



F2 SERIES BACKHOE LOADER PARTS REFERENCE GUIDE

BUILT FOR IT.™




» PROTECT YOUR INVESTMENT WITH GENUINE CAT® PARTS

Thank you for selecting the Cat® F2 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.

WEAR PARTS	
	GROUND ENGAGING TOOLS
	WEARPADS AND SHIMS
REPAIR PARTS	
	BATTERY
	ENGINE PARTS
	MIRRORS AND LIGHTS
	CAB GLASS
ENHANCEMENT PARTS	
	QUICK DISCONNECTS

GREASES F2 Series

	STANDARD MAINTENANCE GREASES		
Previous Cat Product Name	Cat Ultra5 Moly #1	Cat Ultra5 Moly #2	Cat Advanced 3 Moly
Current Cat Product Name	Cat Extreme Application Grease 1	Cat Extreme Application Grease 2	Cat Prime Application Grease
Grade (NLGI)	1	2	2
Melting point (deg C)	>260	>260	260
Ambient Temperature (deg C)	-35 to +40	-30 to +50	-20 to +40
Base Oil Type	Mineral	Mineral	Mineral
Color	Dark Gray	Dark Gray	Dark Gray
Cartridge (390 g / 14 oz)	452-5996	452-6001	452-6006
Plastic Pail (5 kg / 11 lb)	–	–	–
Plastic Pail (16 kg / 35 lb)	452-5999	452-6004	452-6009
Keg (55 kg / 120 lb)	452-5998	452-6003	452-6008
Drum (180 kg / 400 lb)	452-5997	452-6002	452-6007



GREASES FOR UNIQUE APPLICATIONS AND ENVIRONMENTS			
Cat Arctic Platinum	Cat Desert Gold	Cat Multipurpose	Hammer Paste
Cat Extreme Application Grease - Arctic	Cat Extreme Application Grease - Desert	Cat Utility Grease	
0.5	2	2	2
230	280	260	230
-35 to +40	-30 to +50	-30 to +40	-20 to +1100
Semi-Synthetic	Mineral	Mineral	Mineral
Dark Gray	Dark Gray	Blue	Bronze
452-7459	452-6016	452-6011	130-6951
–	–	–	133-8807
452-6020	452-6019	452-6014	–
452-7461	452-6018	452-6013	–
452-7460	452-6017	452-6012	–



PLANNED MAINTENANCE KITS

500 Hour	Backhoe Loader		Engine Oil/Filter Change		Air Filter	Fuel Filter Change		Transmission Filter Change		Lubricate Machine	Hydraulic Filter Change		
	Sales Model	Serial Number	Part No.	Oil Qty (L) DEO-ULS™	Primary Element	Primary Element	Secondary Element	Filter Element	Seal	Prime Application Grease	Filter Element	Seal (Housing)	Seal (Plug)
	427F2	HWK	441-6852	8	346-6687	366-9821	361-1223	119-4740	5P-6718	452-6006	362-1163	(2) 6S-3002	2M-9780
	428F2	HWN	7W-2326	8	346-6687	374-4343	361-1223	119-4740	5P-6718	452-6006	362-1163	(2) 6S-3002	2M-9780
	432F2	HWP	7W-2326	8	346-6687	374-4343	361-1223	119-4740	5P-6718	452-6006	362-1163	(2) 6S-3002	2M-9780
	434F2	HWR	7W-2326	8	346-6687	374-4343	361-1223	119-4740	5P-6718	452-6006	362-1163	(2) 6S-3002	2M-9780
444F2	HWS	7W-2326	8	346-6687	374-4343	361-1223	119-4740	5P-6718	452-6006	362-1163	(2) 6S-3002	2M-9780	

