

REPLACEMENT PARTS GUIDE

640L Skidder (PIN: 1DW640L__C666893—)



HYDRAULIC SYSTEM OIL FILTER ELEMENT

[F061786](#)

Interval (hrs) - 4000.



DUST UNLOADER VALVE

[T158495](#)

Interval (hrs) - As Required.



ENGINE OIL FILTER ELEMENT (6.8 L ENGINES ONLY)

[RE504836](#)

Interval (hrs) - 500.



ENGINE OIL FILTER ELEMENT (9.0 L ENGINES ONLY)

[DZ118283](#)

Interval (hrs) - 500.



PRIMARY FUEL FILTER ELEMENT (6.8 L ENGINES ONLY)

[RE541922](#)

Interval (hrs) - 500.



FINAL FUEL FILTER ELEMENT (6.8 L ENGINES ONLY)

[RE522878](#)

Interval (hrs) - 500.



PRIMARY AND FINAL FUEL FILTER ELEMENT KIT (9.0 L ENGINES ONLY)

[RE525523](#)

Interval (hrs) - 500.



AUXILIARY FUEL FILTER ELEMENT (6.8 L ENGINE ONLY)

[AT365870](#)

Interval (hrs) - 500.



AUXILIARY FUEL FILTER ELEMENT (9.0 L ENGINES ONLY)

[AT365869](#)

Interval (hrs) - 500.



CAB FRESH AIR FILTER ELEMENT

[AT191102](#)

Interval (hrs) - As Required.



CAB RECIRCULATING AIR FILTER ELEMENT

[AT307501](#)

Interval (hrs) - As Required.



ENGINE DRIVE SHAFT (640L AND 648L ONLY)

[AT440747](#)

Interval (hrs) - 10000.



ENGINE DRIVE SHAFT (748L, 848L, AND 948L ONLY)

[AT440739](#)

Interval (hrs) - 10000.



AXLE OIL FILTER ELEMENTS

[AT367635](#)

Interval (hrs) - 1000.



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PRIMARY AIR FILTER (6.8L ENGINES ONLY)

[AT223226](#)

Interval (hrs) - As Required.



PRIMARY AIR FILTER (9.0L ENGINES ONLY)

[AT308575](#)

Interval (hrs) - As Required.



ENGINE CRANKSHAFT DAMPER (6.8 L ENGINES ONLY)

[RE508578](#)

Interval (hrs) -4000.



ENGINE CRANKSHAFT DAMPER (9.0L ENGINES ONLY)

[RE520465](#)

[RE57604](#)
Interval (hrs) - 4000.



SECONDARY AIR FILTER (6.8L ENGINES ONLY)

[AT175224](#)

Interval (hrs) - As Required.



SECONDARY AIR FILTER (9.0L ENGINES ONLY)

[TT220747](#)

Interval (hrs) - As Required.



HYDRAULIC RESERVOIR BREATHER FILTER

[AT421408](#)

Interval (hrs) - 4000.



ENGINE ROCKER ARM COVER GASKET (9.0L ENGINES ONLY)

[R527884](#)

Interval (hrs) - 2000.



ENGINE ROCKER ARM COVER GASKET (6.8L ENGINES ONLY)

[R524497](#)

Interval (hrs) - 2000.



PRIMARY TRANSMISSION OIL FILTER

[AT468647](#)

Interval (hrs) -2000.



SECONDARY TRANSMISSION OIL FILTER
















[T436566](#)

Interval (hrs) - 4000.



OILS AND CAPACITIES INFORMATION

640L Skidder (PIN: 1DW640L__C666893—)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ³ (6.8 L engines only) 	TY26669	24.0 L (6.3 gal)	500
John Deere Plus-50™ II Engine Oil ³ (9.0 L engines only) 	TY26669	28.5 L (7.5 gal)	500
John Deere Hy-Gard™ Oil ³ : Front Axle—1400 Series 	TY6354	31.0 L (8.2 gal)	2000
John Deere Hy-Gard™ Oil ³ : Rear Axle—1400 Series 	TY6354	32.0 L (8.5 gal)	2000
John Deere Hy-Gard™ Oil ³ : Front Axle—SWEDA 	TY6354	31.4 L (8.3 gal)	2000
John Deere Hy-Gard™ Oil ³ : Rear Axle—SWEDA 	TY6354	32.4 L (8.6 gal)	2000
John Deere Hy-Gard™ Oil ³ : Front Axle—1700 Series 	TY6354	106.0 L (28.0 gal)	2000
John Deere Hy-Gard™ Oil ³ : Rear Axle—1700 Series 	TY6354	107.0 L (28.3 gal)	2000
John Deere Hy-Gard™ Oil ³ : Park Brake 	TY6354	0.8 L (27.0 fl oz)	1000
John Deere Hy-Gard™ Oil ³ : Transmission 	TY6354	57.0 L (15.1 gal)	2000
John Deere Hydrau™ Oil ³ : Hydraulic System Oil 	TY6354	123.6 L (32.7 gal)	4000
John Deere Hydrau™ Oil ³ : Winch Oil—4000 Serie (if equipped) 	TY27367	35.2 L (9.3 gal)	4000
John Deere Hydrau™ Oil ³ : Winch Oil—6000 Series (if equipped) 	TY27367	45.5 L (12.0 gal)	4000
John Deere Cool-Gard™ II Pre-Mix (6.8 L engines only) 	TY26575	31.4 L (8.3 gal)	6000
John Deere Cool-Gard™ II Pre-Mix (9.0 L engines only) 	TY26575	36.7 L (9.7 gal)	6000



