

REPLACEMENT PARTS GUIDE

250D Articulated Dump Truck (Series II)(PIN: 1DW250DX__E642001—)



CAB AIR FILTER
[TT226019](#)
 Interval (hrs) - 500.

PRIMARY FUEL FILTER
[RE539465](#)
 Interval (hrs) - 500.

SECONDARY FUEL FILTER
[DZ112918](#)
 Interval (hrs) - 500.

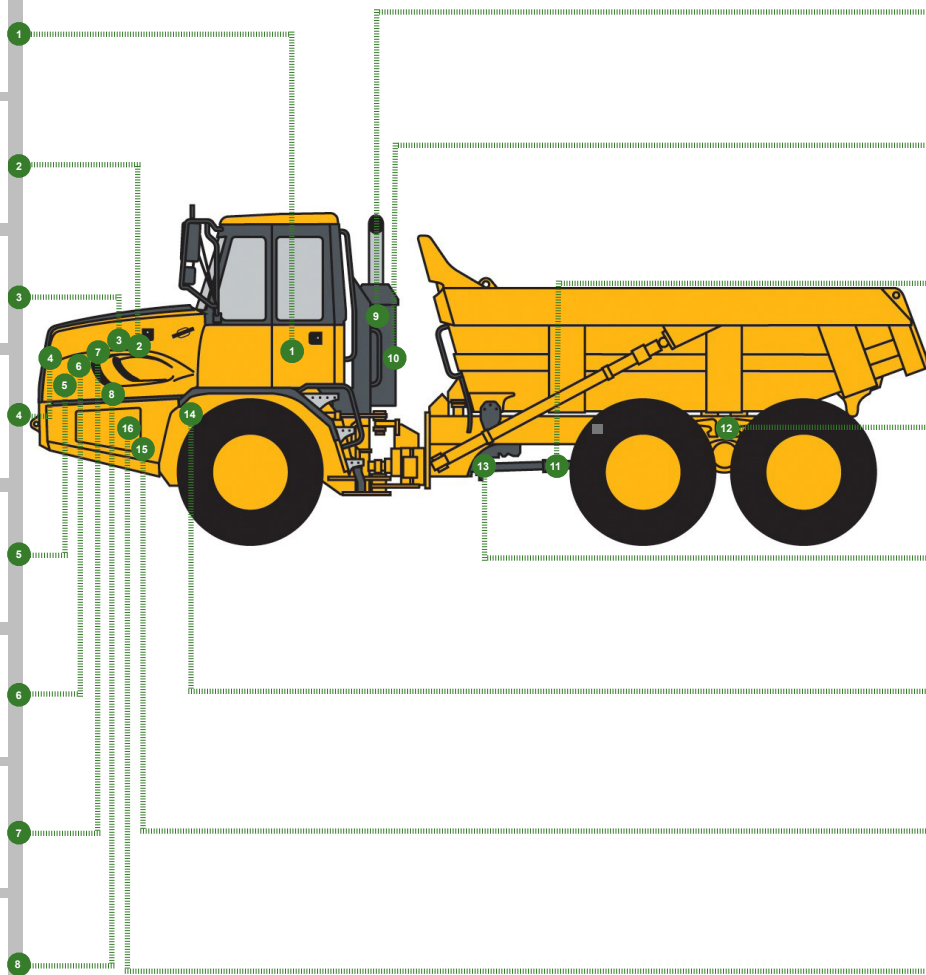
AIR CLEANER ELEMENT PRIMARY
[AT308575](#)
 Interval (hrs) - As Required.

AIR CLEANER SECONDARY ELEMENT
[TT220747](#)
 Interval (hrs) - As Required.

AUXILIARY FUEL FILTER AND WATER SEPARATOR
[AT365869](#)
 Interval (hrs) - 500

Diesel Particulate Filter (component of exhaust filter)
[RE541834](#)
 Interval (hrs) - As Required.

ENGINE OIL FILTER
[DZ118283](#)
 Interval (hrs) - 500.



HYDRAULIC SYSTEM OIL RETURN FILTER
[TT222389](#)
 Interval (hrs) - 2000.

HYDRAULIC RESERVOIR BREATHER
[AT498275](#)
 Interval (hrs) - 1000.

UNIVERSAL JOINT
[TT206765](#)
 Interval (hrs) - 6000.

TRANSMISSION, TRANSFER CASE, AND AXLE BREATHER
[TT223816](#)
 Interval (hrs) - 2000.

UNIVERSAL JOINT
[TT207990](#)
 Interval (hrs) - 6000.

TRANSMISSION OIL FILTER
[TTZF210424](#)
 Interval (hrs) - 2000.

PNEUMATIC BLOCK SILENCER FILTERS
[TT226831](#)
 Interval (hrs) - 4000.

PNEUMATIC SYSTEM DRYER - FILTER
[AT411898](#)
 Interval (hrs) - 2000.

OILS AND PARTS INFORMATION

250D Articulated Dump Truck (Series II)(PIN: 1DW250DX___E642001—)

Part Description	Qty or Capacity	Change Interval In Hours
John Deere PLUS-50™ Engine Oil ²	31.0 L (8.2 gal.)	1000
HY-GARD™ Hydraulic Oil ²	78.8 L (20.8 gal.)	4000
John Deere HD SynTran Transmission Oil ²	26.7 L (7.1 gal.)	2000
API GL-5 Gear Oil ² with Limited Slip Additive	130.5 L (34.5 gal.)	2000
COOL-GARD™ II Pre-Mix Coolant	37.8 L (10.0 gal.)	6000
Coolant Extender	As required	As required
Fluid Analysis Kits ³		
Part Description	Qty or Capacity	Change Interval In Hours
Diesel Engine Oil	1	250
Hydraulic Oil	1	500
Transmission Oil	1	500
Transfer Case Oil	1	500
Axle Oil	3	500
Final Drive Oil	6	500
Diesel Fuel	1	500
Engine Coolant	1	500
COOL-GARD™ II Test Strips	1	1000

¹Perform initial service once after the first 100 hours of operation.

²See Operator's Manual for recommended oil type and oil viscosities based on operating temperatures.

³Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.

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Hy-Gard is a trademark of Deere & Company

Cool-Gard is a trademark of Deere & Company

COOL-GARD is a trademark of Deere & Company



Service Intervals

As Required	
<input type="checkbox"/> Service exhaust filter	<input type="checkbox"/> Inspect serpentine belt
<input type="checkbox"/> Service engine air intake system	<input type="checkbox"/> Inspect tires, check pressure
<input type="checkbox"/> Drain fuel filters	<input type="checkbox"/> Inspect and clean cooling system
<input type="checkbox"/> Clean and inspect transmission, transfer case, and axle breathers	<input type="checkbox"/> Add coolant extender as indicated by Cool-Gard™ II test strips
Every 10 Hours or Daily	
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check transmission
<input type="checkbox"/> Check engine coolant level	<input type="checkbox"/> Check hydraulic oil level
<input type="checkbox"/> Check transfer case oil level	<input type="checkbox"/> Lubricate tailgate pivots—if equipped
<input type="checkbox"/> Lubricate bin (dump body) pivots, cylinder pins, steering cylinder, articulation joints, and oscillation tube through drive shaft bearings	
Initial Service - 100 Hours	
<input type="checkbox"/> Replace primary fuel filter	<input type="checkbox"/> Change axle oil
<input type="checkbox"/> Replace hydraulic system oil return filter	<input type="checkbox"/> Change final drive oil
<input type="checkbox"/> Replace transmission oil filter	<input type="checkbox"/> Change transfer case oil
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Check transmission oil level	<input type="checkbox"/> Change engine oil and replace filter
<input type="checkbox"/> Check park brake pad wear	<input type="checkbox"/> Change engine oil (quick service—if equipped) and replace filter
<input type="checkbox"/> Check dry caliper service brake pad wear	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Check batteries, clean and tighten terminals	<input type="checkbox"/> Take transfer case oil sample
<input type="checkbox"/> Check front axle suspension struts	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Clean and inspect hydraulic reservoir breather	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Replace primary fuel filter	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace secondary fuel filter	<input type="checkbox"/> Take final drive oil sample
<input type="checkbox"/> Replace auxiliary fuel filter and water separator—if equipped	<input type="checkbox"/> Take differential and outboard planetary oil samples
<input type="checkbox"/> Inspect, clean, and replace cab air filter	<input type="checkbox"/> Take drop box oil sample
Every 1000 Hours	
<input type="checkbox"/> Check axle oil levels	<input type="checkbox"/> Check coolant
<input type="checkbox"/> Check final drive oil levels	<input type="checkbox"/> Lubricate drive shaft slip joint
<input type="checkbox"/> Check and adjust (dump body) shock pad	<input type="checkbox"/> Replace hydraulic reservoir breather

Service Intervals

Every 2000 Hours	
<input type="checkbox"/> Change transmission oil	<input type="checkbox"/> Replace transmission oil filter
<input type="checkbox"/> Change transmission oil (quick service—if equipped)	<input type="checkbox"/> Replace hydraulic system oil return filter
<input type="checkbox"/> Change transfer case oil	<input type="checkbox"/> Replace pneumatic system dryer-filter
<input type="checkbox"/> Change axle oil	<input type="checkbox"/> Replace transmission, transfer case, and axle breathers
<input type="checkbox"/> Change final drive oil	<input type="checkbox"/> Inspect and measure oscillation joint bushings
<input type="checkbox"/> Adjust engine valve clearance	
Every 4000 Hours	
<input type="checkbox"/> Change hydraulic oil	<input type="checkbox"/> Replace pneumatic block silencer filter
<input type="checkbox"/> Change hydraulic oil (quick service—if equipped)	
Every 6000 Hours	
<input type="checkbox"/> Replace universal joints	<input type="checkbox"/> Drain, flush, and refill engine cooling system
<input type="checkbox"/> Drain, flush, and refill engine cooling system (quick service—if equipped)	

