

REPLACEMENT PARTS GUIDE

710 P Backhoe Loader (PIN: 1T0710PA__F_02263)



ENGINE AIR FILTER ELEMENT—PRIMARY

[AT390262](#)

Interval (hrs) - As required.



ENGINE AIR FILTER ELEMENT—SECONDARY

[AT390261](#)

Interval (hrs) - As required.



ENGINE OIL FILTER ELEMENT

[RE504836](#)

Interval (hrs) - 500.



PRIMARY FUEL FILTER ELEMENT

[DZ115391](#)

Interval (hrs) - 500.



FINAL FUEL FILTER ELEMENT

[DZ115390](#)

Interval (hrs) - 500.



DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)

[RE566731](#)

Interval (hrs) - As Required.



OPEN CRANKCASE VENTILATION (OCV) FILTER ELEMENT

[DZ105100](#)

Interval (hrs) - 2000.



ENGINE ROCKER ARM COVER GASKET

[R524499](#)

Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER ELEMENT (IF EQUIPPED)

[DZ114640](#)

Interval (hrs) - 2000.



HYDRAULIC TANK BREATHER FILTER

[AT101565](#)

Interval (hrs) - 1000.



FUEL TANK BREATHER FILTER

[H216169](#)

Interval (hrs) - 1000.



HYDRAULIC OIL FILTER ELEMENT

[AT495722](#)

Interval (hrs) - 1000.



TRANSMISSION OIL FILTER ELEMENT

[AT466863](#)

Interval (hrs) - 1000.



DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER

[H216169](#)

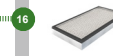
Interval (hrs) - 4000.



CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED)

[AT191102](#)

Interval (hrs) - As Required .



CAB RECIRCULATION FILTER ELEMENT (IF EQUIPPED)

[AT184590](#)

Interval (hrs) - As Required .



DEF HEADER BAFFLE

[DZ119429](#)

Interval (hrs) - 4000.



DEF INLINE FILTER

[DZ100304](#)

Interval (hrs) - 6000.



JOHN DEERE

OIL AND CAPACITIES INFORMATION

710 P Backhoe Loader (PIN: 1T0710PA__F_02263)

Part Description		Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ^{1,3}		13.0 L (3.4 gal)	500
John Deere Hy-Gard™ Transmission Oil ³		15.1 L (4.0 gal)	1000
John Deere Hy-Gard™ MFWD Planetary Housing Oil (each side) (if equipped) ³		2.2 L (0.58 gal)	2000
John Deere Hy-Gard™ MFWD Front Axle Housing Oil ³ (if equipped)		15.0 L (4.0 gal)	2000
John Deere Hy-Gard™ Rear Axle and Planetary Oil (each side) ³		25.0 L (6.6 gal)	2000
John Deere Hydrau™ Hydraulic Oil ³		50.1 L (13.2 gal)	2000
John Deere Cool-Gard™ II Pre-Mix (cab)		27.0 L (7.13 gal)	6000
John Deere Cool-Gard™ II Pre-Mix (canopy)		25.0 L (6.6 gal)	6000
Fluid Analysis Kits ²			
Part Description	Part Number	Qty or capacity	Change Interval In Hours
Transmission Oil	AT346594	1	500
Hydraulic Oil	AT346594	1	500
Engine Coolant	TY27787	1	500
Diesel Engine oil	AT346594	1	250
<p>¹Based 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>²Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.</p> <p>³See 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

710 P Backhoe Loader (PIN: 1T0710PA__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	<input type="checkbox"/> Service exhaust filter
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 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
Every 250 Hours	
<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)
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	<input type="checkbox"/> Lubricate rear axle input shaft seal



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"/> Replace diesel exhaust fluid (DEF) dosing unit filter
<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"/> Replace open crankcase ventilation filter
<input type="checkbox"/> Inspect and clean hydraulic reservoir fill screen	<input type="checkbox"/> Check and adjust engine valve lash
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

