









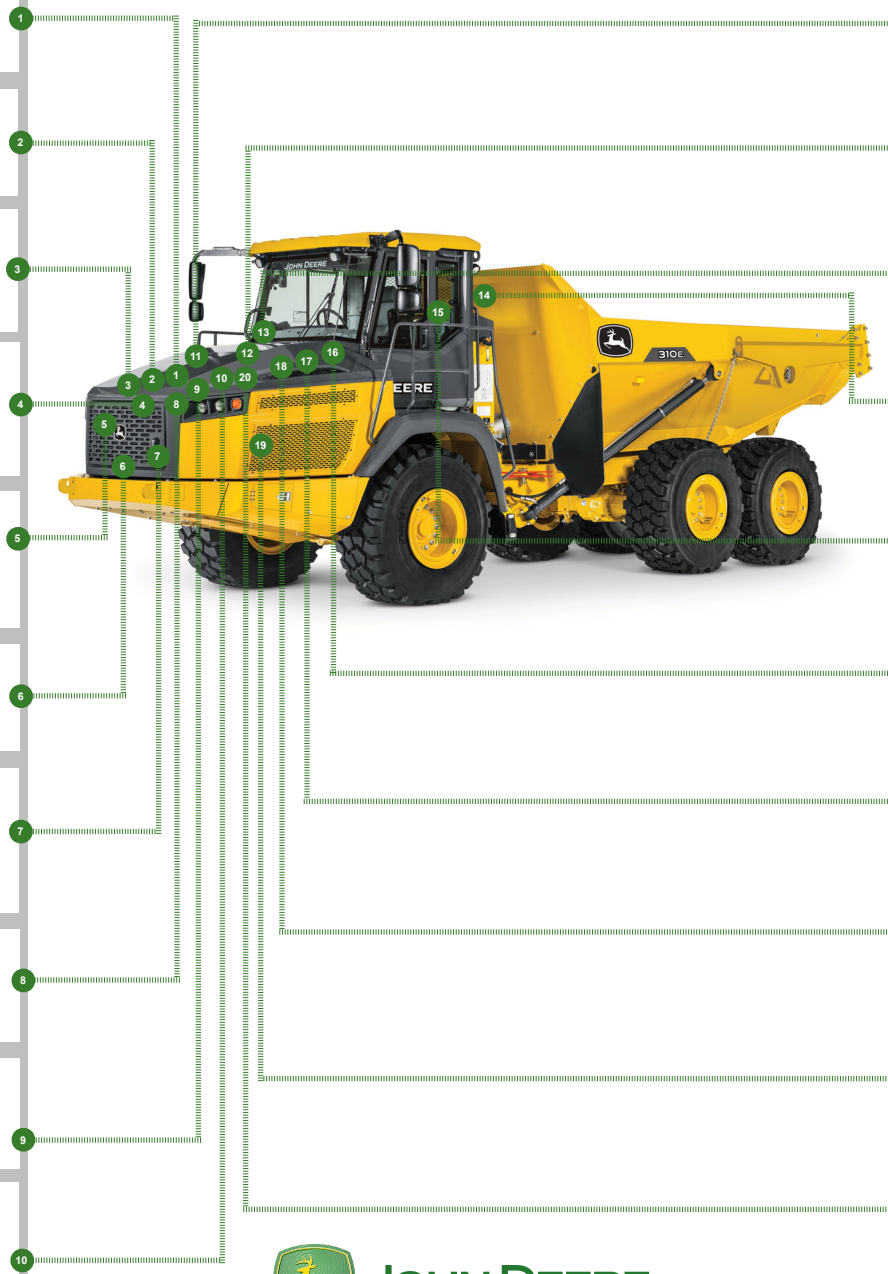












# REPLACEMENT PARTS GUIDE

## 310E Articulated Dump Truck (PIN: 1DW310EX\_\_F677827-708124)



	<b>ENGINE OIL FILTER</b> <a href="#">DZ118283</a> Interval (hrs) - 500.
	<b>CAB FRESH AIR FILTER</b> <a href="#">AT191102</a> Interval (hrs) - As Required.
	<b>HYDRAULIC SYSTEM RETURN FILTER ELEMENT</b> <a href="#">AT335977</a> Interval (hrs) - 4000.
	<b>ENGINE AIR CLEANER ELEMENT-PRIMARY</b> <a href="#">T340571</a> Interval (hrs) - As Required.
	<b>ENGINE AIR CLEANER ELEMENT-SECONDARY</b> <a href="#">T340572</a> Interval (hrs) - As Required.
	<b>FINAL FUEL FILTER ELEMENT</b> <a href="#">DZ112918</a> Interval (hrs) - 500.
	<b>AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)</b> <a href="#">AT365869</a> Interval (hrs) - 500.
	<b>ENGINE ROCKER ARM COVER GASKET</b> <a href="#">R526607</a> Interval (hrs) - 2000.
	<b>FUEL TANK BREATHER</b> <a href="#">H216169</a> Interval (hrs) - 2000.
	<b>DIESEL EXHAUST FLUID (DEF) HEADER SUCTION FILTER AND BAFFLE</b> <a href="#">AT502964</a> Interval (hrs) - 4000.








