

REPLACEMENT PARTS GUIDE

1050K Crawler Dozer (PIN: 1T01050K_D268234-)



ENGINE



AIR FILTER ELEMENT PRIMARY
[AT411949](#)

Interval (hrs) - As Required.

1



AIR FILTER ELEMENT SECONDARY
[AT411946](#)

Interval (hrs) - As Required.

2



SERPENTINE BELT
[R531353](#)

Interval (hrs) - As Required.

3



AIR CLEANER DUST UNLOADER VALVE
[T309251](#)

Interval (hrs) - As Required.

4



PRIMARY FUEL FILTER ELEMENT
[RE539465](#)

Interval (hrs) - 500.

5



ROCKER ARM COVER GASKET (FRONT) [R531581](#)

Interval (hrs) - 2000.

6



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

Interval (hrs) - 2000.

7



OIL FILTER
[RE572785](#)

Interval (hrs) - 500.

8



HYDRAULIC



SYSTEM OIL FILTER
[AT415840](#)

Interval (hrs) - 2000.

15



FAN DRIVE SYSTEM OIL FILTER
[T366738](#)

Interval (hrs) - 2000.

14



TANK BREATHER
[AT415455](#)

Interval (hrs) - 2000.

13

CAB



FRESH AIR FILTER ELEMENT
[AT191102](#)
RECIRCULATION AIR FILTER ELEMENT
[AT315957](#)

Interval (hrs) - 1000.

12

OTHERS



FUEL TANK BREATHER
[T231314](#)

Interval (hrs) - 2000.

11

ENGINE



AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)
[AT365869](#)

Interval (hrs) - 500.

10






















FINAL FUEL FILTER ELEMENT
[RE533910](#)

Interval (hrs) - 500.

9

PARTS AND CAPACITIES INFORMATION

1050K Crawler Dozer (PIN: 1T01050K_D268234-)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ¹ 	TY26669 	43.5 L (11.5 gal)	500
John Deere Hydrau™ Hydraulic System Oil ¹ 	TY27367 	87.1 L (23.0 gal)	2000
John Deere Hydrau™ Hydrostatic System Oil ¹ 	TY27367 	149.1 L (39.4 gal)	2000
John Deere Hy-Gard™ Inner Final Drive Oil ¹ (each side) 	TY6354 	6.2 L (1.6 gal)	1000
John Deere Hy-Gard™ Outer Final Drive Oil ¹ (each side) 	TY6354 	29.3 L (7.7 gal)	1000
John Deere Hy-Gard™ Track Frame Pivot Shaft Bushing Oil ¹ 	TY6354 	2.4 L (2.5 qt)	1000
John Deere Cool-Gard™ II Pre-Mix 	TY26575 	73.5 L (19.4 gal)	6000
Fluid Analysis Test Kits ²			
Engine Oil	AT346594 	1	500
Inner and Outer Final Drive Oil	AT346594 	4	500
Hydraulic System and Hydrostatic Transmission Oil	AT346594 	2	500
Diesel Fuel	AT180344 	1	500
Engine Coolant	TY26873 	1	500

¹See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

²Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.

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 Hydrau™ is a trademark of Deere & Company
 Hy-Gard™ is a trademark of Deere & Company

Service Intervals

1050K Crawler Dozer (PIN: 1T01050K__D268234—)	
As Required	
<input type="checkbox"/> Inspect and clean cooling system	<input type="checkbox"/> Check and fill windshield washer fluid
<input type="checkbox"/> Check and adjust track sag	<input type="checkbox"/> Check air cleaner dust unloader valve
<input type="checkbox"/> Check and replace cab fresh air and recirculation filter elements	<input type="checkbox"/> Replace primary and secondary engine air filter elements
<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	<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 engine oil level
<input type="checkbox"/> Check hydraulic system oil level	<input type="checkbox"/> Lubricate pushbeam dozer linkage
<input type="checkbox"/> Check hydrostatic transmission oil level	<input type="checkbox"/> Lubricate mechanical outside angle dozer linkage (if equipped)
Every 50 Hours	
<input type="checkbox"/> Lubricate right, left, and center crossbar pivots	<input type="checkbox"/> Lubricate rear ripper (if equipped)
<input type="checkbox"/> Lubricate lift cylinder pivots	
Every 250 Hours	
<input type="checkbox"/> Check inner and outer final drive oil level	<input type="checkbox"/> Take engine oil sample
Every 500 Hours	
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take hydraulic system oil sample
<input type="checkbox"/> Drain water and sediment from fuel tank	<input type="checkbox"/> Take inner and outer final drive oil sample
<input type="checkbox"/> Replace primary and final fuel filters	<input type="checkbox"/> Take hydrostatic transmission oil sample
<input type="checkbox"/> Replace auxiliary fuel filter	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Flush and drain final drive seal cavity oil	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	
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"/> Check and refill track frame pivot shaft bushing oil
<input type="checkbox"/> Drain and refill inner and outer final drive oil	
Every 2000 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Drain and refill hydraulic system oil and replace filter	<input type="checkbox"/> Replace hydrostatic tank breather
<input type="checkbox"/> Drain and refill transmission oil and replace hydrostatic charge oil filter	<input type="checkbox"/> Replace hydraulic tank breather
<input type="checkbox"/> Replace hydraulic fan drive system oil filter	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	