

# REPLACEMENT PARTS GUIDE

## 544K-II 4WD Loader (PIN: 1BZ544KA\_\_D001001—)



### ENGINE AIR CLEANER ELEMENT— SECONDARY FILTER

[AT314583](#)

Interval (hrs) - 1000



### ENGINE AIR CLEANER ELEMENT— PRIMARY FILTER

[AT300487](#)

Interval (hrs) - 1000



### HYDRAULIC RESERVOIR BREATHER FILTER (ENGINE 6068HDW83)

[T225008](#)

Interval (hrs) - 500



### HYDRAULIC RESERVOIR BREATHER FILTER (ENGINE 6068HDW74)

[AM39653](#)

Interval (hrs) - 500



### CAB RECIRCULATING FILTER

[AT307501](#)

Interval (hrs) - As Required.



### CAB FRESH AIR FILTER

[AT191102](#)

Interval (hrs) - As Required.



### CRANKSHAFT DAMPER (ENGINE 6068HDW74)

[RE505881](#)

Interval (hrs) - 4000.



### FUEL FILTER WITHOUT HEATER

[AT433554](#)

Interval (hrs) - 500.



### FUEL FILTER WITH HEATER

[AT365870](#)

Interval (hrs) - 500.



### ENGINE ROCKER ARM COVER GASKET (ENGINE 6068HDW74)

[R524469](#)

Interval (hrs) - 2000.



### ENGINE ROCKER ARM COVER GASKET (ENGINE 6068HDW83)

[R524497](#)

Interval (hrs) - 2000.



### IN-LINE FUEL STRAINER

[AT223493](#)

Interval (hrs) - 500.



### CRANKSHAFT DAMPER (ENGINE 6068HDW83)

[RE508578](#)

Interval (hrs) - 4000.

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## 544K-II 4WD Loader (PIN: 1BZ544KA\_\_D001001—)



### OUTER PIN SEALS : NEVERGREASE™ STEERING CYLINDER JOINTS (IF EQUIPPED)

[T277593](#)

Interval (hrs) - As Required.



### HYDRAULIC SYSTEM RETURN FILTER

[AT335977](#)

Interval (hrs) - 4000



### AXLE OIL FILTERS (IF EQUIPPED)

[AT367635](#)

Interval (hrs) - 1000



### TRANSMISSION OIL FILTER<sup>2</sup>

[AT468647](#)

Interval (hrs) - 2000



### OUTER PIN SEALS : ATTACHMENT TO BUCKET LINK JOINTS

[AT336321](#)

Interval (hrs) - As Required.



### ENGINE AIR CLEANER DUST UNLOADER VALVE

[M89679](#)

Interval (hrs) - 1000.



### FINAL FUEL FILTER (SEVERE APPLICATION)

[AT526918](#)

Interval (hrs) - 500.



### PRIMARY FUEL FILTER (SEVERE APPLICATION)

[AT365870](#)



### PRIMARY FUEL FILTER

[RE541922](#)

Interval (hrs) - 500.



### FINAL FUEL FILTER

[RE522878](#)

Interval (hrs) - 500.



### ENGINE OIL FILTER

[RE504836](#)

Interval (hrs) - 500.



**JOHN DEERE**  
Genuine Parts and Service

# OIL & CAPACITIES INFORMATION

## 544K-II 4WD Loader (PIN: 1BZ544KA\_ \_D001001— )

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>3</sup>	19.0 L (5.0 gal)	500
John Deere Hydrau™ Hydraulic Oil <sup>3</sup>	92.0 L (24.3 gal)	4000
John Deere Hy-Gard™ Transmission Oil <sup>2,3</sup>	21.5 L (5.7 gal)	2000
John Deere Hy-Gard™ Park Brake Oil <sup>3</sup>	300.0 mL (10.0 fl oz)	1000
John Deere Hy-Gard™ Front Axle Oil and Rear Axle Oil (each) <sup>3</sup>	17.0 L (4.5 gal)	2000
John Deere Cool-Gard™ Pre-Mix	22.5 L (5.9 gal)	6000

# OIL & CAPACITIES INFORMATION

## 544K-II 4WD Loader (PIN: 1BZ544KA\_\_D001001— )

Fluid Analysis Test Kits <sup>4</sup>		
Part Description	Qty or capacity	Change Interval In Hours
Diesel Engine Oil	1	250
Transmission Oil	1	500
Axle Oil	2	500
Hydraulic Oil	1	500
Diesel Fuel	1	500
Engine Coolant	1	500

<sup>2</sup>Reduce service intervals to 1500 hours in severe applications, which run the torque converter at high loads for more than approximately 25% of the time.

<sup>3</sup>See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

<sup>4</sup>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*  
*Hy-Gard is a trademark of Deere & Company*  
*Cool-Gard is a trademark of Deere & Company*



**CLICK PART NUMBER TO BUY**

**\*See operator's manual for additional details.**

## Service Intervals

As Required	
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Drain water from primary fuel filter and water separator
<input type="checkbox"/> Check wheel bolt torque	<input type="checkbox"/> Drain water from final fuel filter
<input type="checkbox"/> Inspect engine air cleaner elements	<input type="checkbox"/> Drain water from auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Inspect air conditioner compressor and alternator belt	<input type="checkbox"/> Check and clean or replace cab fresh air filter
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Check and clean or replace cab recirculating air filter
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Check coolant condition
<input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped)	
Every 10 Hours or Daily	
<input type="checkbox"/> Clean air cleaner dust unloader valve	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check coolant level in surge tank	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Inspect outer pin seals (if equipped)
Every 100 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots (unless NeverGrease™ equipped)	
Initial Service—250 Hours	
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Replace axle oil filters (if equipped)
<input type="checkbox"/> Drain and refill engine oil and replace filter	
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Lubricate driveline upper and lower sliding joints and lower U-joints	<input type="checkbox"/> Replace hydraulic reservoir breather filter
<input type="checkbox"/> Check front and rear axle oil level	<input type="checkbox"/> Check park brake oil level
<input type="checkbox"/> Lubricate front and rear axle shaft seals	<input type="checkbox"/> Lubricate front and rear shaft seals on park brake
<input type="checkbox"/> Check battery electrolyte level and terminals	<input type="checkbox"/> Check ride control accumulator (if equipped)
<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Replace primary fuel filter	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take axle oil sample
<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace in-line fuel strainer	
Every 1000 Hours	
<input type="checkbox"/> Clean engine crankcase vent tube	<input type="checkbox"/> Drain and refill park brake oil
<input type="checkbox"/> Replace air cleaner dust unloader valve	<input type="checkbox"/> Replace axle oil filters (if equipped)
<input type="checkbox"/> Replace engine air cleaner elements	<input type="checkbox"/> Check coolant condition
<input type="checkbox"/> Lubricate frame hinge pivots	
Every 2000 Hours	
<input type="checkbox"/> Drain and refill transmission oil and replace filter	<input type="checkbox"/> Rerun transmission clutch calibration
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Clean front and rear axle oil recirculation screens (if equipped)	<input type="checkbox"/> Replace outer pin seals (if equipped)
Every 4000 Hours	
<input type="checkbox"/> Drain, flush, and refill hydraulic system oil	<input type="checkbox"/> Clean hydraulic pump case drain in-line screen
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Replace crankshaft damper
<input type="checkbox"/> Replace hydraulic system return filter	
Every 4000 Hours	
<input type="checkbox"/> Inspect driveline damper	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	