






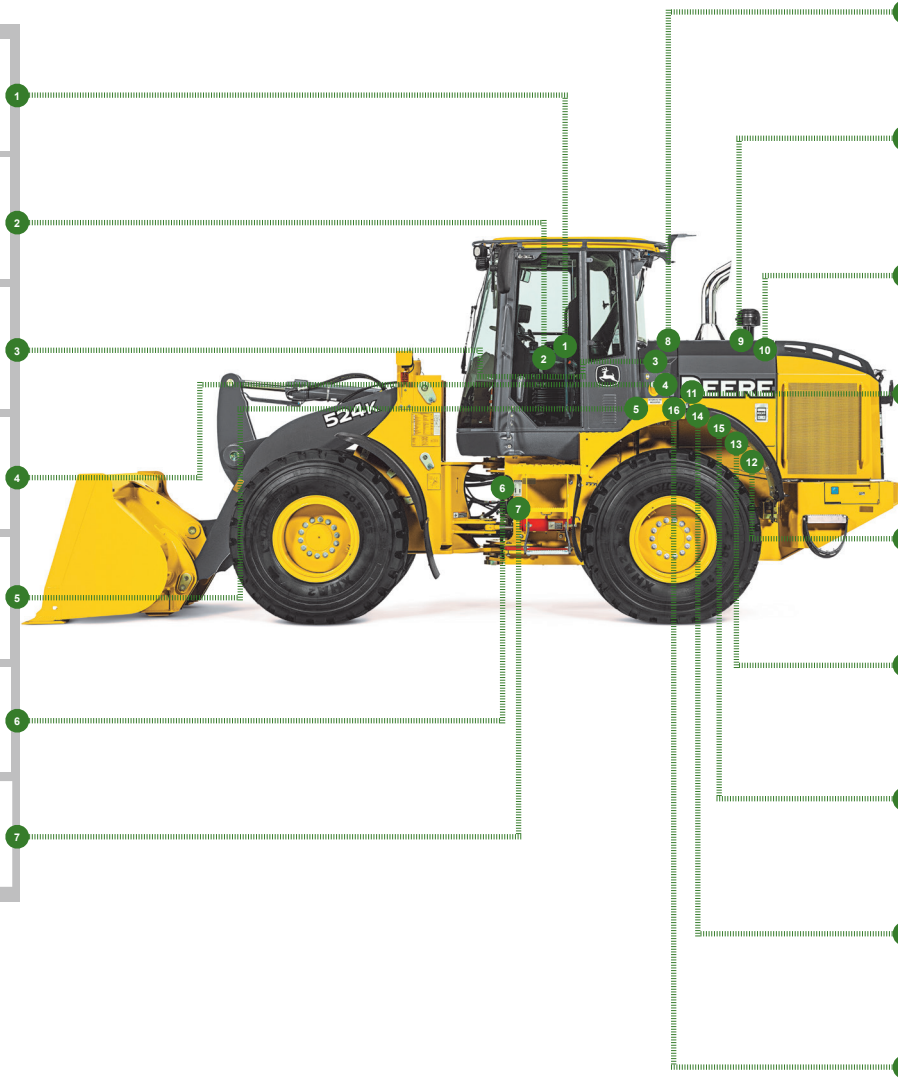











REPLACEMENT PARTS GUIDE

524K (PIN: 1DW524K_ _ _D670308—)



	CAB RECIRCULATING FILTER AT307501 Interval (hrs) - As required
	CAB FRESH AIR FILTER AT191102 Interval (hrs) - As required
	HYDRAULIC SYSTEM RETURN FILTER AT475966 Interval (hrs) - 4000
	ENGINE ROCKER ARM COVER GASKET R524469 Interval (hrs) - 2000
	CRANKSHAFT DAMPER RE505881 Interval (hrs) - 4000
	AXLE OIL FILTERS AT367635 Interval (hrs) - 1000
	TRANSMISSION OIL FILTER AT468647 Interval (hrs) - 2000



	HYDRAULIC RESERVOIR BREATHER FILTER AM39653 Interval (hrs) - 500
	PRIMARY AIR FILTER ELEMENT : ENGINE 6068HDW79, 6068HDW83 AT300487 Interval (hrs) - 1000
	SECONDARY AIR FILTER ELEMENT : ENGINE 6068HDW79, 6068HDW83 AT314583 Interval (hrs) - 1000
	PRIMARY FUEL FILTER RE541922 Interval (hrs) - 500
	IN-LINE FUEL STRAINER AT223493 Interval (hrs) - 500
	ENGINE OIL FILTER RE504836 Interval (hrs) - 500
	AUXILIARY FUEL FILTER—IF EQUIPPED AT365870 Interval (hrs) - 500
	FINAL FUEL FILTER RE522878 Interval (hrs) - 500
	DUST UNLOADER VALVE : ENGINE 6068HDW79, 6068HDW83 M89675 Interval (hrs) - 1000

