

REPLACEMENT PARTS GUIDE

744L (PIN: 1DW744L__D697296—)



ENGINE ROCKER ARM COVER GASKET - FRONT (TOP AND BOTTOM) - [R531581](#)

Interval (hrs) - 2000.



ENGINE ROCKER ARM COVER GASKET - REAR - [R531582](#)

Interval (hrs) - 2000.



CAB FRESH AIR FILTER - [AT191102](#)



CAB RECIRCULATION AIR FILTER - [AT307501](#)

Interval (hrs) - As Required.



AXLE OIL FILTER

[AH128449](#)

Interval (hrs) - 1000.



OUTER PIN SEALS

[AT341092](#)

Interval (hrs) - As Required.



SERPENTINE BELT

[R500090](#)

Interval (hrs) - As Required.



AIR CLEANER DUST UNLOADER VALVE -

[T158495](#)

Interval (hrs) - As Required.



AUTO-LUBE INTERNAL PUMP FILTER (IF EQUIPPED) - [T420232](#)

Interval (hrs) - As Required.



DRIVELINE DAMPER

[AT426103](#)

Interval (hrs) - As Required.



ENGINE OIL FILTER

[DZ101884](#)

Interval (hrs) - 500.

1

2

3

4

5

6

7

8

9

10



11

12

13

14

15

16

17

18

19

20



PRIMARY FUEL FILTER

[RE539465](#)

Interval (hrs) - 500.



FINAL FUEL FILTER

[RE533910](#)

Interval (hrs) - 500.



FAST FILL FUEL BREATHER (IF EQUIPPED)

[T225008](#)

Interval (hrs) - 500.



HYDRAULIC RESERVOIR BREATHER

[AM39653](#)

Interval (hrs) - 500.



PRIMARY AIR CLEANER ELEMENTS

[AT223226](#)

Interval (hrs) - 1000.



SECONDARY AIR CLEANER ELEMENTS

[AT175224](#)

Interval (hrs) - 1000.



FUEL TANK BREATHER

[H216169](#)

Interval (hrs) - 1000.



TRANSMISSION OIL FILTER

[AT468647](#)

Interval (hrs) - 2000.



HYDRAULIC SYSTEM RETURN FILTER

[AT335977](#)

Interval (hrs) - 4000.



AUXILIARY FUEL FILTER (IF EQUIPPED)

[AT387534](#)

Interval (hrs) - 500.



JOHN DEERE

Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

REPLACEMENT PARTS GUIDE

744L (PIN: 1DW744L__ _D697296—)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ²		34.0 L (9.0 gal)	500
John Deere Hy-Gard™ Oil			
Front and Rear Axle Oil ²		55.3 L (14.6 gal)	2000
Park Brake Oil ²		0.7 L (24 oz)	1000
Transmission Oil ²		28.0 L (7.4 gal)	2000
John Deere Hydrau™ Hydraulic System Oil ²		142.0 L (37.5 gal)	4000
John Deere Cool-Gard™ II Pre-Mix		48.0 L (12.7 gal)	6000
Fluid Analysis Test Kits³			
Engine Oil	AT346594	1	250
Transmission Oil	AT346594	1	500
Axle Oil	AT346594	2	500
Park Brake	AT346594	1	500
Hydraulic Oil	AT346594	1	500
Diesel Fuel	TY27329	1	500
Engine Coolant	TY27787	1	500
<p>²See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</p> <p>³Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.</p>			

Plus-50 is a trademark of Deere & Company
Hydrau is a trademark of Deere & Company
Hy-Gard is a trademark of Deere & Company
Cool-Gard is a trademark of Deere & Company



Service Intervals

744L (PIN: 1DW744L_ _ _D697296—)

As Required	
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Clean cooler cores
<input type="checkbox"/> Check wheel bolt/nut torque	<input type="checkbox"/> Check windshield washer fluid level
<input type="checkbox"/> Inspect engine air cleaner elements	<input type="checkbox"/> Drain water from primary fuel filter with water separator
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Drain water from auxiliary fuel filter with water separator
<input type="checkbox"/> Replace fast fill fuel breather (if equipped)	<input type="checkbox"/> Check and clean or replace cab fresh air filter
<input type="checkbox"/> Check and clean fuel sending unit pick-up screen	<input type="checkbox"/> Check and clean or replace cab recirculating air filter
<input type="checkbox"/> Refill auto-lube grease reservoir (if equipped)	<input type="checkbox"/> Check and clean air cleaner dust unloader valve
<input type="checkbox"/> Clean hydraulic pump case drain in-line screens	<input type="checkbox"/> Drain, flush, and refill fuel tank
<input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped)	<input type="checkbox"/> Clean and tighten battery terminals
Every 10 Hours or Daily	
<input type="checkbox"/> Inspect outer pin seals	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Inspect auto-lube grease lines for damage and leakage (if equipped)
<input type="checkbox"/> Clean air cleaner dust unloader valve, replace if damaged	<input type="checkbox"/> Inspect auto-lube grease reservoir and manifolds for damage and leakage (if equipped)
Initial Service—100 Hours ¹	
<input type="checkbox"/> Replace axle oil filters	<input type="checkbox"/> Drain and refill front and rear axle oil
Every 100 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots (less auto-lube)	
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Lubricate front and rear shaft seals on park brake	<input type="checkbox"/> Check front and rear axle oil level
<input type="checkbox"/> Lubricate driveline upper and lower sliding joints and lower U-joints	<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings
<input type="checkbox"/> Lubricate front and rear axle shaft seals	<input type="checkbox"/> Check park brake oil level
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)
<input type="checkbox"/> Replace fast fill fuel breather filter (if equipped)	<input type="checkbox"/> Take axle oil sample
<input type="checkbox"/> Replace primary fuel filter with water separator	<input type="checkbox"/> Take park brake oil sample
<input type="checkbox"/> Replace auxiliary fuel filter with water separator (if equipped)	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Replace hydraulic reservoir breather filter	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Inspect auto-lube internal pump filter (if equipped)	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Check ride control accumulator	
Every 1000 Hours	
<input type="checkbox"/> Replace engine air cleaner elements	<input type="checkbox"/> Replace fuel tank breather filter
<input type="checkbox"/> Lubricate frame hinge pivots (less autolube)	<input type="checkbox"/> Check coolant condition
<input type="checkbox"/> Drain and refill park brake oil	
<input type="checkbox"/> Replace axle oil filters	

Every 2000 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Drain and refill transmission oil and replace filters
<input type="checkbox"/> Rerun transmission clutch calibration (cab monitor)	<input type="checkbox"/> Drain and refill front and rear axle oil
Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Drain, flush, and refill hydraulic system oil
<input type="checkbox"/> Replace hydraulic system return filters	
Every 5000 Hours	
<input type="checkbox"/> Check driveline damper for cracks	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	