



REPLACEMENT PARTS GUIDE


644K (PIN: 1BZ644KX__C001001—)


644K (PIN: 1BZ644KX__D001001—)





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ENGINE AIR FILTER ELEMENT—PRIMARY (6068HDW80)
[AT300487](#)
 Interval (hrs) - 1000.
- 


ENGINE AIR FILTER ELEMENT—PRIMARY (6068HDW83)
[AT223226](#)
 Interval (hrs) - 1000.
- 


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


DUST UNLOADER VALVE (6068HDW83)
[T158495](#)
 Interval (hrs) :1000
- 


ENGINE AIR FILTER ELEMENT—SECONDARY (6068HDW80)
[AT314583](#)
 Interval (hrs) :1000
- 

AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)
[AT433554](#)
 Interval (hrs) - 500.
- 

IN-LINE FUEL STRAINER
[AT223493](#)
 Interval (hrs) - 500.
- 


PRIMARY FUEL FILTER ELEMENT (SEVERE APPLICATION)
[AT526913](#)
 Interval (hrs) - 500
- 


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


PRIMARY FUEL FILTER
[RE541922](#)
 Interval (hrs) - 500.
- 

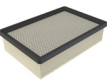
CRANKSHAFT DAMPER
[RE508578](#)
 Interval (hrs) - 4000.





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ENGINE ROCKER ARM COVER GASKET
[R524497](#)
 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.
- 


OUTER PIN SEALS-ATTACHMENT-TO-BUCKET-LINK-JOINT
[AT330664](#)
 Interval (hrs) - 4000
- 

OUTER PIN SEALS-BOOM-TO-ATTACHMENT JOINT
[AT341091](#)
 Interval (hrs) - 4000.
- 

FINAL FUEL FILTER (SEVERE APPLICATION)
[AT526918](#)
 Interval (hrs) - 500.
- 

FINAL FUEL FILTER
[RE522878](#)
 Interval (hrs) - 500.
- 

ENGINE OIL FILTER
[RE504836](#)
 Interval (hrs) - 500.
- 

ENGINE AIR FILTER ELEMENT—SECONDARY (6068HDW80)
[AT175224](#)
 Interval (hrs) - 1000.
- 

AXLE OIL FILTERS
[AH128449](#)
 Interval (hrs) - 1000.



CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

OIL & CAPACITIES INFORMATION

644K (PIN: 1BZ644KX__C001001—)

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Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ³	24.5 L (6.5 gal)	500
John Deere Hy-Gard™ Front Axle Oil ³	22.0 L (5.8 gal)	2000
John Deere Hy-Gard™ Rear Axle Oil ³	22.0 L (5.8 gal)	2000
John Deere Hy-Gard™ Park Brake Oil ³	600.0 mL (20.0 fl oz)	1000
John Deere Hy-Gard™ Transmission Oil ³	23.0 L (6.1 gal)	2000
John Deere Hydrau™ Hydraulic Oil ³	110.0 L (29.1 gal)	4000
John Deere Cool-Gard™ II Pre-Mix	29.5 L (7.8 gal)	6000

OILS & CAPACITIES INFORMATION

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Fluid Analysis Test Kits ⁴		
Part Description	Qty or capacity	Change Interval In Hours
Diesel Engine Oil	1	250
Transmission Oil	1	500
Axle Oil	2	500
Hydraulic Oil	1	500
Diesel Fuel	1	500
Engine Coolant	1	500

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.

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"/> Inspect tires and check pressure	<input type="checkbox"/> Drain water from final fuel filter
<input type="checkbox"/> Check wheel bolt/nut torque	<input type="checkbox"/> Drain water from auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Inspect engine air cleaner elements	<input type="checkbox"/> Drain water from primary fuel filter with water separator
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Check and clean or replace cab recirculating air filter
<input type="checkbox"/> Inspect air conditioner compressor and alternator belt	<input type="checkbox"/> Check and clean or replace cab fresh air filter
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped)
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	<input type="checkbox"/> Inspect outer pin seals
Initial Service—100 Hours	
<input type="checkbox"/> Replace axle oil filters	
Every 100 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots (unless Never grease™ equipped)	
Initial Service—250 Hours	
Drain and refill engine oil and replace filter	
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Check front and rear axle oil level	<input type="checkbox"/> Replace hydraulic reservoir breather
<input type="checkbox"/> Check battery electrolyte level and terminals	<input type="checkbox"/> Check park brake oil level
<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings	<input type="checkbox"/> Lubricate front and rear shaft seals on park brake
<input type="checkbox"/> Lubricate driveline upper and lower sliding joints and lower U-joints	<input type="checkbox"/> Lubricate front and rear axle shaft seals
<input type="checkbox"/> Check ride control accumulator (if equipped)	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace in-line fuel strainer	<input type="checkbox"/> Take axle oil sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Replace primary fuel filter element	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Replace final fuel filter	
Every 1000 Hours	
<input type="checkbox"/> Replace air cleaner dust unloader valve	<input type="checkbox"/> Replace axle oil filters
<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"/> Clean engine crankcase vent tube	
Every 2000 Hours	
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Drain and refill transmission oil and replace filter	<input type="checkbox"/> Rerun transmission clutch calibration (cab monitor)
Clean front and rear axle oil recirculation screens (if equipped)	<input type="checkbox"/> Replace outer pin seals
Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic pump case drain in-line screen	<input type="checkbox"/> Drain, flush, and refill hydraulic system oil
<input type="checkbox"/> Replace crankshaft damper	<input type="checkbox"/> Clean hydraulic system fill strainer
<input type="checkbox"/> Replace hydraulic system return filter	
Every 5000 Hours	
<input type="checkbox"/> Inspect driveline damper	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	