

REPLACEMENT PARTS GUIDE

312GR Skid Steer Loader (PIN: 1T0312G__J366358-)



CAB RECIRCULATION AIR FILTER ELEMENT (IF EQUIPPED)

[AT359416](#)

Interval (hrs) - As Required.

CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED)

[AT441536](#)

Interval (hrs) - As Required.

DUST UNLOADER VALVE

[M89679](#)

Interval (hrs) - As Required.

HYDRAULIC OIL RESERVOIR BREATHER

[AT443309](#)

Interval (hrs) - 1000.

HYDRAULIC OIL FILTER ELEMENT

[AT314164](#)

Interval (hrs) - 1000.

DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)

[MIU802216](#)

Interval (hrs) - As Required.

ENGINE AIR FILTER ELEMENT—PRIMARY

[AT338105](#)

Interval (hrs) - As Required.

ENGINE AIR FILTER ELEMENT - SECONDARY

[AT336803](#)

Interval (hrs) - As Required.

FUEL TANK BREATHER

[H216169](#)

Interval (hrs) - 1000.

ENGINE OIL FILTER ELEMENT

[MIU800650](#)

Interval (hrs) - 500.

PRIMARY FUEL FILTER AND WATER SEPARATOR

[MIU802421](#)

Interval (hrs) - 500.

FINAL FUEL FILTER ELEMENT

[MIU805005](#)

Interval (hrs) - 500.

ENGINE ROCKER ARM COVER GASKET

[MIU802182](#)

INTERVAL (HRS) - 1500.



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Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ³	7.5 L (2.0 gal)	500
John Deere Hydrau™ Hydraulic and Hydrostatic System Oil ³	22.7 L (6.0 gal)	1000
John Deere Hydrau™ XR Hydrostatic Motor Brake Cavity Oil ³ (per side) (317G only)	0.35 L (11.8 fl oz)	1000
John Deere Cool-Gard™ II Pre-Mix (316GR, 317G, and 318G only)	12.0 L (3.2 gal)	6000
Fluid Analysis Kits ⁴		
Diesel Engine Oil	1	250
Hydraulic Oil	1	500
Diesel Fuel	1	500
Engine Coolant	1	500
³ See operator's manual for recommended oil type and oil viscosities based on operating temperatures. ⁴ Based 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

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

As Required	
<input type="checkbox"/> Check and clean cooling package	<input type="checkbox"/> Check fuel tank breather
<input type="checkbox"/> Check tire pressure (312GR, 314G, 316GR, and 318G only)	<input type="checkbox"/> Replace primary and secondary engine air filter elements
<input type="checkbox"/> Check wheel lug nut torque (312GR, 314G, 316GR, and 318G only)	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Replace cab fresh air filter element (if equipped)	<input type="checkbox"/> Check accessory drive belt
<input type="checkbox"/> Replace cab recirculation air filter element (if equipped)	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Lubricate steering centering mechanism (if equipped) ¹	
Every 10 Hours or Daily	
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check hydraulic oil level
<input type="checkbox"/> Check coolant level	<input type="checkbox"/> Lubricate boom linkage, cylinder, and Quik-Tatch™ pivot points
Every 50 Hours	
<input type="checkbox"/> Check and clean dust unloader valve	<input type="checkbox"/> Lubricate Quik-Tatch™ engagement pins
<input type="checkbox"/> Check track tension (317G only)	
Every 100 Hours	
<input type="checkbox"/> Check and adjust accessory drive belt tension (machines without air conditioning only)	
Every 250 Hours	
<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 oil sample
<input type="checkbox"/> Replace primary fuel filter and water separator	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Lubricate steering linkage (if equipped) ¹
<input type="checkbox"/> Check chain case oil level (312GR, 314G, 316GR, and 318G only)	<input type="checkbox"/> Lubricate foot pedals (if equipped) ¹
Every 1000 Hours	
<input type="checkbox"/> Drain and refill hydraulic oil and replace filter	<input type="checkbox"/> Check coolant condition
<input type="checkbox"/> Replace hydraulic oil reservoir breather	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Drain and refill chain case oil (312GR, 314G, 316GR, and 318G only)	<input type="checkbox"/> Drain and refill hydrostatic motor brake cavity oil (317G only)
Every 1500 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	
Every 6000 Hours	
<input type="checkbox"/> Drain, flush, and refill cooling system	