

# REPLACEMENT PARTS GUIDE

## 700J-II Crawler Dozer (PIN: 1BZ700JA\_\_D000001—)



**SECONDARY ENGINE AIR FILTER ELEMENT**  
[AT314583](#)  
 Interval (hrs) - As Required.

**PRIMARY ENGINE AIR FILTER ELEMENT**  
[AT300487](#)  
 Interval (hrs) - As Required.

**ENGINE AIR CLEANER DUST UNLOADER VALVE**  
[M89679](#)  
 Interval (hrs) - As Required.

**ENGINE ROCKER ARM COVER GASKET**  
[R524469](#)  
 Interval (hrs) -2000.

**ENGINE OIL FILTER**  
[RE504836](#)  
 Interval (hrs) -500.

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



**CAB FRESH AIR FILTER**  
[AT191102](#)  
 Interval (hrs) -2000.

**CAB RECIRCULATION FILTER**  
[AT315957](#)  
 Interval (hrs) -2000.

**AUXILIARY FUEL FILTER**  
[AT365870](#)  
 Interval (hrs) -500.

**FUEL TANK BREATHER**  
[AT156445](#)  
 Interval (hrs) -2000.

**PRIMARY FUEL FILTER**  
[RE529643](#)  
 Interval (hrs) -500.






**FINAL FUEL FILTER**  
[RE522878](#)  
 Interval (hrs) -500.

**HYDROSTATIC TRANSMISSION OIL FILTER**  
[T366738](#)  
 Interval (hrs) -2000.



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Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>1</sup> 	<a href="#">TY26669</a>	26.0 L(6.9 gal)	500
John Deere Hy-Gard™ Final Drive Oil <sup>1</sup> (each side) 	<a href="#">TY6354</a>	13.0 L(3.4 gal)	1000
John Deere Hydrau™ Hydrostatic Transmission Oil <sup>1</sup> 	<a href="#">TY27367</a>	65.1 L(17.2 gal)	2000
John Deere Hydrau™ Hydraulic System Oil <sup>1</sup> 	<a href="#">TY27367</a>	51.0 L(13.5 gal)	2000
John Deere Cool-Gard™ II Pre-Mix 	<a href="#">TY26575</a>	21.2 L(5.6 gal)	6000
Fluid Analysis Kits <sup>2</sup>			
Engine Oil	<a href="#">AT346594</a>	1	500
Hydrostatic Transmission Oil	<a href="#">AT346594</a>	1	500
Hydraulic Oil	<a href="#">AT346594</a>	1	500
Final Drive Oil	<a href="#">AT346594</a>	2	500
Diesel Fuel	<a href="#">AT180344</a>	1	500
Engine Coolant	<a href="#">TY26873</a>	1	500
<sup>1</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures. <sup>2</sup> Based 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

COOL-GARD is a trademark of Deere & Company

## Service Intervals

700J-II Crawler Dozer (PIN: 1BZ700JA\_ \_D000001— )

As Required	
<input type="checkbox"/> Inspect or replace belt and check automatic belt tensioner	<input type="checkbox"/> Check and adjust track sag
<input type="checkbox"/> Check and clean engine air filter precleaner	<input type="checkbox"/> Replace engine air cleaner elements
<input type="checkbox"/> Check air cleaner dust unloader valve	<input type="checkbox"/> Check and drain primary fuel filter and water separator
<input type="checkbox"/> Check and fill windshield washer fluid	<input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)
<input type="checkbox"/> Inspect or replace cab fresh air and cab recirculation air filters	<input type="checkbox"/> Inspect and clean cooling package
Every 10 Hours or Daily	
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check hydraulic oil level
<input type="checkbox"/> Check engine coolant level	<input type="checkbox"/> Check hydrostatic transmission oil level
<input type="checkbox"/> Lubricate right, left, and center crossbar pivots	<input type="checkbox"/> Lubricate dozer linkage and blade socket
Every 50 Hours	
<input type="checkbox"/> Lubricate ripper (if equipped)	
Initial Service—Every 250 Hours <sup>3</sup>	
<input type="checkbox"/> Drain and refill engine oil and replace filter	
Every 250 Hours	
<input type="checkbox"/> Check 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"/> Drain water and sediment from fuel tank
<input type="checkbox"/> Replace primary fuel filter and water separator	<input type="checkbox"/> Take final drive oil sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Replace auxiliary fuel filter and water separator (if equipped)	<input type="checkbox"/> Take hydrostatic transmission oil sample
<input type="checkbox"/> Check battery electrolyte level and terminals	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Check blade pivot shim adjustment	<input type="checkbox"/> Take engine coolant sample
Every 1000 Hours	
<input type="checkbox"/> Check air intake hose	<input type="checkbox"/> Replace cab fresh air and recirculation air filters
<input type="checkbox"/> Drain and refill final drive oil	<input type="checkbox"/> Check track frame pivot shaft bushing oil level
<input type="checkbox"/> Check coolant condition	
Every 2000 Hours	
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Drain and refill hydrostatic transmission oil and replace filter
<input type="checkbox"/> Clean engine crankcase ventilation tube	<input type="checkbox"/> Drain and refill hydraulic system oil and replace filter
<input type="checkbox"/> Replace fuel tank breather	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	