




REPLACEMENT PARTS GUIDE


550K Crawler Dozer (PIN: 1T0550KK__F305398—)





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ENGINE AIR FILTER ELEMENT—PRIMARY
[AT390262](#)
Interval (hrs) - As Required
- 


ENGINE AIR FILTER ELEMENT—SECONDARY
[AT390261](#)
Interval (hrs) - As Required
- 


HYDRAULIC SYSTEM OIL FILTER
[T366738](#)
Interval (hrs) - 2000.
- 


WINCH HYDRAULIC RESERVOIR BREATHER FILTER (IF EQUIPPED)
[AT101565](#)
Interval (hrs) - 1000.
- 


DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)
[RE567056](#)
Interval (hrs) - As Required
- 

OPEN CRANKCASE VENTILATION (OCV) FILTER
[DZ105100](#)
Interval (hrs) - 2000.
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ENGINE OIL FILTER
[RE504836](#)
Interval (hrs) - 500.
- 


SERPENTINE BELT—450K AND 550K (WITH AIR CONDITIONING)
[T359321](#)
Interval (hrs) - As Required
- 


SERPENTINE BELT—450K AND 550K (WITHOUT AIR CONDITIONING)
[T370705](#)
Interval (hrs) - As Required
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SERPENTINE BELT 650K (WITHOUT AIR CONDITIONING)
[R135607](#)
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SERPENTINE BELT—50K (WITH AIR CONDITIONING)
[R522837](#)
Interval (hrs) - As Required





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TRANSMISSION OIL FILTERS
[AT191102](#)
Interval (hrs) - As Required
- 


CAB RECIRCULATION AIR FILTER ELEMENT (IF EQUIPPED)
[AT315957](#)
Interval (hrs) - As Required
- 


CAB FRESH AIR FILTER ELEMENT
[AT365870](#)
Interval (hrs) - 500.
- 


FUEL TANK BREATHER
[T231314](#)
Interval (hrs) - 2000.
- 


DIESEL EXHAUST FLUID (DEF) TANK BREATHER
[H216169](#)
Interval (hrs) - 4000
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DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER-
[RE554498](#)
Interval (hrs) - 2000
- 

DIESEL EXHAUST FLUID (DEF) HEADERSUCTION FILTER AND Baffle -
[AT484544](#)
Interval (hrs) - 4000
- 

WINCH OIL FILTER (IF EQUIPPED)
[AT219961](#)
Interval (hrs) - 500.
- 

FINAL FUEL FILTER ELEMENT
[RE551508](#)
- 






PRIMARY FUEL FILTER ELEMENT
[RE551507](#)
Interval (hrs) - 500
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ENGINE ROCKER ARM COVER GASKET
[R524499](#)
Interval (hrs) - 2000.



REPLACEMENT PARTS GUIDE

550K Crawler Dozer (PIN: 1T0550KK__F305398—)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John DeerePlus-50™ II Engine Oil ¹ 	TY26669	15.1 L (4.0 gal)	500
John Deere Hydrau™ Hydraulic and Hydrostatic System Oil ¹ 	TY27367	100.0 L (26.4 gal)	2000
John Deere Hy-Gard™ Winch Oil (if equipped) ¹ 	TY6354	8.5 L (2.3 gal)	1000
John Deere Hy-Gard™ Winch Oil (if equipped) ¹ 	TY6354	38.0 L (10.0 gal)	1000
John Deere Cool-Gard™ II Pre-Mix 	TY26575	21.1 L (5.6 gal)	6000
Fluid Analysis Kits⁶			
Diesel Engine Oil	AT346594	1	500
Hydraulic/Hydrostatic System Oil	AT346594	1	500
Final Drive Oil	AT346594	2	500
Diesel Fuel	AT180344	1	500
Engine Coolant	TY26873	1	500

⁴ The magnetic drain plug is serving its purpose when a ball of fine metal particles or chips are found on the magnet. If concerned with the amount of debris on the plug, clean and check again after running a short time with fresh oil.

⁵ See operator's manual for recommended oil type and oil viscosities based on operating temperatures

⁶ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

Service Intervals

450K Crawler Dozer (PIN: 1T0450KX_ _F304771—)

550K Crawler Dozer (PIN: 1T0550KK_ _F305398—)

650K Crawler Dozer (PIN: 1T0650KK_ _F305399—)

As Required

<input type="checkbox"/> Inspect and clean cooling package	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Inspect or replace belt and check automatic belt tensioner	<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Replace primary and secondary engine air filter elements	<input type="checkbox"/> Inspect and replace cab fresh air and recirculation filter elements
<input type="checkbox"/> Check air cleaner dust unloader valve	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check and fill windshield washer fluid	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Clean and tighten battery terminals	

Every 10 Hours or Daily

<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check hydraulic/hydrostatic system oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Lubricate dozer linkage and blade socket

Every 50 Hours

Lubricate rear ripper (if equipped)

Every 250 Hours

Check final drive oil level Take engine oil sample

Every 500 Hours

<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Replace winch oil filter (if equipped)
<input type="checkbox"/> Replace primary and final fuel filters	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace auxiliary fuel filter (if equipped)	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Take final drives oil sample
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Take hydraulic/hydrostatic system oil sample
<input type="checkbox"/> Check blade shim adjustment	

Every 1000 Hours

<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace cab fresh air and recirculation filters
<input type="checkbox"/> Check air intake hoses and connections	<input type="checkbox"/> Clean or replace winch hydraulic breather filter (if equipped)
<input type="checkbox"/> Drain and refill final drive oil	<input type="checkbox"/> Drain and refill winch oil and replace filter (if equipped)

Every 2000 Hours

<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Drain and refill hydraulic/hydrostatic system oil and replace filters	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter

Every 3000 Hours

Check and adjust engine valve lash

Every 4000 Hours

<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather	<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) baffle

Every 6000 Hours

Drain and refill engine cooling system