

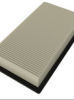





















REPLACEMENT PARTS GUIDE

410E Articulated Dump Truck (PIN: 1DW410E__F668589-708124)



	HYDRAULIC TANK BREATHER AM39653 Interval (hrs) - 4000.
	Hydraulic System Return Filter Element AT335977 Interval (hrs) - 4000.
	CAB RECIRCULATING AIR FILTER AT307501 Interval (hrs) - As Required.
	CAB FRESH AIR FILTER AT191102 Interval (hrs) - As Required.
	TRANSMISSION OIL FILTER AT468647 Interval (hrs) - 2000.
	ENGINE ROCKER ARM COVER GASKET - LOWER R529889 Interval (hrs) - 2000.
	AXLE OIL FILTER AT418095 Interval (hrs) - 500.
	ENGINE ROCKER ARM COVER GASKET - UPPER FRONT R531581 Interval (hrs) - 2000.
	ENGINE ROCKER ARM COVER GASKET - REAR R531582 Interval (hrs) - 2000.
	AUXILIARY FUEL FILTER (IF EQUIPPED) AT365869 Interval (hrs) - 500.
	ENGINE OIL FILTER RE572785 Interval (hrs) - 500.
	ENGINE AIR FILTER ELEMENT - SECONDARY RE230985 Interval (hrs) - As Required.



	PRIMARY FUEL FILTER RE539465 Interval (hrs) - 500.
	FINAL FUEL FILTER ELEMENT DZ112918 Interval (hrs) - 500.
	FAST FILL FUEL BREATHER FILTER (IF EQUIPPED WITH FAST FILL) T225008 Interval (hrs) - 500.
	ENGINE AIR CLEANER ELEMENT— PRIMARY RE261960 Interval (hrs) - As Required.
	Diesel Exhaust Fluid (DEF) Dosing Unit Filter DZ114640 Interval (hrs) - 2000.
	Diesel Exhaust Fluid (DEF) Header Suction Screen and Baffle (S.N. —678200) AT486844 Interval (hrs) - 2000.
	Diesel Exhaust Fluid (DEF) Header Suction Filter and Baffle (S.N. 678201—) AT502964 Interval (hrs) - 2000.
	Diesel Exhaust Fluid (DEF) Tank Breather Filter H216169 Interval (hrs) - 4000.
	Diesel Particulate Filter (component of exhaust filter) RE561844 Interval (hrs) - As Required.
	Serpentine Belt R531353 Interval (hrs) - As Required.
	FUEL TANK BREATHER H216169 Interval (hrs) - 2000.



OIL & CAPACITIES INFORMATION

410E Articulated Dump Truck (PIN: 1DW410E_ _ _F668589-708124)

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil ²	43.0 L (11.4 gal)	500
John Deere HD Synthetic Transmission Fluid ²	60.0 L (15.9 gal)	2000
John Deere Hydrau™ Hydraulic Oil ²	176.0 L (46.5 gal)	4000
John Deere Hy-Gard™ Front Axle Oil ²	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Middle Axle Oil ²	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Rear Axle Oil ²	68.0 L (18.0 gal)	2000
John Deere Cool-Gard™ II Pre-Mix	90.0 L (23.8 gal)	6000
Fluid Analysis Kits ³		
Diesel Engine Oil	1	250
Transmission Oil	1	500
Axle Oil	3	500
Hydraulic Oil	1	500
Diesel Fuel	1	500
Engine Coolant	1	500

¹ Perform initial service once after the first 500 hours of operation.

² See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

³ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer

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 Intervals

As Required	
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Drain primary and auxiliary fuel filters with water separator
<input type="checkbox"/> Check wheel bolt torque	<input type="checkbox"/> Check windshield washer fluid level
<input type="checkbox"/> Check service brake disc wear	<input type="checkbox"/> Check cab air filters
<input type="checkbox"/> Check engine air cleaner elements	<input type="checkbox"/> Check rear camera (if equipped)
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Inspect steering cylinder seals
<input type="checkbox"/> Lubricate engine-to-transmission drive shaft sliding joint (S.N. 678201—)	
Every 10 Hours or Daily	
<input type="checkbox"/> Check 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 greaseable 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 (cab monitor)	<input type="checkbox"/> Replace axle oil filters
Every 500 Hours	
<input type="checkbox"/> Check battery electrolyte level and terminals	<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 axle oil levels
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Replace axle oil filters
Every 2000 Hours	
<input type="checkbox"/> Drain and refill axle oil	<input type="checkbox"/> Replace fuel tank breather
<input type="checkbox"/> Lubricate axle seals	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter
<input type="checkbox"/> Clean and inspect axle breathers	<input type="checkbox"/> Drain and refill transmission oil
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Run transmission clutch calibration (cab monitor)
<input type="checkbox"/> Clean axle pump suction screen	<input type="checkbox"/> Replace transmission oil filters
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction filter and baffle (S.N. 678201—)	<input type="checkbox"/> Clean diesel exhaust fluid (DEF) tank
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) header suction screen and baffle (S.N. —678200)	
Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic pump case drain in-line screen	<input type="checkbox"/> Drain and refill hydraulic system oil
<input type="checkbox"/> Clean hydraulic fan drive case drain in-line screen	<input type="checkbox"/> Replace hydraulic tank breather
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Replace hydraulic system return filter
<input type="checkbox"/> Clean axle pump case drain strainer	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	<input type="checkbox"/> Inspect driveline torsional coupler