CLICK PART NUMBER TO BUY

*See operator's manual for additional details

OILS AND CAPACITIES INFORMATION

640L Skidder (PIN: 1DW640L___C666893—)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
Fluid Analysis Test Kits⁴			
Diesel Engine Oil	AT346594	1	250
Hydraulic Oil	AT346594	1	500
Transmission Oil	AT346594	1	500
Axle Oil	AT346594	2	500
Park Brake Oil	AT346594	1	500
Diesel Fuel	AT180344	1	500
Winch Gear Case Oil (if equipped)	AR69444	1	500
Engine Coolant	TY27787	1	500
<p>³ See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</p> <p>⁴ Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.</p>			

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Hy-Gard is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company



CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

Service Intervals

• Inspect accessory drive belt	• Check fire extinguisher charge
• Replace engine air cleaner elements	• Lubricate cab door hinges
• Check tire pressure	• Adjust grapple damper (grapple skidders only)
• Check wheel bolt torque	• Check cab recirculating air filter
• Clean fuel tank inlet screen	• Check cab fresh air filter
Every 10 Hours or Daily	
• Check engine coolant level	• Check and clean engine air cleaner dust unloader valve
• Check engine oil level	• Lubricate articulation points
• Check transmission oil level	• Lubricate yoke and cross head (grapple skidders only)
• Check hydraulic system oil level	• Lubricate tong linkage and cylinder pivots (grapple skidders only)
• Check and drain primary fuel filter and water separator	• Lubricate arch/boom linkage and cylinder pivots (grapple skidders only)
• Check and drain auxiliary fuel filter and water separator	• Lubricate winch fairlead rollers (cable skidders only)
• Clean engine air intake precleaner screen	
Every 100 Hours	
• Lubricate rear axle pinion seal and park brake seals	• Lubricate blade and cylinder pivots
• Lubricate front axle pivots, pinion seal, and hydraulic steering cylinder pins	• Lubricate winch fairlead rollers (grapple skidders only)
Every 250 Hours	
• Take engine oil sample	
Initial Service—500 Hours	
• Drain and refill axle oil	• Replace axle oil filters
Every 500 Hours	
• Drain and refill engine oil and replace filter	• Check engine air intake hoses
• Inspect engine crankshaft damper (9.0 L engines only)	• Take transmission oil sample
• Replace primary fuel filter and water separator	• Take hydraulic oil sample
• Replace auxiliary fuel filter and water separator	• Take axle oil sample
• Replace final fuel filter	• Take park brake oil sample
• Check axle oil level	• Take engine coolant sample
• Check park brake oil level	• Take diesel fuel sample
• Lubricate front, rear, and articulation drive shafts	• Take winch gear case oil sample (if equipped)
• Remove and clean open crankcase ventilation (OCV) hose	
Every 1000 Hours	
• Drain and refill park brake oil	• Lubricate grapple rotate bearing (grapple skidders only)
• Replace axle oil filters	• Check coolant condition
Initial Service—2000 Hours	
• Replace hydraulic system oil filter	
Every 2000 Hours	
• Drain and refill transmission oil and replace primary transmission oil filter	• Inspect engine crankshaft damper (6.8 L engines only)
• Drain and refill axle oil	• Check and adjust engine valve lash
• Inspect sun gear (1700 series axles equipped with large duals only)	
Every 4000 Hours	
• Drain and refill hydraulic system oil	• Drain and refill winch oil (if equipped)
• Replace hydraulic system oil filter	• Replace secondary transmission oil filter
• Replace hydraulic reservoir breather filter	• Replace engine crankshaft damper
Every 6000 Hours	
• Drain and refill engine cooling system	
Every 10 000 Hours	
• Replace engine drive shaft	

