







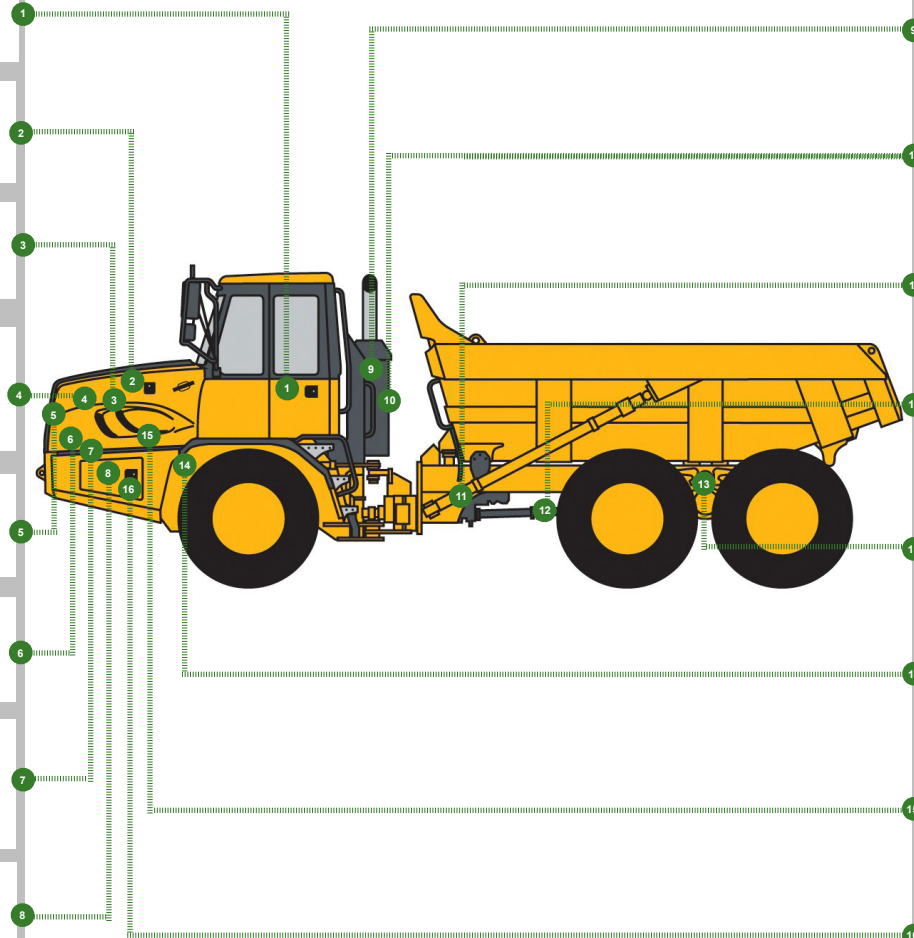










# REPLACEMENT PARTS GUIDE

## 300D Articulated Dump Truck (Series II)(PIN: 1DW300DX\_\_E642001- )



	<b>CAB AIR FILTER</b> <a href="#">TT226019</a> Interval (hrs) - 500.
	<b>PRIMARY FUEL FILTER</b> <a href="#">RE539465</a> Interval (hrs) - 500.
	<b>SECONDARY FUEL FILTER</b> <a href="#">DZ112918</a> Interval (hrs) - 500.
	<b>DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)</b> <a href="#">RE541834</a> Interval (hrs) - As Required.
	<b>AIR CLEANER PRIMARY ELEMENT</b> <a href="#">AT308575</a> Interval (hrs) - As Required.
	<b>AIR CLEANER SECONDARY ELEMENT</b> <a href="#">TT220747</a> Interval (hrs) - As Required.
	<b>AUXILIARY FUEL FILTER AND WATER SEPARATOR—IF EQUIPPED</b> <a href="#">AT365869</a> Interval (hrs) - 500.
	<b>PNEUMATIC SYSTEM DRYER-FILTER</b> <a href="#">AT411898</a> Interval (hrs) - 2000.



	<b>HYDRAULIC SYSTEM OIL RETURN FILTER</b> <a href="#">TT222389</a> Interval (hrs) - 2000.
	<b>HYDRAULIC RESERVOIR BREATHER</b> <a href="#">AT498275</a> Interval (hrs) - 1000.
	<b>UNIVERSAL JOINT</b> <a href="#">TT206765</a> Interval (hrs) - 6000.
	<b>UNIVERSAL JOINT</b> <a href="#">TT207990</a> Interval (hrs) - 6000.
	<b>TRANSMISSION, TRANSFER CASE, AND AXLE BREATHER FILTERS</b> <a href="#">TT223816</a> Interval (hrs) - 2000.
	<b>TRANSMISSION OIL FILTER</b> <a href="#">TTZF210424</a> Interval (hrs) - 2000.
	<b>ENGINE OIL FILTER</b> <a href="#">DZ118283</a> Interval (hrs) - 500.
	<b>PNEUMATIC BLOCK SILENCER FILTERS</b> <a href="#">TT226831</a> Interval (hrs) - 4000.

# OIL AND CAPACITIES INFORMATION

## 300D Articulated Dump Truck (Series II)(PIN: 1DW300DX\_\_E642001- )

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ Engine Oil <sup>2</sup>	31.0 L (8.2 gal.)	1000
Hy-Gard™ Hydraulic Oil <sup>2</sup>	78.8 L (20.8 gal.)	4000
John Deere HD SynTran Transmission Oil <sup>2</sup>	26.7 L (7.1 gal.)	2000
API GL-5 Gear Oil with Limited Slip Additive <sup>2</sup>	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 Test Kits <sup>3</sup>		
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
<sup>2</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures.. <sup>3</sup> Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult authorized John Deere dealer.		

Plus-50 is a trademark of Deere & Company

Hy-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)	