	<b>PRIMARY FUEL FILTER ELEMENT</b> <a href="#">RE539465</a> Interval (hrs) - 500.
	<b>FAST FILL FUEL TANK BREATHER (IF EQUIPPED)</b> <a href="#">T225008</a> Interval (hrs) - 500.
	<b>HYDRAULIC RESERVOIR BREATHER</b> <a href="#">AM39653</a> Interval (hrs) - 4000.
	<b>AXLE OIL FILTER</b> <a href="#">AT489922</a> Interval (hrs) - 1000.
	<b>CAB RECIRCULATION AIR FILTER</b> <a href="#">AT307501</a> Interval (hrs) - As Required.
	<b>TRANSMISSION OIL FILTER</b> <a href="#">AT468647</a> Interval (hrs) - 2000.
	<b>SERPENTINE BELT</b> <a href="#">T437056</a> Interval (hrs) - As Required.
	<b>DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)</b> <a href="#">RE561836</a> Interval (hrs) - As Required.
	<b>DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER</b> <a href="#">H216169</a> Interval (hrs) - 4000.
	<b>DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER</b> <a href="#">DZ114640</a> Interval (hrs) - 2000.



# OILS AND CAPACITIES INFORMATION

## 310E Articulated Dump Truck (PIN: 1DW310EX\_\_F677827-708124)

Part Description	Part Number	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>2</sup> 	<a href="#">TY26674</a>	34.0 L(9.0 gal)	500
John Deere HD Synthetic Transmission Oil <sup>2</sup> 	<a href="#">TY26391</a>	60.0 L(15.9 gal)	2000
John Deere Hydrau™ Hydraulic Oil <sup>2</sup> 	<a href="#">TY27367</a>	113.5 L(30.0 gal)	4000
<b>John Deere Hy-Gard™ Oil:</b>			
Front Axle <sup>2,4</sup> 	<a href="#">TY6354</a>	37.0 L(9.8 gal)	2000
Middle Axle <sup>2,4</sup> 	<a href="#">TY6354</a>	37.0 L(9.8 gal)	2000
Rear Axle <sup>2,4</sup> 	<a href="#">TY6354</a>	37.0 L(9.8 gal)	2000
John Deere Cool-Gard™ II Pre-Mix 	<a href="#">TY26575</a>	48.0 L(12.7 gal)	6000

# OILS AND CAPACITIES INFORMATION

## 310E Articulated Dump Truck (PIN: 1DW310EX\_\_F677827-708124)

Fluid Analysis Kits <sup>3</sup>			
Engine Oil	<a href="#">AT346594</a>	1	250
Transmission Oil	<a href="#">AT346594</a>	1	500
Hydraulic Oil	<a href="#">AT346594</a>	1	500
Axle Oil	<a href="#">AT346594</a>	3	500
Diesel Fuel	<a href="#">TY27329</a>	1	500
Engine Coolant	<a href="#">TY27787</a>	1	500

<sup>1</sup>Perform initial service once after the first 500 hours of operation.  
<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 an authorized John Deere dealer.  
<sup>4</sup>If equipped with axle cooling, see Drain and Refill Capacities (Section 4-6) for axle oil capacity.

PLUS-50 is a trademark of Deere & Company  
Hydrau is a trademark of Deere & Company  
Hy-Gard is a trademark of Deere & Company  
Cool-Gard is a trademark of Deere & Company

## Service Interval

As Required	
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Check cab air filters
<input type="checkbox"/> Check wheel bolt torque	<input type="checkbox"/> Check rear camera (if equipped)
<input type="checkbox"/> Check service brake disc wear	<input type="checkbox"/> Check windshield washer fluid level
<input type="checkbox"/> Check engine air cleaner elements	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Inspect steering cylinder seals
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Drain primary fuel filter with water separator
<input type="checkbox"/> Drain auxiliary fuel filter with water separator (if equipped)	<input type="checkbox"/> Clean and tighten battery terminals
Every 10 Hours or Daily	
<input type="checkbox"/> Check engine coolant level	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check transmission oil level
Every 50 Hours	
<input type="checkbox"/> Lubricate articulation joint, oscillation joint, and through drive bearing	<input type="checkbox"/> Lubricate greasable steering cylinder pins (if equipped)
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Initial Service—500 Hours	
<input type="checkbox"/> Run transmission clutch calibration	<input type="checkbox"/> Replace axle oil filters (if equipped)
<input type="checkbox"/> Drain and refill axle oil	
Every 500 Hours	
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings
<input type="checkbox"/> Take axle oil sample	<input type="checkbox"/> Drain and refill engine oil and replace filter
<input type="checkbox"/> Take transmission oil sample	<input type="checkbox"/> Replace fuel tank breather (if equipped with fast fill)
<input type="checkbox"/> Take coolant sample	<input type="checkbox"/> Replace primary fuel filter with water separator
<input type="checkbox"/> Take hydraulic oil sample	<input type="checkbox"/> Replace auxiliary fuel filter with water separator (if equipped)
<input type="checkbox"/> Take diesel fuel sample	<input type="checkbox"/> Replace final fuel filter
<input type="checkbox"/> Check park brake pad wear and lubricate linkage	
Every 1000 Hours	
<input type="checkbox"/> Check and adjust dump body shock pads	<input type="checkbox"/> Check coolant condition
<input type="checkbox"/> Check axle oil levels	<input type="checkbox"/> Replace axle oil filters (if equipped)
Every 2000 Hours	
<input type="checkbox"/> Drain and refill axle oil	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Clean and inspect axle breathers	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter
<input type="checkbox"/> Clean axle pump suction screen (if equipped)	<input type="checkbox"/> Check and adjust engine valve lash
<input type="checkbox"/> Drain and refill transmission oil	<input type="checkbox"/> Run transmission clutch calibration
<input type="checkbox"/> Replace transmission oil filters	

## Service Interval

Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic pump case drain in-line screen	<input type="checkbox"/> Replace hydraulic reservoir breather
<input type="checkbox"/> Clean hydraulic fan drive case drain in-line screen	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) baffle
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter
<input type="checkbox"/> Replace hydraulic system return filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter
<input type="checkbox"/> Drain and refill hydraulic system oil	<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	<input type="checkbox"/> Inspect driveline torsional coupler