1,000 Hour	Backhoe Loader		Engine Oil/Filter Change		Air Filter	Fuel Filter Change		Cabin Air		Hydraulic Filter Change			Lubricate Machine
	Sales Model	Serial Number	Part No.	Oil Qty (L) DEO-ULS™	Primary Element	Primary Element	Secondary Element	Recirculating Element	Fresh Air Element	Filter Element	Seal (Housing)	Seal (Plug)	Prime Application Grease
	427F2	HWK	441-6852	8	346-6687	366-9821	361-1223	211-2660	417-8134	362-1163	(2) 6S-3002	2M-9780	452-6006
	428F2	HWN	7W-2326	8	346-6687	374-4343	361-1223	211-2660	417-8134	362-1163	(2) 6S-3002	2M-9780	452-6006
	432F2	HWP	7W-2326	8	346-6687	374-4343	361-1223	211-2660	417-8134	362-1163	(2) 6S-3002	2M-9780	452-6006
	434F2	HWR	7W-2326	8	346-6687	374-4343	361-1223	211-2660	417-8134	362-1163	(2) 6S-3002	2M-9780	452-6006
444F2	HWS	7W-2326	8	346-6687	374-4343	361-1223	211-2660	417-8134	362-1163	(2) 6S-3002	2M-9780	452-6006	

Transmission Oil/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	Oil Qty (L) TDTO	Seal	Breather	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	19	5P-6718	7T-3251	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	1	6V-6228	17	(2) 6V-6228	197-0017	2	6V-6228

1,500 Hour	Backhoe Loader		Crankcase
	Sales Model	Serial Number	Breather Element
	427F2	HWK	339-1048
	428F2	HWN	339-1048
	432F2	HWP	339-1048
	434F2	HWR	339-1048
444F2	HWS	–	

2,000 Hour	Backhoe Loader		Engine Oil/Filter Change		Air Filter		Fuel Filter Change		Cabin Air		AC Receiver	Lubricate Machine	Hydraulic Tank	Hydraulic Filter Change			
	Sales Model	Serial Number	Part No.	Oil Qty (L) DEO-ULS™	Primary Element	Secondary Element	Primary Element	Secondary Element	Recirculating Element	Fresh Air Element	Dryer	Prime Application Grease	Breather	Filter Element	Seal (Housing)	Seal (Plug)	Oil Qty Hydo Adv 10 (L)
	427F2	HWK	441-6852	8	346-6687	346-6688	366-9821	361-1223	211-2660	417-8134	415-5056	452-6006	9R-2552	362-1163	(2) 6S-3002	2M-9780	42
	428F2	HWN	7W-2326	8	346-6687	346-6688	374-4343	361-1223	211-2660	417-8134	415-5056	452-6006	9R-2552	362-1163	(2) 6S-3002	2M-9780	42
	432F2	HWP	7W-2326	8	346-6687	346-6688	374-4343	361-1223	211-2660	417-8134	415-5056	452-6006	9R-2552	362-1163	(2) 6S-3002	2M-9780	42
	434F2	HWR	7W-2326	8	346-6687	346-6688	374-4343	361-1223	211-2660	417-8134	415-5056	452-6006	9R-2552	362-1163	(2) 6S-3002	2M-9780	42
444F2	HWS	7W-2326	8	346-6687	346-6688	374-4343	361-1223	211-2660	417-8134	415-5056	452-6006	9R-2552	362-1163	(2) 6S-3002	2M-9780	42	

Transmission Oil/Filter Change				Front Differential Oil Change		Front Axle	Front Final Drive Oil Change (each side)		Rear Differential Oil Change			Rear Axle	Rear Final Drive Oil Change (each side)	
Filter Element	Oil Qty (L) TDTO	Seal	Breather	Oil Qty (L) TDTO	O-Ring	Breather Element	Oil Qty (L) TDTO	O-Ring	Oil Qty (L) TDTO	O-Ring	Additive	Breather Element	Oil Qty (L) TDTO	O-Ring
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	253-5024	1	6V-6228	17	(2) 6V-6228	197-0017	197-9155	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	253-5024	1	6V-6228	17	(2) 6V-6228	197-0017	197-9155	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	253-5024	1	6V-6228	17	(2) 6V-6228	197-0017	197-9155	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	253-5024	1	6V-6228	17	(2) 6V-6228	197-0017	197-9155	2	6V-6228
119-4740	19	5P-6718	7T-3251	11	(2) 6V-6228	253-5024	1	6V-6228	17	(2) 6V-6228	197-0017	197-9155	2	6V-6228


COMMON GROUND ENGAGING TOOLS F2 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 - 25 mm (Soil excavation edges)	253-0234	
Adapter - Weld on	201-1235	

Ground engaging tools labeled as a group include mounting hardware.


