
















REPLACEMENT PARTS GUIDE

312GR Skid Steer Loader (PIN: 1T0312G___J288093—)



	<p>CAB RECIRCULATION AIR FILTER ELEMENT (IF EQUIPPED) AT359416 Interval (hrs) - As Required.</p>	1
	<p>CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED) AT441536 Interval (hrs) - As Required.</p>	2
	<p>DUST UNLOADER VALVE M89679 Interval (hrs) - As Required.</p>	3
	<p>HYDRAULIC OIL RESERVOIR BREATHER AT443309 Interval (hrs) - 1000.</p>	4
	<p>HYDRAULIC OIL FILTER ELEMENT AT314164 Interval (hrs) - 1000.</p>	5
	<p>DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER) MIU802216 Interval (hrs) - As Required.</p>	6
	<p>FILTER PAK AT535117 (Include parts (12, 13, 14)) Interval (hrs) - 500.</p>	7
	<p>FILTER PAK AT535118 (Include parts (4, 5, 9, 10, 11, 12, 13, 14)) Interval (hrs) - 1000.</p>	8



	<p>ENGINE AIR FILTER ELEMENT—PRIMARY AT338105 Interval (hrs) - As Required.</p>	9
	<p>ENGINE AIR FILTER ELEMENT—SECONDARY AT336803 Interval (hrs) - As Required.</p>	10
	<p>FUEL TANK BREATHER H216169 Interval (hrs) - 1000.</p>	11
	<p>ENGINE OIL FILTER ELEMENT MIU800650 Interval (hrs) - 500.</p>	12
	<p>PRIMARY FUEL FILTER AND WATER SEPARATOR MIU802421 Interval (hrs) - 500.</p>	13
	<p>FINAL FUEL FILTER ELEMENT MIU805005 Interval (hrs) - 500.</p>	14
	<p>ENGINE ROCKER ARM COVER GASKET MIU802182 Interval (hrs) - 500.</p>	16



OILS AND CAPACITIES INFORMATION

312GR Skid Steer Loader (PIN: 1T0312G___J288093—)

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)	14.3 L (3.8 gal)	1000	
John Deere Cool-Gard™ II Pre-Mix	9.0 L (2.4 gal)	6000	
Fluid Analysis Kits ⁴			
Part Description	Part Number	Qty or capacity	Change Interval In Hours
Diesel Engine Oil	AT346594	1	250
Hydraulic Oil	TY27329	1	500
Diesel Fuel	TY27329	1	500
Engine Coolant	TY27787	1	500
<p><i>250 hours to better maintain engine performance.</i></p> <p>³<i>See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</i></p> <p>⁴<i>Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.</i></p>			

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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

312GR Skid Steer Loader (PIN: 1T0312G_ _ _J288093—)

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)	
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	

