


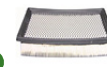


# REPLACEMENT PARTS GUIDE

310 P Backhoe Loader (PIN: 1T0310PA\_\_C\_02263) (PIN: 1T0310PA\_\_F\_02263)



 <p><b>ENGINE AIR FILTER ELEMENT—PRIMARY</b>  <a href="#">AT332908</a>                      Interval (hrs) - As required.</p>	1	 <p><b>HYDRAULIC TANK BREATHER FILTER</b>  <a href="#">AT101565</a>                      Interval (hrs) - 1000.</p>	9
 <p><b>ENGINE AIR FILTER ELEMENT—SECONDARY</b>  <a href="#">AT332909</a>                      Interval (hrs) - As required.</p>	2	 <p><b>FUEL TANK BREATHER FILTER</b>  <a href="#">H216169</a>                      Interval (hrs) - 1000.</p>	10
 <p><b>ENGINE OIL FILTER ELEMENT</b>  <a href="#">RE504836</a>                      Interval (hrs) - 500.</p>	3	 <p><b>TRANSMISSION OIL FILTER ELEMENT</b>  <a href="#">AT466863</a>                      Interval (hrs) - 1000.</p>	11
 <p><b>PRIMARY FUEL FILTER ELEMENT</b>  <a href="#">AT365870</a> (T2)  <a href="#">DZ115391</a> (FT4)                      Interval (hrs) - 500.</p>	4	 <p><b>HYDRAULIC OIL FILTER ELEMENT</b>  <a href="#">AT495722</a>                      Interval (hrs) - 1000.</p>	12
 <p><b>FINAL FUEL FILTER ELEMENT</b>  <a href="#">RE509031</a> (T2)  <a href="#">DZ115390</a> (FT4)                      Interval (hrs) - 500.</p>	5	 <p><b>DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER (IF EQUIPPED)</b>  <a href="#">H216169</a>                      Interval (hrs) - 4000.</p>	13
 <p><b>OPEN CRANKCASE VENTILATION (OCV) FILTER ELEMENT</b>  <a href="#">DZ105796</a>                      Interval (hrs) - 2000.</p>	6	 <p><b>IN-LINE DIESEL EXHAUST FLUID (DEF) FILTER ELEMENT (IF EQUIPPED)</b>  <a href="#">DZ124403</a>                      Interval (hrs) - 6000.</p>	14
 <p><b>ENGINE ROCKER ARM COVER GASKET</b>  <a href="#">R524468</a> (T2)  <a href="#">DZ111056</a> (FT4)                      Interval (hrs) - 2000.</p>	7	 <p><b>CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED)</b>  <a href="#">AT191102</a>                      Interval (hrs) - As Required.</p>	15
 <p><b>DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER ELEMENT (IF EQUIPPED)</b>  <a href="#">DZ114640</a>                      Interval (hrs) - 2000.</p>	8	 <p><b>CAB RECIRCULATION FILTER ELEMENT (IF EQUIPPED)</b>  <a href="#">AT184590</a>                      Interval (hrs) - As Required.</p>	16



CLICK PART NUMBER TO BUY

\*See operator's manual for additional details.

# OIL AND CAPACITIES INFORMATION

310 P Backhoe Loader (PIN: 1T0310PA\_\_C\_02263) (PIN: 1T0310PA\_\_F\_02263)

Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil <sup>1,3</sup>	13.0 L (3.4 gal)	500	
John Deere Hy-Gard™ Transmission Oil <sup>3</sup>	15.1 L (4.0 gal)	1000	
John Deere Hy-Gard™ MFWD Planetary Housing Oil (each side) (if equipped) <sup>3</sup>	0.9 L(0.24 gal)	2000	
John Deere Hy-Gard™MFWD Front Axle Housing Oil <sup>3</sup> (if equipped)	6.5 L (1.7 gal)	2000	
John Deere Hy-Gard™ Rear Axle and Planetary Oil (each side) <sup>3</sup>	18.0 L (4.8 gal)	2000	
John Deere Hydrau™ Hydraulic Oil <sup>3</sup>	42.8 L (11.3 gal)	2000	
John Deere Cool-Gard™ II Pre-Mix (cab)	27.5 L (7.3 gal)	6000	
John Deere Cool-Gard™ II Pre-Mix (canopy)	25.7 L (6.8 gal)	6000	
Fluid Analysis Kits <sup>2</sup>			
Part Description	Part Number	Qty or capacity	Change Interval In Hours
Transmission Oil	<a href="#">AT346594</a>	1	500
Hydraulic Oil	<a href="#">AT346594</a>	1	500
Engine Coolant	<a href="#">TY27787</a>	1	500
Diesel Engine Oil	<a href="#">AT346594</a>	1	250
<p><sup>1</sup>Based 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 maintain better engine performance.</p> <p><sup>2</sup>Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.</p> <p><sup>3</sup>See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</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

310 P Backhoe Loader (PIN: 1T0310PA__C_02263) (PIN: 1T0310PA__F_02263)	
<b>As Required</b>	
<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	
<b>Every 10 Hours or Daily</b>	
<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 and universal joints (if equipped)
<input type="checkbox"/> Lubricate stabilizer pivots and cylinder pins	<input type="checkbox"/> Lubricate multi-purpose bucket (if equipped)
<input type="checkbox"/> Lubricate backhoe boom and crowd cylinders and pivots	<input type="checkbox"/> Lubricate backhoe bucket cylinder and pivots
<b>Every 250 Hours</b>	
<input type="checkbox"/> Check mechanical front wheel drive (MFWD) planetary housing oil level (if equipped)	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check mechanical front wheel drive (MFWD) front axle housing oil level (if equipped)	<input type="checkbox"/> Lubricate mechanical front wheel drive (MFWD) drive shaft spline (if equipped)
<input type="checkbox"/> Check rear axle oil level	<input type="checkbox"/> Check engine oil sample (if equipped)
<b>Every 500 Hours</b>	
<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	<input type="checkbox"/> Clean engine crankcase ventilation tube



## Service intervals

Every 1000 Hours	
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace hydraulic reservoir breather
<input type="checkbox"/> Clean, pack and adjust non-powered front wheel bearings (if equipped)	<input type="checkbox"/> Replace fuel breather
<input type="checkbox"/> Replace transmission oil filter	<input type="checkbox"/> Drain and refill transmission oil
<input type="checkbox"/> Replace hydraulic oil filter	<input type="checkbox"/> Check automatic belt tensioner and belt wear
Every 2000 Hours	
<input type="checkbox"/> Drain and refill mechanical front wheel drive (MFWD) planetary housing (if equipped)	<input type="checkbox"/> Inspect and clean hydraulic reservoir fill screen
<input type="checkbox"/> Drain and refill mechanical front wheel drive (MFWD) front axle housing (if equipped)	<input type="checkbox"/> Drain and refill hydraulic reservoir
<input type="checkbox"/> Drain and refill rear axle and planetary oil	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Replace open crankcase ventilation filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter
Every 4000 Hours	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header baffle
<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill coolant	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter

