







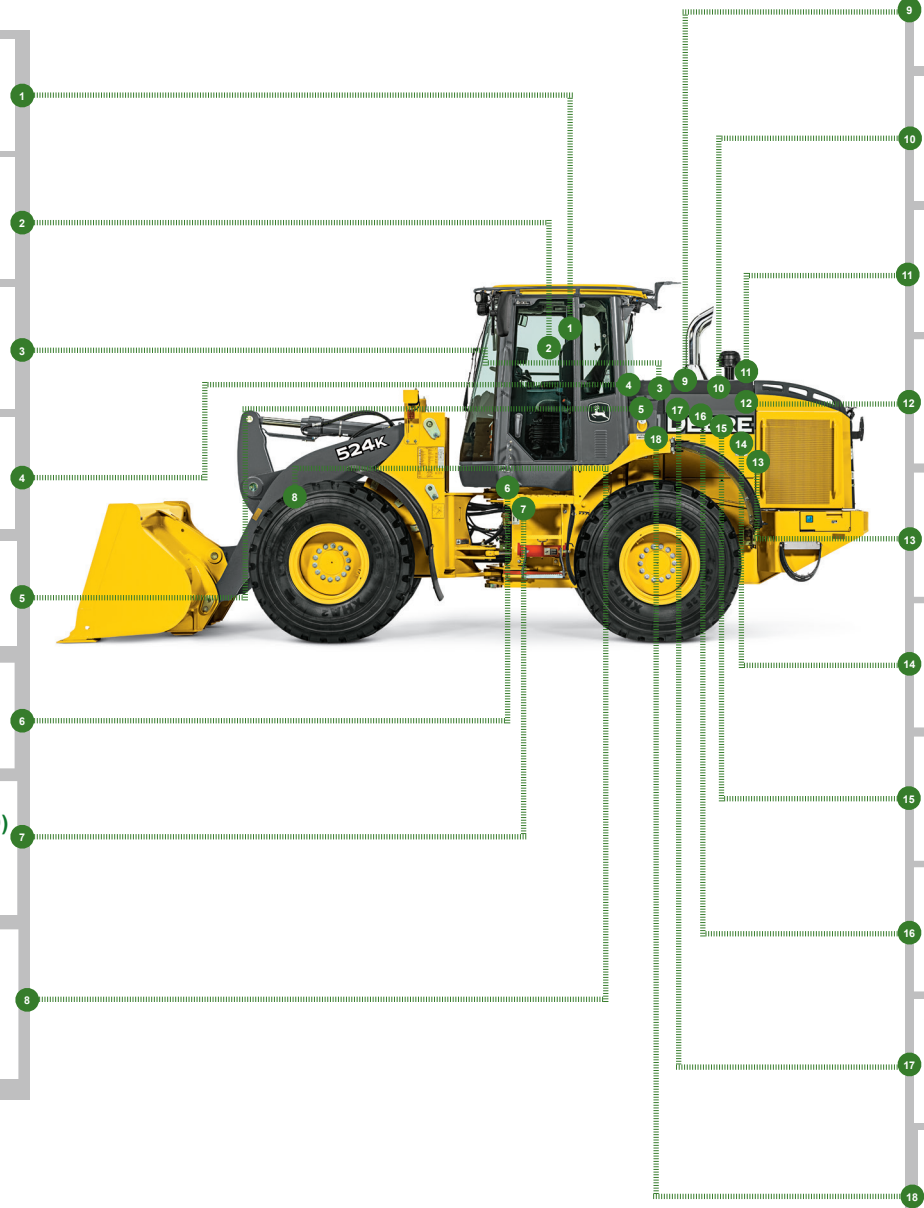












REPLACEMENT PARTS GUIDE

524K (PIN: 1BZ524K_ _ _D000001—)



	CAB RECIRCULATING FILTER AT307501 Interval (hrs) - As required
	CAB FRESH AIR FILTER AT191102 Interval (hrs) - As required
	HYDRAULIC SYSTEM RETURN FILTER AT335977 Interval (hrs) - 4000
	ENGINE ROCKER ARM COVER GASKET R524469 Interval (hrs) - 2000
	AXLE OIL FILTERS AT367635 Interval (hrs) - 1000
	TRANSMISSION OIL FILTER AT468647 Interval (hrs) - 2000
	OUTER PIN SEALS : NEVERGREASE™ STEERING CYLINDER JOINTS (IF EQUIPPED) T277593 Interval (hrs) - As required
	OUTER PIN SEALS : ATTACHMENT TO BUCKET LINK JOINTS AT336321 Interval (hrs) - As required



