























REPLACEMENT PARTS GUIDE

524 P (PIN: 1DW524PA__L_18490-)



	CAB RECIRCULATION AIR FILTER ELEMENT AT307501 Interval (hrs) - As required
	CAB FRESH AIR FILTER ELEMENT AT191102 Interval (hrs) - As required
	ENGINE ROCKER ARM COVER GASKET R528743 Interval (hrs) - As required.
	OPEN CRANKCASE VENTILATION (OCV) FILTER DZ105100 Interval (hrs) - 2000
	AXLE OIL FILTERS (IF EQUIPPED) AT367635 Interval (hrs) - 1000
	TRANSMISSION OIL FILTER AT468647 Interval (hrs) - 2000
	PRIMARY FUEL FILTER DZ115391 Interval (hrs) - 500
	FINAL FUEL FILTER DZ115392 Interval (hrs) - 500
	IN-LINE FUEL FILTER AT489745 Interval (hrs) - 500
	FUEL TANK BREATHER FILTER H216169 Interval (hrs) - 4000
	DRIVELINE DAMPER AT308993 Interval (hrs) - As Required



	HYDRAULIC RESERVOIR BREATHER FILTER AM39653 Interval (hrs) - 500
	HYDRAULIC SYSTEM RETURN FILTER AT335977 Interval (hrs) - 4000
	AIR CLEANER DUST UNLOADER VALVE R48568 Interval (hrs) - 1000
	DIESEL EXHAUST FLUID (DEF) IN-LINE FILTER DZ118548 Interval (hrs) - 6000
	DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER) DZ104594 Interval (hrs) - As required
	SERPENTINE BELT T437053 Interval (hrs) - As required
	PRIMARY ENGINE AIR CLEANER ELEMENT AT178516 Interval (hrs) - As required
	SECONDARY ENGINE AIR CLEANER ELEMENT AT178517 Interval (hrs) - As required
	ENGINE OIL FILTER RE539279 Interval (hrs) - 500
	DIESEL EXHAUST FLUID (DEF) DOSING UNIT FILTER DZ114640 Interval (hrs) - 4000
	DEF TANK BREATHER H216169 Interval (hrs) - 4000



OILS AND CAPACITIES INFORMATION

524 P (PIN: 1DW524PA__L_18490-)

Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil ⁵	19.5 L (5.2 gal)	500	
John Deere Hy-Gard™ Front Axle Oil ^{1,5}	17.0 L (4.5 gal)	2000	
John Deere Hy-Gard™ Rear Axle Oil ^{1,5}	17.0 L (4.5 gal)	2000	
John Deere Hy-Gard™ Park Brake Oil ⁵	300 mL (10.1 fl oz)	1000	
John Deere Hy-Gard™ Transmission Oil ⁵	21.5 L (5.7 gal)	2000	
John Deere Hydrau™ Hydraulic System Oil ⁵	83.3 L (22.0 gal)	4000	
John Deere Cool-Gard™ II Pre-Mix	23.5 L (6.2 gal)	6000	
Fluid Analysis Test Kits ⁶			
Part Description	Part Number	Qty or capacity	Change Interval In Hours
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
<p>¹Perform initial service once after the first 250 hours of operation.</p> <p>⁵See operator's manual for recommended oil type and oil viscosities based on operating temperatures.</p> <p>⁶Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.</p>			

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



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"/> Drain and refill front and rear axle oil	<input type="checkbox"/> Replace axle oil filters (if equipped)
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	<input type="checkbox"/> Lubricate frame hinge pivots ²
<input type="checkbox"/> Check coolant condition	<input type="checkbox"/> Drain and refill park brake oil ³
<input type="checkbox"/> Replace axle oil filters (if equipped)	
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

Service Intervals

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 ⁴
<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