


REPLACEMENT PARTS GUIDE


544 P (PIN: 1DW544PA__L_10283—)





DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER
[DZ118548](#)
 Interval (hrs) - 6000.



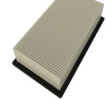
FINAL FUEL FILTER
[DZ115392](#)
 Interval (hrs) - 500.



ENGINE ROCKER ARM COVER GASKET
[R528743](#)
 Interval (hrs) - 2000.




HYDRAULIC SYSTEM RETURN FILTER
[AT335977](#)
 Interval (hrs) :4000.




CAB RECIRCULATING FILTER
[AT307501](#)
 Interval (hrs) :As Required.




CAB FRESH AIR FILTER
[AT191102](#)
 Interval (hrs) - As Required.




SERPENTINE BELT
[T437053](#)
 Interval (hrs) - As Required.




AXLE OIL FILTERS—IF EQUIPPED
[AT367635](#)
 Interval (hrs) - 1000.



ENGINE OIL FILTER
[RE539279](#)
 Interval (hrs) - 500.




FUEL TANK BREATHER FILTER
[H216169](#)
 Interval (hrs) - 1000.




DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER
[RE508578](#)
 Interval (hrs) - 4000.





DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)
[DZ104594](#)
 Interval (hrs) - As Required.




ENGINE AIR FILTER ELEMENT—PRIMARY
[AT178516](#)
 Interval (hrs) - As Required.




ENGINE AIR CLEANER DUST UNLOADER VALVE
[R48568](#)
 Interval (hrs):1000.




HYDRAULIC RESERVOIR BREATHER FILTER
[AM39653](#)
 Interval (hrs) - 500.




ENGINE AIR FILTER ELEMENT—SECONDARY
[AT178517](#)
 Interval (hrs) - As Required.



IN-LINE FUEL FILTER
[AT489745](#)
 Interval (hrs) - 500.




PRIMARY FUEL FILTER
[DZ115391](#)
 Interval (hrs) - 500.



OPEN CRANKCASE VENTILATION (OCV) FILTER
[DZ105100](#)
 Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER
[RE504836](#)
 Interval (hrs) - 500.



TRANSMISSION OIL FILTER
[AT468647](#)
 Interval (hrs) - 2000.



OIL & CAPACITIES INFORMATION

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Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ⁵	19.0 L (5.0 gal)	500
John Deere Hy-Gard™ Front Axle Oil ⁵	17.0 L (4.5 gal)	2000
John Deere Hy-Gard™ Rear Axle Oil ⁵	17.0 L (4.5 gal)	2000
John Deere Hy-Gard™ Park Brake Oil ^{3,5}	300 mL (10.1 floz)	1000
John Deere Hy-Gard™ Transmission Oil ⁵	21.5 L (5.6 gal)	2000
John Deere Hydrau™ Hydraulic Oil ⁵	83.0 L (22.0 gal)	4000
John Deere Cool-Gard™ II Pre-Mix	23.5 L (6.2 gal)	6000

OIL & CAPACITIES INFORMATION

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Fluid Analysis Test Kits ⁶		
Part Description	Qty or capacity	Change Interval In Hours
Diesel Engine Oil	1	250
Transmission Oil	1	500
Hydraulic Oil	1	500
Park Brake and Axle Oil	3	500
Diesel Fuel	1	500
Engine Coolant	1	500

³Perform initial service once after the first 500 hours of operation.

⁵See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

⁶Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

Plus-50 is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

Hy-Gard is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company

Service Intervals

As Required	
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Drain, flush, and refill fuel tank
<input type="checkbox"/> Check wheel bolt torque	<input type="checkbox"/> Check cab fresh air filter
<input type="checkbox"/> Inspect engine air cleaner elements	<input type="checkbox"/> Check cab recirculation filter
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Check and clean precleaner housing (if equipped)
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Check and clean heating and air conditioning housing
<input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped)	<input type="checkbox"/> Clean hydraulic pump case drain in-line screen
<input type="checkbox"/> Drain water from primary fuel filter with water separator	<input type="checkbox"/> Clean debris from coupler lock cylinder (if equipped)
<input type="checkbox"/> Clean and tighten battery terminals	<input type="checkbox"/> Lubricate cab door hinges
Every 10 Hours or Daily	
<input type="checkbox"/> Clean air cleaner dust unloader valve	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check engine oil level	
Every 100 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots	<input type="checkbox"/> Lubricate coupler lock pins (if equipped)
Initial Service—250 Hours	
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Replace axle oil filters (if equipped)
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Lubricate driveline upper and lower sliding joints	<input type="checkbox"/> Replace in-line fuel filter
<input type="checkbox"/> Lubricate front and rear axle shaft seals	<input type="checkbox"/> Lubricate front and rear shaft seals on park brake
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Check ride control accumulator (if equipped)
<input type="checkbox"/> Replace hydraulic reservoir breather filter	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Check front and rear axle oil level	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings	<input type="checkbox"/> Take park brake oil sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace primary fuel filter	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take axle oil sample
<input type="checkbox"/> Check park brake oil level	
Every 1000 Hours	
<input type="checkbox"/> Replace air cleaner dust unloader valve	<input type="checkbox"/> Replace fuel tank breather filter
<input type="checkbox"/> Replace engine air cleaner elements	<input type="checkbox"/> Lubricate frame hinge pivots
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill park brake oil
<input type="checkbox"/> Replace axle oil filters (if equipped)	
Every 2000 Hours	
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Drain and refill transmission oil and replace filter
<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter	<input type="checkbox"/> Rerun transmission clutch calibration
<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 diesel exhaust fluid (DEF) dosing unit filter
<input type="checkbox"/> Drain, flush, and refill hydraulic system oil	<input type="checkbox"/> Replace hydraulic system return filter
<input type="checkbox"/> Clean hydraulic system fill strainer	
Every 5000 Hours	
<input type="checkbox"/> Check driveline damper for cracks	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter