







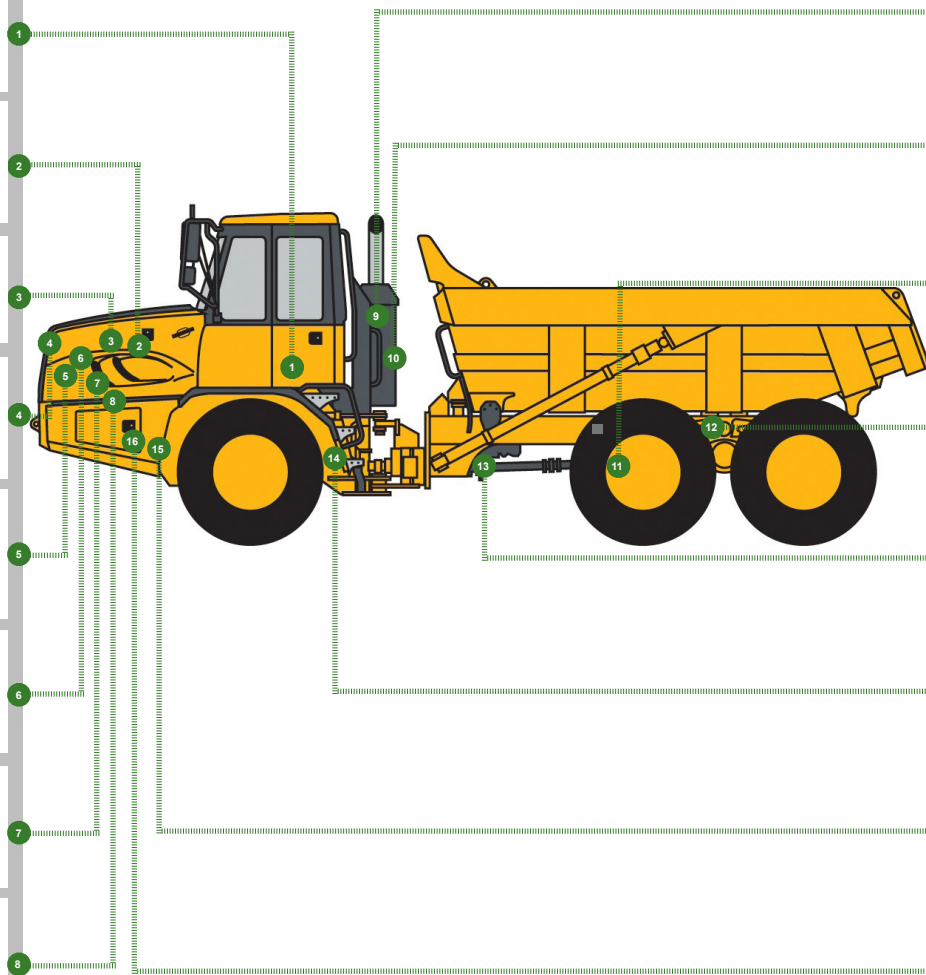










REPLACEMENT PARTS GUIDE

250D Articulated Dump Truck (Series II)(PIN: 1DW250DX___C642001—)



	CAB AIR FILTER TT226019 Interval (hrs) - 500.
	ENGINE CRANKSHAFT DAMPENER RE520465 Interval (hrs) - 4000.
	ENGINE CRANKSHAFT DAMPENER RE57604 Interval (hrs) - 4000.
	AUXILIARY FUEL FILTER AND WATER SEPARATOR AT365869 Interval (hrs) - 500
	AIR CLEANER SECONDARY ELEMENT TT220747 Interval (hrs) - As Required.
	AIR CLEANER PRIMARY ELEMENT AT308575 Interval (hrs) - As Required.
	PRIMARY AND SECONDARY FUEL FILTERS (KIT) RE541746 Interval (hrs) - 500.
	ENGINE OIL FILTER DZ118283 Interval (hrs) - 500.



	HYDRAULIC RESERVOIR BREATHER AT498275 Interval (hrs) - 1000.
	HYDRAULIC SYSTEM OIL RETURN FILTER TT222389 Interval (hrs) - 2000.
	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___C642001—)

Part Description	Qty or Capacity	Change Interval In Hours
John Deere PLUS-50™ Engine Oil ²	31.0 L (8.2 gal.)	500
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 Kits³		
Part Description	Qty or Capacity	Change Interval In Hours
COOL-GARD™ II Test Strips	1	250
Transmission Oil	1	250
Transfer Case Oil	1	500
Axle Oil	1	500
Final Drive Oil	3	500
Diesel Fuel	6	500
Engine Coolant	1	500
Diesel Engine Oil	1	500
Hydraulic Oil	1	1000
<p>¹Perform initial service once after the first 100 hours of operation.</p> <p>²See Operator's Manual for recommended oil type and oil Viscosities based on operating temperatures.</p> <p>³Based on fluid analysis results, intervals may need to be adjusted for your operating conditions. Consult your local John Deere dealer.</p>		

Service Intervals

As Required	
• Service engine air intake system	• Inspect tires, check pressure
• Drain fuel filters	• Inspect serpentine belt
• Clean and inspect transmission, transfer case, and axle breathers	• Inspect and clean cooling system
• Add coolant extender as indicated by COOL-GARD™ II test strips	
Every 10 Hours or Daily	
• Check engine oil level	• Check transmission
• Check engine coolant level	• Check hydraulic oil level
• Check transfer case oil level	• Lubricate tailgate pivots—if equipped
• Lubricate bin (dump body) pivots, cylinder pins, steering cylinder, articulation joints, and oscillation tube through drive shaft bearings	
Initial Service - 100 Hours ¹	
• Replace primary fuel filter	• Change axle oil
• Replace hydraulic system oil return filter	• Change final drive oil
• Replace transmission oil filter	• Change transfer case oil
Every 250 Hours	
• Take engine oil sample	
Every 500 Hours	
• Check transmission oil level	• Change engine oil and replace filter
• Check batteries, clean and tighten terminals	• Change engine oil (quick service—if equipped) and replace filter
• Check front axle suspension struts	• Take diesel fuel sample
• Check park brake pad wear	• Take hydraulic oil sample
• Check dry caliper service brake pad wear	• Take transmission oil sample
• Clean and inspect hydraulic reservoir breather	• Take final drive oil sample
• Inspect, clean, and replace cab air filter	• Take engine coolant sample
• Replace primary fuel filter	• Take differential and outboard planetary oil samples
• Replace secondary fuel filter	• Take transfer case oil sample
• Replace auxiliary fuel filter and water separator	• Take drop box oil sample
Every 1000 Hours	
• Check axle drive oil levels	• Check coolant
• Check final drive oil levels	• Lubricate drive shaft slip joint
• Check and adjust bin (dump body) shock pad	• Replace hydraulic reservoir breather
Every 2000 Hours	
• Change axle oil	• Adjust engine valve clearance
• Change final drive oil	• Replace transmission oil filter
• Change transfer case oil	• Replace hydraulic system oil return filter
• Change transmission oil	• Replace pneumatic system dryer-filter
• Change transmission oil (quick service—if equipped)	• Replace transmission, transfer case, and axle breathers
• Inspect and measure oscillation joint bushings	
Every 4000 Hours	
• Change hydraulic oil	• Replace engine crankshaft dampener
• Change hydraulic oil (quick service—if equipped)	• Replace pneumatic block silencer filter
Every 6000 Hours	
• Replace universal joints	• Drain, flush, and refill engine cooling system
• Drain, flush and refill engine cooling system (quick service—if equipped)	