

# REPLACEMENT PARTS GUIDE

## 410E II Articulated Dump Truck (PIN: 1DW410E\_ \_ \_ F708125- )



### CAB FRESH AIR FILTER

[AT191102](#)

Interval (hrs) - As Required.



### CAB RECIRCULATING AIR FILTER

[AT307501](#)

Interval (hrs) - As Required.



### HYDRAULIC SYSTEM RETURN FILTER ELEMENT

[AT335977](#)

Interval (hrs) - 4000.



### HYDRAULIC RESERVOIR BREATHER

[AM39653](#)

Interval (hrs) - 4000.



### STEERING CYLINDER SEALS

[AT454030](#)

Interval (hrs) - As Required.



### TRANSMISSION OIL FILTER<sup>3</sup>

[AT468647](#)

Interval (hrs) - 2000.



### PRIMARY FUEL FILTER ELEMENT

[RE539465](#)

Interval (hrs) - 500.



### FINAL FUEL FILTER ELEMENT

[DZ112918](#)

Interval (hrs) - 500.



### FAST FILL FUEL BREATHER (IF EQUIPPED)

[T225008](#)

Interval (hrs) - 500.



### PRIMARY ENGINE AIR FILTER ELEMENT

[RE261960](#)

Interval (hrs) - 2000.



### SECONDARY ENGINE AIR FILTER ELEMENT

[RE230985](#)

Interval (hrs) - 6000.



### IN-LINE DIESEL EXHAUST FLUID (DEF) FILTER<sup>5</sup>

[DZ124403](#)

Interval (hrs) - 6000.



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### ENGINE ROCKER ARM COVER GASKET - UPPER

[R531582](#)  
Interval (hrs) - 2000.



### ENGINE ROCKER ARM COVER GASKET - LOWER

[R529889](#)  
Interval (hrs) - 2000.



### ENGINE ROCKER ARM COVER GASKET - UPPER

[R531581](#)  
Interval (hrs) - 500.



### AXLE OIL FILTER<sup>2</sup>

[AT418095](#)  
Interval (hrs) - 2000.



### AUXILIARY FUEL FILTER WITH WATER SEPARATOR (IF EQUIPPED)

[AT365869](#)  
Interval (hrs) - 500.



### FUEL TANK BREATHER

[H216169](#)  
Interval (hrs) - 2000.



### DIESEL PARTICULATE FILTER (DPF) (COMPONENT OF EXHAUST FILTER)

[DZ100175](#)  
Interval (hrs) - As Required.



### DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER<sup>5</sup>

[DZ114640](#)  
Interval (hrs) - 2000.



### ENGINE OIL FILTER<sup>2</sup>

[RE572785](#)  
Interval (hrs) - 500.



**JOHN DEERE**  
Genuine Parts and Service

CLICK PART NUMBER TO BUY

\*See operator's manual for additional details.

# OILS AND CAPACITIES INFORMATION

## 410E II Articulated Dump Truck (PIN: 1DW410E\_\_ \_F708125- )

Part Description	Qty or capacity	Change Interval In Hours
John Deere Plus-50™ II Engine Oil <sup>2, 6</sup>	43.0 L (11.4 gal)	500
John Deere HD Synthetic Transmission Fluid <sup>3, 6</sup>	60.0 L (15.9 gal)	2000
John Deere Hydrau™ Hydraulic Oil <sup>2, 6</sup>	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Front Axle Oil <sup>2, 6</sup>	62.0 L (16.4 gal)	2000
John Deere Hy-Gard™ Middle Axle Oil <sup>2, 6</sup>	68.0 L (18.0 gal)	2000
John Deere Hy-Gard™ Rear Axle Oil <sup>6</sup>	176.0 L (46.5 gal)	4000
John Deere Cool-Gard™ II Pre-Mix	90.0 L (23.8 gal)	6000
Fluid Analysis Kits <sup>7</sup>		
Diesel Engine Oil Kit	1	250
Transmission Oil Kit	1	500
Axle Oil Kit	3	500
Hydraulic Oil Kit	1	500
Diesel Fuel Kit	1	500
Engine Coolant Kit	1	500
<sup>2</sup> Interval not to exceed 12 months. <sup>3</sup> Interval not to exceed 24 months. <sup>4</sup> Lubricate every 50 hours if operating in deep mud or water. <sup>5</sup> Interval not to exceed 3 years <sup>6</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures. <sup>7</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

