


























REPLACEMENT PARTS GUIDE

948L-II Skidder (PIN: 1DW948L___ C690814—)(PIN: 1DW948L___ D690814—)



| | |
|--|--|
|  | HYDRAULIC BREATHER FILTER AT421408 Interval: 4000hrs |
|  | HYDRAULIC SYSTEM OILFILTER ELEMENNT F061786 Interval: 4000hrs |
|  | CAB RECIRCULATION AIR FILTER AT307501 As Required. |
|  | CAB FRESH AIR FILTER AT191102 As Required. |
|  | AUXILIARY FUEL FILTER AT365869 (9.0 LENGINES ONLY) Interval: 500hrs. |
|  | FINAL FUEL FILTER ELEMENT RE522878 Interval: 500hrs. |
|  | ENGINE CRANKSHAFT DAMPER RE508578 (6.8 LENGINES ONLY) Interval: 4000hrs. |
|  | ENGINE CRANKSHAFT DAMPER RE520465 (9.0 LENGINES ONLY) RE57604 Interval: 4000hrs. |
|  | SECONDARY AIR FILTER AT175224 (6.8 LENGINES ONLY) As Required. |
|  | SECONDARY AIR FILTER AT440747 (9.0LENGINES ONLY) Interval: 1000hrs. |
|  | ENGINE DRIVE SHAFT AT440739 (9.0LENGINES ONLY) Interval: 1000hrs. |
|  | DUST UNLOADER VALVE T158495 As Required |

















| | |
|---|---|
|  | PRIMARY AND FINAL FUEL FILTER ELEMENT KIT RE525523 Interval: 500hrs. |
|  | AXLE OIL FILTER ELEMENTS AT367635 Interval: 1000hrs. |
|  | PRIMARY FUEL FILTER ELEMENT RE541922 (6.8LENGINES ONLY) Interval: 500hrs. |
|  | SECONDARY TRANSMISSION OIL FILTER T436566 (6.8 LENGINES ONLY) Interval: 4000hrs. |
|  | ENGINE OIL FILTER ELEMENT RE504836 (6.8 LENGINES ONLY) Interval: 500hrs. |
|  | ENGINE OIL FILTER ELEMENT AT468647 (9.0 LENGINES ONLY) Interval: 2000hrs |
|  | ENGINE ROCKER ARM COVER GASKET R527884 (9.0 LENGINES ONLY) Interval: 2000hrs. |
|  | PRIMARY ENGINE AIR CLEANER ELEMENT AT308575 As Required. |
|  | SECONDARY ENGINE AIR CLEANER ELEMENT TT220747 As Required. |
|  | PRIMARY AIR FILTER AT223226 (6.8 LENGINES ONLY) As Required. |
|  | ENGINE OIL FILTER ELEMENT DZ101884 (9.0 LENGINES ONLY) Interval: 500hrs. |
|  | AUXILIARY FUEL FILTER AT365870 (6.8LENGINES ONLY) Interval: 500hrs. |
|  | PRIMARY TRANSMISSION OIL FILTER R524497 (6.8 LENGINES ONLY) Interval: 2000hrs |



OILS & CAPACITIES INFORMATION

948L-II Skidder (PIN: 1DW948L__ C690814—)(PIN: 1DW948L__ D690814—)

| Part Description | Part Number | Qty or Capacity | Change Interval In Hours |
|---|-------------------------|--------------------|--------------------------|
| John Deere Plus-50™ II Engine Oil (6.8 L engines only) ³  | TY26669 | 24.0 L (6.3 gal) | 500 |
| John Deere Plus-50™ II Engine Oil (9.0 L engines only) ³  | TY26669 | 28.5 L (7.5 gal) | 500 |
| Front Axle Oil—14003  | TY6354 | 31.0 L (8.2 gal) | 2000 |
| Rear Axle Oil—14003  | TY6354 | 32.0 L (8.5 gal) | 2000 |
| Front Axle Oil—SWEDA ³  | TY6354 | 31.4 L (8.3 gal) | 2000 |
| Rear Axle Oil—SWEDA ³  | TY6354 | 32.4 L (8.6 gal) | 2000 |
| Front Axle Oil—1700 Series ³  | TY6354 | 106.0 L (28.0 gal) | 2000 |
| Rear Axle Oil—1700 Series ³  | TY6354 | 107.0 L (28.3 gal) | 2000 |
| Park Brake Oil ³  | TY6354 | 0.8 L (27.0 floz) | 1000 |
| Transmission Oil ³  | TY6354 | 57.0 L (15.1 gal) | 2000 |
| Hydraulic System Oil ³  | TY27367 | 123.6 L (32.7 gal) | 4000 |
| Winch Oil—4000 Series (if equipped) ³  | TY27367 | 35.2 L (9.3 gal) | 4000 |
| Winch Oil—6000 Series (if equipped) ³  | TY27367 | 45.5 L (12.0 gal) | 4000 |
| John Deere Cool-Gard™II Premix (6.8 L engines only)  | TY26575 | 31.4 L (8.3 gal) | 6000 |
| John Deere Cool-Gard™II Premix (9.0 L engines only)  | TY26575 | 36.7 L (9.7 gal) | 6000 |

OILS & CAPACITIES INFORMATION

948L-II Skidder (PIN: 1DW948L___ C690814—)(PIN: 1DW948L___ D690814—)

| Fluid Analysis Test Kits ⁴ | | | |
|---------------------------------------|--------------------------|-----------------|--------------------------|
| 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 |
| Axle Oil | AT346594 | 2 | 500 |
| Park Brake Oil | AT346594 | 1 | 500 |
| Diesel Fuel | TY27329 | 1 | 500 |
| Winch Gear Case Oil (if equipped) | AR69444 | 1 | 500 |
| Engine Coolant | TY27787 | 1 | 500 |

³See operator's manual for recommended oil type and oil viscosities based on operating temperatures
⁴Based on fluid analysis results, intervals may need to be adjusted for operating conditions. Consult an authorized John Deere dealer.

