











# REPLACEMENT PARTS GUIDE










410E Articulated Dump Truck (PIN: 1DW410E\_\_C668589- 708124)

410E Articulated Dump Truck (PIN: 1DW410E\_\_D668589- 708124)



	<b>HYDRAULIC TANK BREATHER</b> <b>AM39653</b> Interval (hrs) - 4000.
	<b>Hydraulic System Return Filter</b> <b>AT335977</b> Interval (hrs) - 4000.
	<b>CAB RECIRCULATION AIR FILTER</b> <b>AT307501</b> Interval (hrs) - As Required.
	<b>CAB FRESH AIR FILTER</b> <b>AT191102</b> Interval (hrs) - As Required.
	<b>AXLE OIL FILTER</b> <b>AT418095</b> Interval (hrs) - 500.
	<b>TRANSMISSION OIL FILTER</b> <b>AT468647</b> Interval (hrs) - 2000.
	<b>ENGINE ROCKER ARM COVER GASKET (FRONT) (S.N. 679086—)</b> <b>R531581</b> Interval (hrs) - 2000.
	<b>ENGINE ROCKER ARM COVER GASKET (REAR) (S.N. 679086—)</b> <b>R531582</b> Interval (hrs) - 2000.
	<b>ENGINE ROCKER ARM COVER GASKET (S.N.—679085)</b> <b>DZ120103</b> Interval (hrs) - 2000.
	<b>ENGINE AIR FILTER ELEMENT —PRIMARY</b> <b>RE261960</b> Interval (hrs) - As Required.



	<b>Serpentine Belt (S.N.—679085)</b> <b>DZ118781</b> Interval (hrs) - As Required.
	<b>Serpentine Belt (S.N. 679086—)</b> <b>R531353</b> Interval (hrs) - As Required.
	<b>PRIMARY FUEL FILTER</b> <b>RE539465</b> Interval (hrs) - 500.
	<b>FUEL TANK BREATHER (IF EQUIPPED)</b> <b>T225008</b> Interval (hrs) - 500.
	<b>FINAL FUEL FILTER</b> <b>DZ112918</b> Interval (hrs) - 500.
	<b>ENGINE OIL FILTER</b> <b>RE572785</b> Interval (hrs) - 500.
	<b>FUEL TANK BREATHER</b> <b>H216169</b> Interval (hrs) - 2000.
	<b>AUXILIARY FUEL FILTER (IF EQUIPPED)</b> <b>AT365869</b> Interval (hrs) - 500.
	<b>ENGINE AIR FILTER ELEMENT—SECONDARY</b> <b>RE230985</b> Interval (hrs) - As Required.

# OIL & CAPACITIES INFORMATION

410E Articulated Dump Truck (PIN: 1DW410E\_\_C668589- 708124)

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Part Description	Qty or Capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>2</sup>	55.0 L (14.5 gal)	500
John Deere HD Synthetic Transmission Fluid <sup>2</sup>	60.0 L (15.9 gal)	2000
John Deere Hydrau™ Hydraulic Oil <sup>2</sup>	176.0 L (46.5 gal)	4000
John Deere Hy-Gard™ Front Axle Oil <sup>2</sup>	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Middle Axle Oil <sup>2</sup>	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Rear Axle Oil <sup>2</sup>	68.0 L (18.0 gal)	2000
John Deere Cool-Gard™ II Pre-Mix (S.N. —679085)	85.0 L (22.5 gal)	6000
John Deere Cool-Gard™ II Pre-Mix (S.N. 679086— )	90.0 L (23.8 gal)	6000
Fluid Analysis Kits <sup>3</sup>		
Engine Oil	1	250
Transmission Oil	1	500
Axle Oil	3	500
Hydraulic Oil	1	500
Engine Coolant	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. 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"/> Inspect steering cylinder seals
<input type="checkbox"/> Clean cooler cores	<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 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 (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 transmission oil filters
<input type="checkbox"/> Lubricate axle seals	<input type="checkbox"/> Replace fuel tank breather filter
<input type="checkbox"/> Clean and inspect axle breathers	<input type="checkbox"/> Run transmission clutch calibration (cab monitor)
<input type="checkbox"/> Adjust engine valve clearance (lash)	<input type="checkbox"/> Drain and refill transmission oil
<input type="checkbox"/> Clean axle pump suction screen	
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 screen	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill engine cooling system	<input type="checkbox"/> Inspect driveline torsional coupler