

REPLACEMENT PARTS GUIDE

850L Crawler Dozer (PIN: 1T0850LX__F352989—)



FUEL TANK BREATHER [T231314](#)



Interval (hrs) - 2000.

DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER [H216169](#)



Interval (hrs) - 4000.

ENGINE OIL FILTER [DZ101884](#)



Interval (hrs) - 500.

DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER1 [RE555351](#)



Interval (hrs) - 2000.

FINAL FUEL FILTER ELEMENT [DZ112918](#)



Interval (hrs) - 500.

DIESEL EXHAUST FLUID (DEF) HEADER SUCTION FILTER AND BAFFLE (S.N. — XXXXXX) [AT484544](#)



Interval (hrs) - 4000.

PRIMARY FUEL FILTER ELEMENT [RE539465](#)



Interval (hrs) - 500.

AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)- [AT387536](#)



Interval (hrs) - 500.

HYDRAULIC SYSTEM OIL FILTER HYDROSTATIC TRANSMISSION OIL FILTER [AT318160](#)



Interval (hrs) - 2000.

ENGINE ROCKER ARM COVER GASKET [R528743](#)



Interval (hrs) - 2000.

HYDROSTATIC TANK BREATHER HYDRAULIC TANK BREATHER [AT415455](#)



Interval (hrs) - 4000.

CAB FRESH AIR FILTER ELEMENT [AT191102](#)



Interval (hrs) - As Required.

CAB RECIRCULATION AIR FILTER ELE- MENT [AT315957](#)



Interval (hrs) - As Required.

ENGINE AIR FILTER PRECLEANER [AT410819](#)



Interval (hrs) - As Required.

DIESEL PARTICULATE FILTER (DPF) (COMPONENT OF EXHAUST FILTER) [DZ110825](#)



Interval (hrs) - As Required.

PRIMARY ENGINE AIR FILTER ELEMENT [KV16429](#)



Interval (hrs) - As Required.

SECONDARY ENGINE AIR FILTER ELEMENT [AT171854](#)



Interval (hrs) - As Required.

SERPENTINE BELT [R500090](#)



Interval (hrs) - As Required.

DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER (S.N. XXXXXX—)1 [DZ118548](#)



Interval (hrs) - 6000.



JOHN DEERE
Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

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Part Description		Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil		25.0 L (6.6 gal)	500
John Deere Hy-Gard™ Inner Final Drive Oil (each side) 850L PAT XLT and OSD2		9.5 L (2.5 gal)	1000
John Deere Hy-Gard™ Inner Final Drive Oil (each side) 850L PAT WLT and OSD WT2		15.9 L (4.2 gal)	1000
John Deere Hy-Gard™ Inner Final Drive Oil (each side) 850L PAT LGP and OSD LGP2		18.9 L (5.0 gal)	1000
John Deere Hy-Gard™ Outer Final Drive Oil2 (each side)		15.9 L (4.2 gal)	1000
John Deere Hy-Gard™ Track Frame Pivot Shaft Bushing Oil2		1.8 L (1.9 qt)	1000
John Deere Hydrau™ Hydraulic System Oil2		117.0 L (30.9 gal)	4000
John Deere Hydrau™ Hydrostatic System Oil2		105.0 L (27.6 gal)	4000
John Deere Cool-Gard™ II Pre-Mix		39.7 L (10.5 gal)	6000

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Fluid Analysis Kits ⁴			
Engine Oil			1
Inner and Outer Final Drive Oil			4
Hydraulic System Oil			1
Hydrostatic Transmission Oil			1
Diesel Fuel			1
Engine Coolant			1

¹Lubricate daily when operating in mud and water.

³See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

⁴Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.

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Hy-Gard is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

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

Every 6000 Hours

Drain and refill engine cooling system

Replace diesel exhaust fluid (DEF) in-line filter (S.N. XXXXXX—)¹