Number
Stabilizer	Upper (5.2mm)	193-1681
	Upper (4.2mm)	193-1683
	Upper (6.2mm)	193-1684
	Lower (15mm)	193-1685
	Lower (13mm)	193-1686
	Lower (17mm)	193-1687
	Lower (14mm)	193-1688
	E-Stick	Head
Shim (1mm)		187-3830
Shim (0.5mm)		187-3831
Top		187-3827
Shim (1mm)		157-3364
Shim (0.5mm)		157-3366
Side		187-3826
Shim (1mm)		157-3365
Shim (0.5mm)		157-3367
Nose		187-3828
Shim (1mm)		183-3757
Shim (0.5mm)		183-3758

COMMON GROUND ENGAGING TOOLS

D Series

Edge Group - Bolt On	9R-5321
Edge - Cutting	9W-8215
Bolt - Plow	3F-5108
Nut - Full	4K-0367
Washer - Hard	8T-4122
Tooth Group - Bolt On	9R-5866
Tooth - Uni (Double strap)	135-8203
Tooth - Uni (Single strap)	132-4720
Bolt - Plow	4F-3657
Nut - Full	4K-0367
The following tips are DRS230 size	
Pin - GET	201-1238
Retainer Assembly	201-1239
Tip - Penetration	208-5235
Tip - Chisel	208-5232
Tip - Soil	208-5234
Tip - Long	208-5236
Tip - Twin Sharp	208-5237
Tip - Sharp	208-5239
Tip - Wide	208-5240
Adapter - Weld on (For use with Rock Buckets)	201-1234
Adapter - 25mm (Soil excavation edges)	253-0234
Adapter - Weld on	201-1235



Ground engaging tools labeled as a group include mounting hardware.

QUICK DISCONNECTS

Get the most out of your Cat D Series Backhoe Loader with a wide range of hydraulic work tool attachments that can be easily interchanged with Quick Disconnects. Contact your Cat dealer for a complete list of all available attachments.

Function	Push to connect			
	Male	Cap	Female	Cap
Loader	195-6526	152-5718	195-6525	152-5717
Hoe	106-0406	—	106-0401	—

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