OILS AND CAPACITIES INFORMATION

524K (PIN: 1DW524K__D670308—)

Part Description	Qty or capacity	Change Interval In Hours	
John Deere Plus-50™ II Engine Oil ³	19.0 L (5.0 gal)	500	
John Deere Hydrau™ Hydraulic Oil ³	92.0 L (24.3 gal.)	4000	
John Deere Hy-Gard™ Oil ³ : Front Axle	17.0 L (4.4 gal.)	2000	
John Deere Hy-Gard™ Oil ³ : Rear Axle	17.0 L (4.4 gal.)	2000	
John Deere Hy-Gard™ Oil ³ : Park Brake	300 mL (10.0 oz.)	1000	
John Deere Hy-Gard™ Oil ³ : Transmission	21.5 L (5.6 gal.)	2000	
John Deere Cool-Gard™ II Pre-Mix	22.5 L (5.9 gal.)	6000	
Part Description	Part Number	Qty or capacity	Change Interval In Hours
Fluid Analysis Test Kits ⁴			
Diesel Engine Oil	AT346594	1	250
Transmission Oil	AT346594	1	500
Axle Oil	AT346594	2	500
Hydraulic Oil	AT346594	1	500
Diesel Fuel	AT180344	1	500
Engine Coolant	TY27787	1	500
³ See operator's manual for recommended oil type and oil viscosities based on operating temperatures.			
⁴ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult 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



CLICK PART NUMBER TO BUY

***See operator's manual for additional details.**

Service Intervals

As Required	
• Inspect tires and check pressure	• Check rear camera and radar object detection (ROD) system—if equipped
• Check wheel bolt torque	• Drain water from auxiliary fuel filter and water separator—if equipped
• Inspect engine air cleaner elements	• Drain water from primary fuel filter with water separator
• Clean cooler cores	• Drain water from final fuel filter
• Inspect air conditioner compressor and alternator belt	• Check and clean or replace cab fresh air filter
• Check windshield washer fluid level	• Check and clean or replace cab recirculating air filter
Every 10 Hours or Daily	
• Clean engine air cleaner dust unloader valve	• Check hydraulic system oil level
• Check coolant level at surge tank	• Check transmission oil level
• Check engine oil level	• Inspect outer pin seals—if equipped
Every 100 Hours	
• Lubricate loader linkage and cylinder pivots	
Initial Service—250 Hours	
• Drain and refill front and rear axle oil	• Replace axle oil filters—if equipped
Every 250 Hours	
• Take engine oil sample	
Every 500 Hours	
• Lubricate driveline upper and lower sliding joints and lower U-joints	• Replace final fuel filter
• Check front and rear axle oil level	• Replace hydraulic reservoir breather filter
• Check battery water level and terminals	• Take diesel fuel sample
• Check air intake hoses and charge air cooler tube couplings	• Take hydraulic oil sample
• Replace in-line fuel strainer	• Take engine coolant sample
• Replace auxiliary fuel filter with water separator—if equipped	• Take axle oil sample
• Drain and refill engine oil and replace filter	• Take transmission oil sample
• Replace primary fuel filter with water separator	• Check park brake oil level
• Check ride control accumulator—if equipped	• Lubricate front and rear park brake shaft seals
• Lubricate front and rear axle shaft seal	
Every 1000 Hours	
• Replace engine air cleaner dust unloader valve	• Replace axle oil filters—if equipped
• Replace engine air cleaner elements	• Lubricate frame hinge pivots
• Check coolant condition	• Drain and refill park brake oil
• Remove and clean engine crankcase vent tube	
Every 2000 Hours	
• Drain and refill front and rear axle oil	• Rerun transmission clutch calibration (cab monitor)
• Drain and refill transmission oil and replace filter ²	• Check and adjust engine valve lash
• Clean front and rear axle oil recirculation screens—if equipped	• Replace outer pin seals—if equipped
Every 4000 Hours	
• Clean hydraulic pump case drain in-line screen	• Drain, flush, and refill hydraulic system oil
• Replace hydraulic system return filter	• Clean hydraulic system fill strainer
• Replace crankshaft damper	
Every 5000 Hours	
• Check driveline damper for cracks	
Every 6000 Hours	
• Drain and refill cooling system	