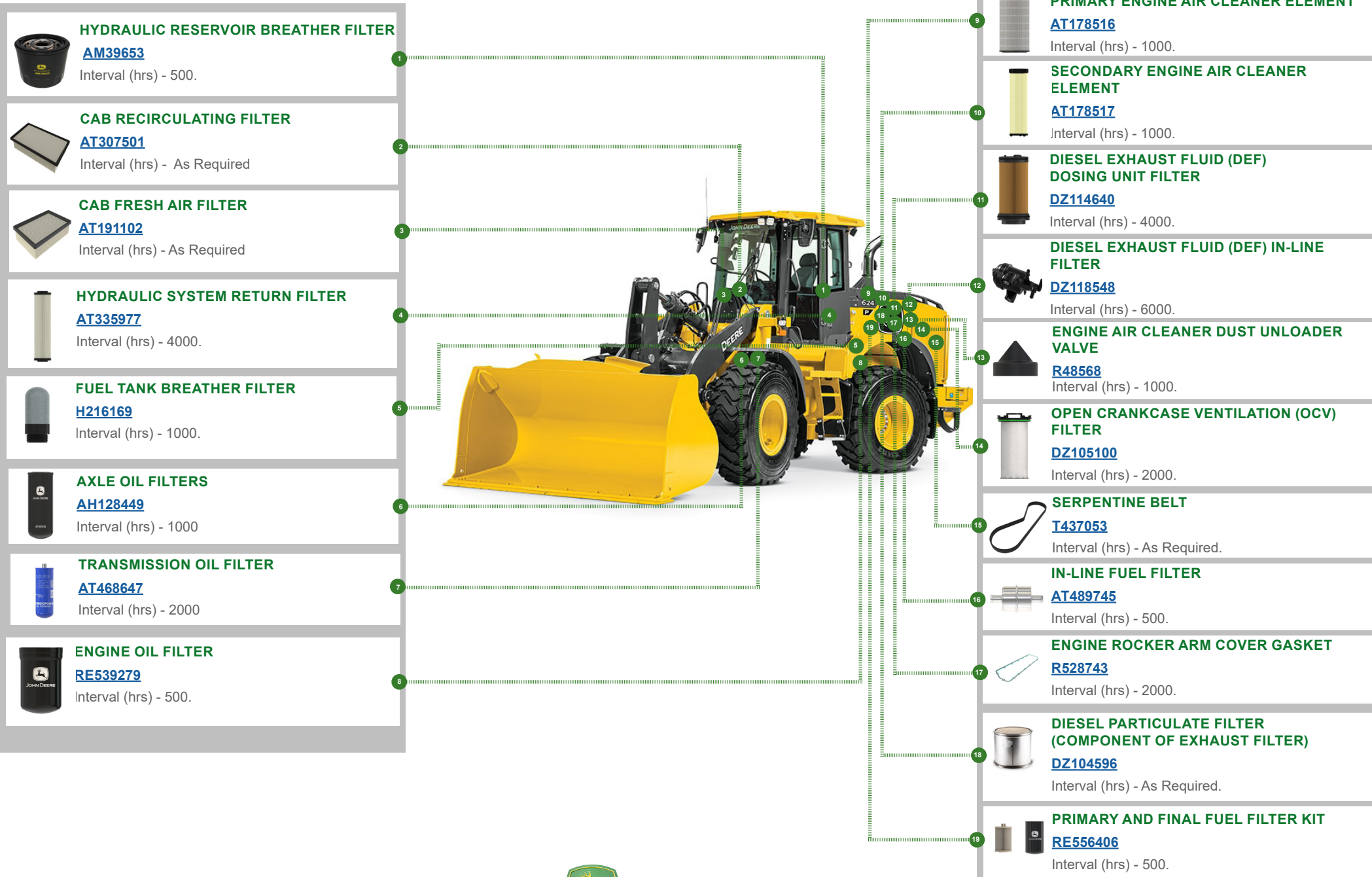


REPLACEMENT PARTS GUIDE

624 P (PIN: 1DW624PA__L_10283—)



OIL AND CAPACITIES INFORMATION

624 P (PIN: 1DW624PA__L_10283—)

Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil ⁶	19.5 L (5.2 gal)	500	
John Deere Hy-Gard™ Front Axle Oil ⁶	22.0 L (5.8 gal)	2000	
John Deere Hy-Gard™ Rear Axle Oil ⁶	17.0 L (4.5 gal)	2000	
John Deere Hy-Gard™ Park Brake Oil ^{4,6}	300 mL (10.1 fl oz)	1000	
John Deere Hy-Gard™ Transmission Oil ⁶	22.0 L (5.8 gal)	2000	
John Deere Hydrau™ Hydraulic System Oil ⁶	102.8 L (27.0 gal)	4000	
John Deere Cool-Gard™ II Pre-Mix	33.8 L (8.9 gal)	6000	
Fluid Analysis Kits ⁷			
Diesel Engine Oil	AT346594	1	250
Transmission Oil	AT346594	1	500
Hydraulic Oil	AT346594	1	500
Park Brake and Axle Oil	AT346594	3	500
Diesel Fuel	TY27329	1	500
Engine Coolant	TY27787	1	500

² Grease daily for deep mud, water, or snow operation.