WEARPADS AND SHIMS F2 Series

Function	Notes	Part Number
Stabilizer	Upper (5.2 mm)	193-1681
	Upper (4.2 mm)	193-1683
	Upper (6.2 mm)	193-1684
	Lower	331-2489
Powered Sideshift	Slideframe	344-5303
E-Stick	Side	319-9667
	Side	319-9668




BATTERY F2 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 F2 Series

Machine Model	Notes	Starter Motor	Alternator	Water Pump	Fuel Pump	Turbocharger	Fuel Injector
427F2 Stage 3B	55kW	417-8509	390-2384	433-1684	390-3122	390-3174	392-0708
428F2 Stage 4	74.5kW	331-7010	321-8927	397-5683	370-8363	450-1857	418-3229
434F2, 444F2 Stage 4	74.5kW					450-1857	418-3229
444F2 Stage 4	82kW					356-3519	370-7287
432F2 Stage 4	82kW					–	–
432F2 Stage 4	Reman	–	20R-3601	–	–	–	20R-2480



MIRRORS AND LIGHTS F2 Series

Mirror Location	Notes	Part Number
Rearview	External	180-0448
Bracket	RH	382-2497
Bracket	LH	382-2498
Rear (EU Prep)	External	220-4050
Bracket	–	418-6338



Lamp Type	Notes	Part Number
Flood Lamp	Front & Rear Side	214-2969
	Bulb	55w/12v
Flood Lamp	Rear	214-2968
	Bulb	55w/12v
Lamp (Head & Signal)	RH Dip (RH)	195-0189
Lamp (Head & Signal)	RH Dip (LH)	195-0190
Lamp (Head & Signal)	LH Dip (RH)	195-0191
Lamp (Head & Signal)	LH Dip (LH)	195-0192
Beacon (Warning)	Bulb	55w/12v (Head)
	Bulb	21w/12v (Signal)
	Bulb	5w/12v (Clear)
Beacon (Warning)	Roof mounted	128-6985
	Bulb	55w/12v (Beacon)
Lamp (Signal & Stop)	LED	Rear
Lamp (Signal & Stop)		Rear
Beacon (Warning)	Bulb	12v (Stop)
	Bulb	21w/12v (Signal)
	Lens	–
Beacon (Warning)	Strobe	Roof mounted

CAB GLASS F2 Series

Position	Part Number
Windscreen (Top)	382-2342
Windscreen (Bottom RH)	382-2344
Windscreen (Bottom LH)	382-2343
LH Door (Top)	382-2261
LH Door (Bottom)	382-2263
RH Door (Top)	382-2274
RH Door (Bottom)	382-2269
LH Rear (Top)	382-2249
LH Rear (Bottom)	382-2310
RH Rear (Top)	382-2250
RH Rear (Bottom)	382-2311
Rear Glass	441-4182



QUICK DISCONNECTS

Get the most out of your Cat F2 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	Twist to connect - Connect under pressure			
	Male	Cap	Female	Cap
Loader	439-1589	447-9736	439-1588	447-9735
Hoe	439-1590	447-9738	439-1591	447-9737



BUILT FOR IT.™

AEXQ1595-00
July 2015

© 2015 Caterpillar. All Rights Reserved. CAT, CATERPILLAR, BUILT FOR IT, their respective logos, "Caterpillar Yellow," the "Power Edge" trade dress, as well as corporate and product identity used herein, are trademarks of Caterpillar and may not be used without permission.