Service Intervals—F Engine	
<b>As Required</b>	
<input type="checkbox"/> Clean and tighten battery terminals	<input type="checkbox"/> Clean axle suction screens
<input type="checkbox"/> Drain primary and auxiliary fuel filter with water separators	<input type="checkbox"/> Inspect steering cylinder seals
<input type="checkbox"/> Check engine air cleaner elements	<input type="checkbox"/> Check cab air filters
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Lubricate engine-to-transmission drive shaft sliding joint
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Check service brake disc wear
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Check rear camera (if equipped)
<input type="checkbox"/> Check wheel bolt torque	
<b>Every 10 Hours or Daily</b>	
<input type="checkbox"/> Check engine oil level	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check dust unloader valve	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check engine coolant level	
<b>Every 50 Hours or Weekly</b>	
<input type="checkbox"/> Lubricate articulation joint, oscillation joint, and through-drive bearing	<input type="checkbox"/> Lubricate tailgate pivots (if equipped)
<input type="checkbox"/> Lubricate greaseable steering cylinder pins	<input type="checkbox"/> Lubricate bin pivots
<input type="checkbox"/> Lubricate lift cylinders	<input type="checkbox"/> Inspect automatic lubrication components (if equipped)
<b>Every 250 Hours</b>	
<input type="checkbox"/> Take engine oil sample	
<b>Initial Service - 500 Hours</b>	
<input type="checkbox"/> Replace axle oil filters <sup>2</sup>	<input type="checkbox"/> Run load sense calibration (cab monitor)
<input type="checkbox"/> Rerun transmission clutch calibration (cab monitor)	
<b>Every 500 Hours</b>	
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Refill automatic lubrication grease reservoir (if equipped)
<input type="checkbox"/> Take diesel fuel sample	<input type="checkbox"/> Replace auxiliary fuel filter with water separator (if equipped)
<input type="checkbox"/> Take axle oil sample	<input type="checkbox"/> Replace final fuel filter
<input type="checkbox"/> Take transmission oil sample	<input type="checkbox"/> Drain and refill engine oil and replace filter <sup>2</sup>
<input type="checkbox"/> Take coolant sample	<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings
<input type="checkbox"/> Take hydraulic oil sample	<input type="checkbox"/> Replace fuel tank breather (if equipped) with fast fill
<input type="checkbox"/> Replace primary fuel filter with water separator	<input type="checkbox"/> Check park brake pad wear and lubricate linkage
<b>Every 1000 Hours</b>	
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Check and adjust dump body shock pads
<input type="checkbox"/> Check axle oil levels	

## Service Intervals

Every 2000 Hours	
<input type="checkbox"/> Replace primary air cleaner element	<input type="checkbox"/> Replace transmission oil filters <sup>3</sup>
<input type="checkbox"/> Replace axle oil filters <sup>2</sup>	<input type="checkbox"/> Drain and refill transmission oil <sup>3</sup>
<input type="checkbox"/> Check and adjust engine valve lash	<input type="checkbox"/> Lubricate axle seals <sup>4</sup>
<input type="checkbox"/> Replace fuel tank breather filter	<input type="checkbox"/> Clean and inspect axle breathers
<input type="checkbox"/> Drain and refill axle oil <sup>2</sup>	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter <sup>5</sup>
<input type="checkbox"/> Run transmission clutch calibration (cab monitor)	<input type="checkbox"/> Inspect auto-lube internal pump filter (if equipped)
Every 4000 Hours	
<input type="checkbox"/> Clean hydraulic fan drive case drain in-line screen	<input type="checkbox"/> Drain and refill hydraulic system oil
<input type="checkbox"/> Clean hydraulic system fill strainer	<input type="checkbox"/> Replace hydraulic reservoir breather filter
<input type="checkbox"/> Replace hydraulic system return filter	<input type="checkbox"/> Perform load sense calibration (cab monitor)
<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"/> Replace in-line diesel exhaust (DEF) filter <sup>5</sup>
<input type="checkbox"/> Drain and refill engine cooling system	<input type="checkbox"/> Replace diesel exhaust (DEF) tank breather filter
<input type="checkbox"/> Inspect driveline torsional coupler	