

REPLACEMENT PARTS GUIDE

310E Articulated Dump Truck (PIN: 1DW310E__F708125-)



FAST FILL FUEL BREATHER (IF EQUIPPED)
T225008
 Interval (hrs) - 500.



DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER
DZ114640
 Interval (hrs) - 2000.



IN-LINE DIESEL EXHAUST FLUID (DEF) FILTER
DZ124403
 Interval (hrs) - 6000.



PRIMARY FUEL FILTER ELEMENT
RE539465
 Interval (hrs) - 500.



ENGINE OIL FILTER²
DZ118283
 Interval (hrs) - 500.



HYDRAULIC SYSTEM RETURN FILTER ELEMENT
AT335977
 Interval (hrs) - 4000.



FINAL FUEL FILTER ELEMENT
DZ112918
 Interval (hrs) - 500.



ENGINE AIR FILTER ELEMENT—SECONDARY
T340572
 Interval (hrs) - 2000.



AUXILIARY FUEL FILTER ELEMENT (IF EQUIPPED)
AT365869
 Interval (hrs) - 500.



ENGINE AIR FILTER ELEMENT—PRIMARY
T340571
 Interval (hrs) - 2000.



HYDRAULIC RESERVOIR BREATHER
AM39653
 Interval (hrs) - 40000



CAB FRESH AIR FILTER
AT191102
 Interval (hrs) - As Required



CAB RECIRCULATING AIR FILTER
AT307501
 Interval (hrs) - As Required



AXLE OIL FILTER²
AT489922
 Interval (hrs) - 1000.



TRANSMISSION OIL FILTER³
AT468647
 Interval (hrs) - 2000.



STEERING CYLINDER SEALS
AT469779
 Interval (hrs) - As Required



DIESEL EXHAUST FLUID (DEF) TANK BREATHER FILTER
H216169
 Interval (hrs) - 6000.



DIESEL PARTICULATE FILTER (DPF) (COMPONENT OF EXHAUST FILTER)
DZ100174
 Interval (hrs) - As Required



ENGINE ROCKER ARM COVER GASKET
R526607
 Interval (hrs) - 2000.



FUEL TANK BREATHER
H216169
 Interval (hrs) - 2000.



CLICK PART NUMBER TO BUY

*See operator's manual for additional details

OILS AND CAPACITIES INFORMATION

310E Articulated Dump Truck (PIN: 1DW310E___F708125-)

Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil ^{2, 5}	34.0 L (9.0 gal)	500	
John Deere Hy-Gard™ Park Brake Oil ^{3, 5}	60.0 L (15.9 gal)	2000	
John Deere Hy-Gard™ Transmission Oil ^{2, 5}	37.0 L (9.8 gal)	2000	
John Deere Hy-Gard™ Front Axle Oil ^{2, 5}	37.0 L (9.8 gal)	2000	
John Deere Hy-Gard™ Rear Axle Oil ^{2, 5}	37.0 L (9.8 gal)	2000	
John Deere Hydrau™ Hydraulic System Oil ⁵	113.5 L (30.0 gal)	4000	
John Deere Cool-Gard™ Pre-Mix	52.0 L (13.7 gal)	6000	
Fluid Analysis Kits ⁴			
Diesel Engine Oil Kit	AT346594	1	500
Transmission Oil Kit	AT346594	1	500
Axle Oil Kit	AT346594	3	500
Hydraulic Oil Kit	AT346594	1	500
Diesel Fuel Kit	TY27329	1	500
Engine Coolant Kit	TY27787	1	500
¹ Perform initial service once after the first 500 hours of operation. ² Interval not to exceed 12 Months. ³ Interval not to exceed 24 Months. ⁴ Interval not to exceed 3 years. ⁵ See operator's manual for recommended oil type and oil viscosities based on operating temperatures. ⁶ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.			

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 Hy-Gard is a trademark of Deere & Company
 Hydrau is a trademark of Deere & Company
 COOL-GARD is a trademark of Deere & Company



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***See operator's manual for additional details**

Service Intervals

Service Intervals—F Engine	
As Required	
<input type="checkbox"/> Clean and tighten battery terminals	<input type="checkbox"/> Check wheel bolt torque
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Check service brake disc wear
<input type="checkbox"/> Check engine air cleaner elements	<input type="checkbox"/> Inspect steering cylinder seals
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Drain primary and final fuel filter with water separator	<input type="checkbox"/> Check cab air filters
<input type="checkbox"/> Drain auxiliary fuel filter with water separator (if equipped)	<input type="checkbox"/> Check rear camera and radar object detection system (RODS) (if equipped)
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Inspect tires and check pressure
Every 10 Hours or Daily	
<input type="checkbox"/> Clean dust unloader valve	<input type="checkbox"/> Inspect steering cylinder seals
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Check engine coolant level	
Every 50 Hours or Weekly	
<input type="checkbox"/> Lubricate articulation joint, oscillation joint, and through-drive bearing	<input type="checkbox"/> Lubricate greaseable steering cylinder pins
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Initial Service - 500 Hours	
<input type="checkbox"/> Replace axle oil filters (if equipped)	<input type="checkbox"/> Run transmission clutch calibration (cab monitor)
<input type="checkbox"/> Drain and refill axle oil ²	
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 diesel fuel sample	<input type="checkbox"/> Replace primary fuel filter with water separator
<input type="checkbox"/> Take axle oil sample	<input type="checkbox"/> Replace auxiliary fuel filter with water separator (if equipped)
<input type="checkbox"/> Take transmission oil sample	<input type="checkbox"/> Replace final fuel filter
<input type="checkbox"/> Take coolant sample	<input type="checkbox"/> Replace fuel tank breather (if equipped) with fast fill
<input type="checkbox"/> Take hydraulic oil sample	<input type="checkbox"/> Check park brake pad wear and lubricate linkage
<input type="checkbox"/> Drain and refill engine oil and replace filter ²	

Service Intervals

Every 1000 Hours	
<input type="checkbox"/> Replace axle oil filters (if equipped) ²	<input type="checkbox"/> Check axle oil levels
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Check and adjust dump body shock pads
Every 2000 Hours	
<input type="checkbox"/> Replace primary air cleaner element	<input type="checkbox"/> Clean axle pump suction screen (if equipped)
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Clean and inspect axle breathers
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter ⁴	<input type="checkbox"/> Drain and refill transmission oil ³
<input type="checkbox"/> Replace fuel tank breather filter	<input type="checkbox"/> Replace transmission oil filters ³
<input type="checkbox"/> Drain and refill axle oil ²	<input type="checkbox"/> Run transmission clutch calibration (cab monitor)
Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Drain and refill hydraulic system oil
<input type="checkbox"/> Replace hydraulic system return filter	<input type="checkbox"/> Replace hydraulic reservoir breather
<input type="checkbox"/> Clean hydraulic pump case drain in-line screen	
Every 6000 Hours	
<input type="checkbox"/> Replace secondary air cleaner element	<input type="checkbox"/> Inspect driveline torsional coupler
<input type="checkbox"/> Replace in-line diesel exhaust fluid (DEF) filter ⁴	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter
<input type="checkbox"/> Drain and refill engine cooling system	