

REPLACEMENT PARTS GUIDE

344L Compact Loader (PIN: 1LU344LX__B043142—)



ENGINE OIL FILTER ELEMENT

[RE504836](#)

Interval (hrs) - 500.



PRIMARY FUEL FILTER ELEMENT

[DZ115391](#)

Interval (hrs) - 500.



FINAL FUEL FILTER ELEMENT

[DZ115390](#)

Interval (hrs) - 500.



HYDRAULIC SYSTEM RETURN FILTER

[AT312905](#)

Interval (hrs) - 1000.



PRIMARY AIR CLEANER ELEMENT

[AT222722](#)

Interval (hrs) - 1000.



SECONDARY AIR CLEANER ELEMENT

[AT203470](#)

Interval (hrs) - 1000.



AIR CLEANER DUST UNLOADER VALVE

[T158495](#)

Interval (hrs) - 1000.



ENGINE ROCKER ARM COVER GASKET

[R524499](#)

Interval (hrs) - 2000.



CAB RECIRCULATION AIR FILTER

[LW12202965](#)

Interval (hrs) - 1000.



HYDRAULIC OIL CAP BREATHER ELEMENT

[AT334649](#)

Interval (hrs) - 1000.



DIESEL EXHAUST FLUID (DEF) HEADER SUCTION FILTER (S.N. —59700)

[DZ111004](#)

Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER

[H216169](#)

Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER (S.N. 59701—)

[DZ118548](#)

Interval (hrs) - 6000.



OPEN CRANKCASE VENTILATION (OCV) FILTER

[DZ105100](#)

Interval (hrs) - 2000.



DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER

[RE554498](#)

Interval (hrs) -2000.



JOHN DEERE
Genuine Parts and Service

OIL AND CAPACITIES INFORMATION

344L Compact Loader (PIN: 1LU344LX__B043142—)

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ¹	14.0 L (3.7 gal)	500
API GL-5 Axle Differential, Gear Case, and Final Drive Oil ¹	20.2 L (5.3 gal)	1000
John Deere Hydrau™ Hydraulic Oil ¹	115.0 L (30.4 gal)	2000
John Deere Cool-Gard™II Pre-Mix	21.0 L (5.5 gal)	6000
Fluid Analysis Kits ²		
Engine Oil	1	250
Hydraulic Oil	1	500
Diesel Fuel	1	500
Final Drive Oil	4	500
Axle Differential Oil	1	500
Gear Case Oil	1	500
Engine Coolant	1	500
¹ See operator's manual for recommended oil type and oil viscosities based on operating temperatures. ² 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

Hydrau is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company

Service Interval

As Required	
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Inspect tires and check tire pressure
<input type="checkbox"/> Lubricate hinges, latches, and frame articulation stops	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Check wheel nut torque	<input type="checkbox"/> Inspect serpentine belt and tensioner
Every 10 Hours or Daily	
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check hydraulic oil level
<input type="checkbox"/> Clean air cleaner dust unloader valve	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Check engine coolant level	<input type="checkbox"/> Lubricate quick disconnect pins and bushings
Every 50 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots	<input type="checkbox"/> Lubricate frame hinge pivots
<input type="checkbox"/> Lubricate steering cylinder	<input type="checkbox"/> Lubricate rear oscillating axle and kingpin bearings
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Check final drive oil level	<input type="checkbox"/> Check service (drum) brake oil level
<input type="checkbox"/> Check axle differential and transmission oil levels	<input type="checkbox"/> Drain water and sediment from hydraulic tank
<input type="checkbox"/> Check and clean cooling package	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Check battery electrolyte level and terminals	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take axle differential oil sample
<input type="checkbox"/> Replace primary fuel filter and water separator	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take final drive oil sample
<input type="checkbox"/> Check air intake hoses	<input type="checkbox"/> Take diesel fuel sample
Every 1000 Hours	
<input type="checkbox"/> Check service (drum) brake pads	<input type="checkbox"/> Replace air cleaner elements
<input type="checkbox"/> Drain and refill final drive oil	<input type="checkbox"/> Replace air cleaner dust unloader valve
<input type="checkbox"/> Drain and refill axle differential and transmission oil	<input type="checkbox"/> Replace hydraulic oil cap breather
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace cab recirculation air filter
<input type="checkbox"/> Replace hydraulic system return filter	
Every 2000 Hours	
<input type="checkbox"/> Drain and refill hydraulic oil	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Check axle mounting cap screw torque	<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter
<input type="checkbox"/> Check rear axle kingpin bearing and steering rod connections	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter ³
<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank (S.N. —59700)	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter (S.N. —59700)
<input type="checkbox"/> Clean hydraulic system strainer	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter ³ (S.N. 59701—)