	HYDRAULIC RESERVOIR BREATHER FILTER AM39653 Interval (hrs) - 500
	ENGINE AIR FILTER ELEMENT—PRIMARY AT300487 Interval (hrs) - 1000
	ENGINE AIR FILTER ELEMENT—SECONDARY AT314583 Interval (hrs) - 1000
	PRIMARY FUEL FILTER RE524723 Interval (hrs) - 500
	CRANKSHAFT DAMPER RE505881 Interval (hrs) - 4000
	ENGINE OIL FILTER RE504836 Interval (hrs) - 500
	AUXILIARY FUEL FILTER—IF EQUIPPED AT433554 Interval (hrs) - 500
	FINAL FUEL FILTER RE522878 Interval (hrs) - 500
	ENGINE AIR CLEANER DUST UNLOADER M89679 Interval (hrs) - 1000
	IN-LINE FUEL STRAINER AT223493 Interval (hrs) - 500



OILS AND CAPACITIES INFORMATION

524K (PIN: 1BZ524K__D000001—)

Part Description	Qty or capacity	Change Interval In Hours
John Deere PLUS-50™ Engine Oil ⁴	19.0 L (5.0 gal)	500
John Deere Torq-Gard™ Hydraulic Oil ⁴	92.0 L (24.3 gal.)	4000
John Deere Hy-Gard™ : Transmission ⁴	18.5 L (4.9 gal.)	2000
John Deere Hy-Gard™ : Park Brake ⁴	0.3 L (10.0 fl oz)	1000
John Deere Hy-Gard™ : Front Axle and Rear Axle (each) ⁴	17.0 L (4.5 gal)	2000
COOL-GARD™ Pre-Mix	23.0 L (6.1 gal.)	6000
Fluid Analysis Test Kits ⁵		
Engine Oil	1	250
Transmission Oil	1	500
Axile Oil	1	500
Hydraulic Oil	1	500
Diesel Fuel	1	500
Engine Coolant	1	500
⁴ See operator's manual for recommended oil type and oil viscosities based on operating temperatures.		
⁵ 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

Service Intervals

As Required	
• Inspect tires and check pressure	• Drain water from primary fuel filter and water separator
• Check wheel bolt torque	• Drain water from final fuel filter
• Inspect engine air cleaner elements	• Drain water from auxiliary fuel filter and water separator (if equipped)
• Inspect air conditioner compressor and alternator belt	• Check and clean or replace cab fresh air filter
• Clean cooler cores	• Check and clean or replace cab recirculating air filter
• Check windshield washer fluid level	• Check coolant
• Check rear camera and radar object detection (ROD) system (if equipped)	
Every 10 Hours or Daily	
• Check air cleaner dust unloader valve	• Check hydraulic oil level
• Check coolant level in surge tank	• Check transmission oil level
• Check engine oil level	• Inspect outer pin seals
Every 100 Hours	
• Lubricate loader linkage and cylinder pivots (unless Nevergrease™ equipped)	
Initial Service—250 Hours	
• Drain and refill front and rear axle oil	• Replace axle oil filters (if equipped)
• Drain and refill engine oil and replace filter	
Every 250 Hours	
• Take engine oil sample	
Every 500 Hours	
• Lubricate driveline upper and lower sliding joints and lower U-joints	• Replace hydraulic reservoir breather filter
• Check front and rear axle oil level	• Check park brake oil level
• Lubricate front and rear axle shaft seals	• Lubricate front and rear shaft seals on park brake
• Check battery water level and terminals	• Check ride control accumulator (if equipped)
• Check air intake hoses and charge air cooler tube couplings	• Take engine coolant sample
• Drain and refill engine oil and replace filter	• Take transmission oil sample
• Replace primary fuel filter	• Take hydraulic oil sample
• Replace final fuel filter	• Take axle oil sample
• Replace auxiliary fuel filter (if equipped)	• Take diesel fuel sample
• Replace in-line fuel strainer	
Every 1000 Hours	
• Clean engine crankcase vent tube	• Drain and refill park brake oil
• Replace air cleaner dust unloader valve	• Replace axle oil filters (if equipped)
• Replace engine air cleaner elements	• Check coolant
• Lubricate frame hinge pivots	
Every 2000 Hours	
• Drain and refill transmission oil and replace filter ²	• Rerun transmission clutch calibration
• Drain and refill front and rear axle oil ³	• Adjust engine valve lash (clearance)
• Clean front and rear axle oil recirculation screens (if equipped)	• Replace outer pin seals
Every 4000 Hours	
• Drain, flush, and refill hydraulic system oil	• Clean hydraulic pump case drain in-line screen
• Clean hydraulic system fill strainer	• Replace crankshaft damper
• Replace hydraulic system return filter	
Every 5000 Hours	
• Inspect driveline damper	
Every 6000 Hours	
• Drain and refill cooling system	