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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"/> Clean cooler cores | <input type="checkbox"/> Fill and charge pressurized water system (if equipped) |
| <input type="checkbox"/> Inspect accessory drive belt | <input type="checkbox"/> Check fire extinguisher charge |
| <input type="checkbox"/> Replace engine air cleaner elements | <input type="checkbox"/> Lubricate cab door hinges |
| <input type="checkbox"/> Check tire pressure | <input type="checkbox"/> Check cab recirculating air filter |
| <input type="checkbox"/> Check wheel bolt torque | <input type="checkbox"/> Check cab fresh air filter |
| <input type="checkbox"/> Clean fuel tank inlet screen | |
| Every 10 Hours or Daily | |
| <input type="checkbox"/> Check engine coolant level | <input type="checkbox"/> Check and clean engine air intake pre-cleaner dust unloader valve |
| <input type="checkbox"/> Check engine oil level | <input type="checkbox"/> Lubricate articulation points |
| <input type="checkbox"/> Check transmission oil level | <input type="checkbox"/> Lubricate yoke and cross head (grapple skidders only) |
| <input type="checkbox"/> Check hydraulic system oil level | <input type="checkbox"/> Lubricate long linkage and cylinder pivots (grapple skidders only) |
| <input type="checkbox"/> Check and drain primary fuel filter and water separator | <input type="checkbox"/> Lubricate archboom linkage and cylinder pivots (grapple skidders only) |
| <input type="checkbox"/> Check and drain auxiliary fuel filter and water separator | <input type="checkbox"/> Lubricate winch fairlead rollers (cable skidders only) |
| <input type="checkbox"/> Clean engine air intake pre-cleaner screen | |
| Every 100 Hours | |
| <input type="checkbox"/> Lubricate rear axle pinion seal and park brake seals | <input type="checkbox"/> Lubricate blade and cylinder pivots |
| <input type="checkbox"/> Lubricate front axle pivots, pinion seal, and hydraulic steering cylinder pins | <input type="checkbox"/> Lubricate winch fairlead rollers (if equipped, grapple skidders only) |
| Every 250 Hours | |
| <input type="checkbox"/> Take engine oil sample | |
| Initial Service—500 Hours | |
| <input type="checkbox"/> Drain and refill axle oil | <input type="checkbox"/> Replace axle oil filters |
| Every 500 Hours | |
| <input type="checkbox"/> Drain and refill engine oil and replace filter | <input type="checkbox"/> Remove and clean open crankcase ventilation (OCV) hose |
| <input type="checkbox"/> Inspect engine crankshaft damper (5.0 L engines only) | <input type="checkbox"/> Check engine air intake hoses |
| <input type="checkbox"/> Replace primary fuel filter and water separator | <input type="checkbox"/> Take transmission oil sample |
| <input type="checkbox"/> Replace auxiliary fuel filter and water separator | <input type="checkbox"/> Take hydraulic oil sample |
| <input type="checkbox"/> Replace final fuel filter | <input type="checkbox"/> Take axle oil sample |
| <input type="checkbox"/> Check axle oil level | <input type="checkbox"/> Take park brake oil sample |
| <input type="checkbox"/> Check park brake oil level | <input type="checkbox"/> Take engine coolant sample |
| <input type="checkbox"/> Lubricate front, rear, and articulation drive shafts | <input type="checkbox"/> Take diesel fuel sample |
| <input type="checkbox"/> Adjust grapple damper (grapple skidders only) | |



JOHN DEERE
Genuine Parts and Service

CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

Service Intervals

| Initial Service—2000 Hours | |
|--|---|
| <input type="checkbox"/> Replace hydraulic system oil filter | |
| Every 2000 Hours | |
| <input type="checkbox"/> Drain and refill transmission oil and replace primary transmission oil filter | <input type="checkbox"/> Replace fuel tank breather |
| <input type="checkbox"/> Drain and refill axle oil | <input type="checkbox"/> Drain and refill rear bogie axle bogie housing oil |
| <input type="checkbox"/> Check and adjust engine valve lash | <input type="checkbox"/> Drain and refill rear bogie axle final drive oil |
| Every 4000 Hours | |
| <input type="checkbox"/> Drain and refill hydraulic system oil | <input type="checkbox"/> Drain and refill winch oil (if equipped) |
| <input type="checkbox"/> Replace hydraulic system oil filter | <input type="checkbox"/> Replace secondary transmission oil filter |
| <input type="checkbox"/> Replace hydraulic reservoir breather filter | <input type="checkbox"/> Replace engine crankshaft damper |
| Every 6000 Hours | |
| <input type="checkbox"/> Drain and refill engine cooling system | |
| Every 10 000 Hours | |
| <input type="checkbox"/> Replace engine drive shaft | |