

REPLACEMENT PARTS GUIDE

310 G Backhoe Loader (1T0310GA__F_02263)



ENGINE AIR FILTER ELEMENT—PRIMARY

[AT332908](#)

Interval (hrs) - As required.



ENGINE AIR FILTER ELEMENT—SECONDARY

[AT332909](#)

Interval (hrs) - As required.



ENGINE OIL FILTER ELEMENT

[MIU800650](#)

Interval (hrs) - 500.



PRIMARY FUEL FILTER ELEMENT

[MIU802421](#)

Interval (hrs) - 500.



FINAL FUEL FILTER ELEMENT

[MIU805005](#)

Interval (hrs) - 500.



ENGINE ROCKER ARM COVER GASKET

[MIU803967](#)

Interval (hrs) - 1500.



HYDRAULIC TANK BREATHER FILTER

[AT101565](#)

Interval (hrs) - 1000.



FUEL TANK BREATHER FILTER

[H216169](#)

Interval (hrs) - 1000.



CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED)

[AT191102](#)

Interval (hrs) - As required.



CAB RECIRCULATION FILTER ELEMENT (IF EQUIPPED)

[AT184590](#)

Interval (hrs) - As Required.



TRANSMISSION OIL FILTER ELEMENT

[T444519](#)

Interval (hrs) - 1000.



HYDRAULIC OIL FILTER ELEMENT

[AT495722](#)

Interval (hrs) - 1000.



CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

OIL AND CAPACITIES INFORMATION

310 G Backhoe Loader (1T0310GA__F_02263)

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ^{1,3}	10.5 L (2.8 gal)	500
John Deere Hy-Gard™ Transmission Oil ¹	18.0 L (4.8 gal)	1000
John Deere Hy-Gard™ MFWD Planetary Housing Oil (each side) (if equipped) ¹	0.8 L (0.2 gal)	1000
John Deere Hy-Gard™ MFWD Axle Differential Oil ¹ (if equipped)	7.5 L (2.0 gal)	1000
John Deere Hy-Gard™ Rear Axle Differential Oil ¹	14.5 L (3.8 gal)	1000
John Deere Hy-Gard™ Rear Axle Planetary Housing Oil (each side) ¹	1.5 L (0.4 gal)	1000
John Deere Hydrau™ Hydraulic System Oil ¹	42.8 L (11.3 gal)	2000
John Deere Cool-Gard™ II Pre-Mix (cab)	19.3 L (5.1 gal)	6000
John Deere Cool-Gard™ II Pre-Mix (canopy)	17.4 L (4.6 gal)	6000

Fluid Analysis Kits²

Part Description	Part Number	Qty or capacity	Change Interval In Hours
Transmission Oil	AT346594	1	500
Hydraulic Oil	AT346594	1	500
Diesel Engine Oil	AT346594	1	250
Engine Coolant	TY27787	1	500

¹See operator's manual for recommended oil type oil viscosities based on operating temperatures.

²Based on fluid analysis results, intervals may need to be adjusted for operating conditions. see an authorised John Deere dealer.

³Based on difficult operating conditions, some machines may require more frequent service intervals than the standard 500 hours. If operating in conditions at or above 1829 m (6000 ft), with biodiesel blends greater than B20, or in difficult conditions, perform service interval every 250 hours to better maintain engine performance.

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

310 G Backhoe Loader (1T0310GA__F_02263)	
As Required	
<input type="checkbox"/> Inspect and check tires pressure	<input type="checkbox"/> Check and add windshield washer fluid level (if equipped)
<input type="checkbox"/> Check wheel fastener's torque	<input type="checkbox"/> Lubricate non-powered front wheel bearings (if equipped)
<input type="checkbox"/> Replace cab fresh air and recirculation filters (if equipped)	<input type="checkbox"/> Replace primary and secondary engine air cleaner filter elements
<input type="checkbox"/> Check air conditioning system refrigerant charge and system oil charge	<input type="checkbox"/> Inspect and clean cooling system
<input type="checkbox"/> Drain water and sediment from fuel filters	
Every 10 Hours or Daily	
<input type="checkbox"/> Check coolant level	<input type="checkbox"/> Lubricate backhoe hydraulic coupler (if equipped)
<input type="checkbox"/> Check hydraulic reservoir oil level	<input type="checkbox"/> Lubricate backhoe spring coupler (if equipped)
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Lubricate backhoe coupler mechanical jack (if equipped)
<input type="checkbox"/> Lubricate loader pivot points	<input type="checkbox"/> Lubricate backhoe swing cylinder and pivots
<input type="checkbox"/> Lubricate loader quick coupler (if equipped)	<input type="checkbox"/> Lubricate non-powered front axle steering pivots (if equipped)
<input type="checkbox"/> Lubricate front axle pivot pin	<input type="checkbox"/> Lubricate mechanical front wheel drive (MFWD) front axle steering pivots (if equipped)
<input type="checkbox"/> Lubricate stabilizer pivots and cylinder pins	<input type="checkbox"/> Lubricate mechanical front wheel drive (MFWD) front axle and universal joints (if equipped)
<input type="checkbox"/> Lubricate backhoe boom and crowd cylinders and pivots	<input type="checkbox"/> Lubricate multi-purpose bucket (if equipped)
Every 250 Hours	
<input type="checkbox"/> Check engine oil sample (if equipped)	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Replace mechanical front wheel drive (MFWD) planetary housing oil (if equipped) (break-in)	<input type="checkbox"/> Replace transmission oil filter
<input type="checkbox"/> Replace rear axle planetary housing oil (if equipped) (break-in)	<input type="checkbox"/> Lubricate mechanical front wheel drive (MFWD) drive shaft spline (if equipped)
<input type="checkbox"/> Check rear axle oil level	
Every 500 Hours	
<input type="checkbox"/> Check transmission oil, hydraulic oil and coolant sample (if equipped)	<input type="checkbox"/> Drain and refill engine oil and replace filter element
<input type="checkbox"/> Check air intake hose	<input type="checkbox"/> Replace primary fuel filter
<input type="checkbox"/> Check boom to dipperstick pin bolt	<input type="checkbox"/> Replace final fuel filter
<input type="checkbox"/> Drain water and sediment from fuel tank	



Service intervals

Every 1000 Hours	
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill transmission oil
<input type="checkbox"/> Clean, pack and adjust non-powered front wheel bearings (if equipped)	<input type="checkbox"/> Replace mechanical front wheel drive (MFWD) axle differential oil
<input type="checkbox"/> Replace transmission oil filter	<input type="checkbox"/> Replace rear axle differential oil
<input type="checkbox"/> Replace hydraulic oil filter	<input type="checkbox"/> Replace mechanical front wheel drive (MFWD) planetary housing oil (if equipped)
<input type="checkbox"/> Replace hydraulic reservoir breather	<input type="checkbox"/> Replace rear axle planetary housing oil
<input type="checkbox"/> Replace fuel breather	<input type="checkbox"/> Check automatic belt tensioner and belt wear
Every 1500 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	
Every 2000 Hours	
<input type="checkbox"/> Inspect and clean hydraulic reservoir fill screen	<input type="checkbox"/> Drain and refill hydraulic reservoir
Every 6000 Hours	
<input type="checkbox"/> Drain and refill coolant	

