

REPLACEMENT PARTS GUIDE

750L (PIN: 1T0750LX__F383562—)



DIESEL PARTICULATE FILTER (DPF) - [DZ104594](#)

Interval (hrs) - As Required

HYDRAULIC AND HYDROSTATIC TANK BREATHER

[AT415455](#)

Interval (hrs) - 4000.

CAB FRESH AIR FILTER ELEMENT

[AT191102](#)

Interval (hrs) - 1000

CAB RECIRCULATING AIR FILTER ELEMENT

[AT315957](#)

Interval (hrs) - 1000

AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)

[AT365870](#)

Interval (hrs) - 500

FUEL TANK BREATHER

[T231314](#)

Interval (hrs) - 2000

HYDRAULIC AND HYDROSTATIC SYSTEM OIL FILTER ELEMENT

[AT318160](#)

Interval (hrs) - 2000.

PRIMARY FUEL FILTER ELEMENT

[RE551507](#)

Interval (hrs) - 500.

FINAL FUEL FILTER ELEMENT -

[RE560681](#)

Interval (hrs) - 500.

DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER ELEMENT¹

[DZ110513](#)

Interval (hrs) - 6000

DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER

[H216169](#)

Interval (hrs) - 4000

ENGINE AIR CLEANER PRIMARY AIR FILTER ELEMENT

[AT300487](#)

Interval (hrs) - As Required

ENGINE AIR CLEANER SECONDARY AIR FILTER ELEMENT

[AT314583](#)

Interval (hrs) - As Required

ENGINE ROCKER ARM COVER GASKET

[R528743](#)

Interval (hrs) - 2000

OPEN CRANKCASE VENTILATION (OCV) FILTER ELEMENT

[DZ105100](#)

Interval (hrs) - 2000

ENGINE OIL FILTER ELEMENT

[RE539279](#)

Interval (hrs) - 500

DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER ELEMENT¹

[DZ114640](#)

Interval (hrs) - 4000.



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Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ²		28.0 L (7.4 gal)	500
John Deere Hy-Gard™ Outer Final Drive Oil ²		15.1 L (4.0 gal)	1000
John Deere Hy-Gard™ Inner Final Drive Oil ² PAT XLT		9.5 L (2.5 gal)	1000
John Deere Hy-Gard™ Inner Final Drive Oil ² PAT LGP		15.9 L (4.2 gal)	1000
John Deere Hy-Gard™ Inner Final Drive Oil ² OSD		9.5 L (2.5 gal)	1000
John Deere Hy-Gard™ Track Frame Pivot Shaft Bushing Oil ²		1.8 L (1.9 qt)	1000
John Deere Hydrau™ Hydraulic System Oil ²		98.0 L (25.9 gal)	4000
John Deere Hydrau™ Hydrostatic Transmission System Oil ²		57.0 L (15.1 gal)	4000
John Deere COOL-GARD™ II Pre-Mix		31.4 L (8.3 gal)	6000
Fluid Analysis Test Kits ²			
Diesel Engine Oil	AT346594	1	500
Hydraulic Oil	AT346594	1	500
Hydrostatic Oil	AT346594	1	500
Final Drive Oil	AT346594	2	500
Diesel Fuel	TY27329	1	500
Engine Coolant	TY27787	1	500

¹See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

²Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

³Machine equipped with heating and air conditioning system precleaner will have one cab fresh air filter element.

Plus-50 is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

Hy-Gard is a trademark of Deere & Company



Service Intervals

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As Required	
<input type="checkbox"/> Inspect and clean cooling system	<input type="checkbox"/> Clean and tighten battery terminals
<input type="checkbox"/> Inspect serpentine belt and check automatic belt tensioner	<input type="checkbox"/> Check and fill windshield washer fluid
<input type="checkbox"/> Replace primary and secondary engine air filter elements	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check and drain primary fuel filter and water separator	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)	<input type="checkbox"/> Check and clean engine air filter precleaner
Every 10 Hours or Daily	
<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Lubricate power angle tilt (PAT) dozer linkage (if equipped)
<input type="checkbox"/> Check hydrostatic transmission oil level	<input type="checkbox"/> Lubricate push beam dozer linkage (if equipped)
<input type="checkbox"/> Lubricate power angle tilt (PAT) cylinder rods with scrapers (if equipped)	
Every 50 Hours	
<input type="checkbox"/> Lubricate rear ripper (if equipped)	<input type="checkbox"/> Lubricate push beam dozer lift cylinder pivots (if equipped)
<input type="checkbox"/> Lubricate right and left crossbar pivots	
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	<input type="checkbox"/> Check inner and outer final drive oil level
Every 500 Hours	
<input type="checkbox"/> Take engine coolant sample	<input type="checkbox"/> Drain and refill engine oil and replace filter
<input type="checkbox"/> Take inner and outer final drive oil sample	<input type="checkbox"/> Drain water and sediment from fuel tank
<input type="checkbox"/> Take diesel fuel sample	<input type="checkbox"/> Replace primary and final fuel filters
<input type="checkbox"/> Take hydraulic system oil sample	<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)
<input type="checkbox"/> Take hydrostatic transmission oil sample	<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)
Every 1000 Hours	
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace cab fresh air and recirculation filter elements
<input type="checkbox"/> Drain and refill outer final drive	<input type="checkbox"/> Check track frame pivot shaft bushing oil level
<input type="checkbox"/> Drain and refill inner final drive	<input type="checkbox"/> Check air intake hoses and connections
Every 2000 Hours	
<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter element	<input type="checkbox"/> Replace hydrostatic transmission oil filter
<input type="checkbox"/> Replace fuel tank breather	<input type="checkbox"/> Replace hydraulic system oil filter
Every 3000 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	
Every 4000 Hours	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter	<input type="checkbox"/> Replace hydraulic and hydrostatic tank breather
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter ¹	<input type="checkbox"/> Drain and refill hydraulic system oil
<input type="checkbox"/> Drain and refill hydrostatic transmission oil	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter ¹