³ Inspect engine air cleaner element regularly. Replace engine air cleaner element as required if damaged or dirty.

⁴ Reduce drain interval to 500 hours for deep mud, water, or snow operation.

⁵ Interval not to exceed 3 years.

⁶ For recommended oil viscosities based on operating temperatures, see Maintenance—Machine. (Section 3-1.)

⁷ 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

Hy-Gard is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

Cool-Gard II is a trademark of Deere & Company



CLICK PART NUMBER TO BUY

*See operator's manual for additional details

Service Intervals

As Required	
<input type="checkbox"/> Check windshield washer fluid level	<input type="checkbox"/> Service exhaust filter
<input type="checkbox"/> Inspect tires and check pressure	<input type="checkbox"/> Drain, flush, and refill fuel tank
<input type="checkbox"/> Check wheel bolt torque	<input type="checkbox"/> Check cab fresh air filter
<input type="checkbox"/> Inspect engine air cleaner elements	<input type="checkbox"/> Check cab recirculation filter
<input type="checkbox"/> Inspect serpentine belt	<input type="checkbox"/> Check and clean precleaner housing (if equipped)
<input type="checkbox"/> Clean cooler cores	<input type="checkbox"/> Check and clean heating and air conditioning housing
<input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped)	<input type="checkbox"/> Clean hydraulic pump case drain in-line screen
<input type="checkbox"/> Drain water from primary fuel filter with water separator	<input type="checkbox"/> Clean debris from coupler lock cylinder (if equipped)
<input type="checkbox"/> Clean and tighten battery terminals	<input type="checkbox"/> Lubricate cab door hinges
Every 10 Hours or Daily	
<input type="checkbox"/> Clean air cleaner dust unloader valve	<input type="checkbox"/> Check hydraulic system oil level
<input type="checkbox"/> Check coolant level at surge tank	<input type="checkbox"/> Check transmission oil level
<input type="checkbox"/> Check engine oil level	
Every 100 Hours	
<input type="checkbox"/> Lubricate loader linkage and cylinder pivots	<input type="checkbox"/> Lubricate coupler lock pins (if equipped)
Initial Service—250 Hours	
<input type="checkbox"/> Replace axle oil filters	
Every 250 Hours	
<input type="checkbox"/> Take engine oil sample	
Every 500 Hours	
<input type="checkbox"/> Lubricate driveline upper and lower sliding joints ²	<input type="checkbox"/> Check park brake oil level
<input type="checkbox"/> Lubricate front and rear axle shaft seals ²	<input type="checkbox"/> Lubricate front and rear shaft seals on park brake
<input type="checkbox"/> Check hybrid battery electrolyte level (if equipped)	<input type="checkbox"/> Check ride control accumulator (if equipped)
<input type="checkbox"/> Replace hydraulic reservoir breather filter	<input type="checkbox"/> Take transmission oil sample
<input type="checkbox"/> Check front and rear axle oil level	<input type="checkbox"/> Take hydraulic oil sample
<input type="checkbox"/> Check air intake hoses and charge air cooler tube couplings	<input type="checkbox"/> Take park brake oil sample
<input type="checkbox"/> Drain and refill engine oil and replace filter	<input type="checkbox"/> Take diesel fuel sample
<input type="checkbox"/> Replace primary fuel filter	<input type="checkbox"/> Take engine coolant sample
<input type="checkbox"/> Replace final fuel filter	<input type="checkbox"/> Take axle oil sample
<input type="checkbox"/> Replace in-line fuel filter	
Every 1000 Hours	
<input type="checkbox"/> Replace air cleaner dust unloader valve	<input type="checkbox"/> Replace fuel tank breather filter
<input type="checkbox"/> Replace engine air cleaner elements ³	<input type="checkbox"/> Lubricate frame hinge pivots ²
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill park brake oil ⁴
<input type="checkbox"/> Replace axle oil filters	

Service Intervals

Every 2000 Hours	
<input type="checkbox"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Drain and refill transmission oil and replace filter
<input type="checkbox"/> Replace open crankcase ventilation (OCV) filter	<input type="checkbox"/> Rerun transmission clutch calibration
<input type="checkbox"/> Check and adjust engine valve lash	
Every 4000 Hours	
<input type="checkbox"/> Replace diesel exhaust fluid (DEF) tank breather filter	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) dosing unit filter ⁵
<input type="checkbox"/> Drain, flush, and refill hydraulic system oil	<input type="checkbox"/> Replace hydraulic system return filter
<input type="checkbox"/> Clean hydraulic system fill strainer	
Every 5000 Hours	
<input type="checkbox"/> Check driveline damper for cracks	
Every 6000 Hours	
<input type="checkbox"/> Drain and refill cooling system	<input type="checkbox"/> Replace diesel exhaust fluid (DEF) in-line filter ⁵