

REPLACEMENT PARTS GUIDE

312GR Skid Steer Loader (PIN: 1T0312G__G298752—)



CAB RECIRCULATION AIR FILTER ELEMENT (IF EQUIPPED)

[AT359416](#)

Interval (hrs) - As Required.

CAB FRESH AIR FILTER ELEMENT (IF EQUIPPED)

[AT441536](#)

Interval (hrs) - As Required.

DUST UNLOADER VALVE

[M89679](#)

Interval (hrs) - As Required.

HYDRAULIC OIL RESERVOIR BREATHER

[AT443309](#)

Interval (hrs) - 1000.

HYDRAULIC OIL FILTER ELEMENT

[AT314164](#)

Interval (hrs) - 1000.

FILTER PAK

[AT535119](#) (Include parts (11, 12, 14))

Interval (hrs) - 500.

FILTER PAK

[AT535120](#) (Include parts (4, 5, 8, 9, 10, 11, 12, 14))

Interval (hrs) - 1000.

ENGINE AIR FILTER ELEMENT—PRIMARY

[AT338105](#)

Interval (hrs) - As Required.

ENGINE AIR FILTER ELEMENT - SECONDARY

[AT336803](#)

Interval (hrs) - As Required.

FUEL TANK BREATHER

[H216169](#)

Interval (hrs) - 1000.

ENGINE OIL FILTER ELEMENT

[MIU800650](#)

Interval (hrs) - 500.

PRIMARY FUEL FILTER AND WATER SEPARATOR

[MIU801025](#)

Interval (hrs) - 500.

ENGINE ROCKER ARM COVER GASKET

[MIU800399](#)

Interval (hrs) - 1500.

FINAL FUEL FILTER ELEMENT

[MIU801090](#)

Interval (hrs) - 500.



CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

OILS AND CAPACITIES INFORMATION

312GR Skid Steer Loader (PIN: 1T0312G__G298752—)

| Part Description | Qty or capacity | Change Interval In Hours | |
|--|--------------------------|--------------------------|--------------------------|
| John Deere Plus-50™ II Engine Oil ² | 7.5 L (2.0 gal) | 500 | |
| John Deere Hydrau™ Hydraulic and Hydrostatic System Oil ² | 22.7 L (6.0 gal) | 1000 | |
| John Deere Hydrau™ XR Hydrostatic Motor Brake Cavity Oil ² (per side) | 14.3 L (3.8 gal) | 1000 | |
| John Deere Cool-Gard™ II Pre-Mix | 9.0 L (2.4 gal) | 6000 | |
| Fluid Analysis Kits ³ | | | |
| Part Description | Part Number | Qty or capacity | Change Interval In Hours |
| Diesel Engine Oil | AT346594 | 1 | 250 |
| Hydraulic Oil | TY27329 | 1 | 500 |
| Diesel Fuel | TY27329 | 1 | 500 |
| Engine Coolant | TY27787 | 1 | 500 |
| ² See operator's manual for recommended oil type and oil viscosities based on operating temperatures. ³ 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

Hy-Gard is a trademark of Deere & Company

Hydrau is a trademark of Deere & Company

COOL-GARD is a trademark of Deere & Company



SERVICE INTERVALS

312GR Skid Steer Loader (PIN: 1T0312G___G298752—)

| As Required | |
|---|---|
| <input type="checkbox"/> Check and clean cooling package | <input type="checkbox"/> Check fuel tank breather |
| <input type="checkbox"/> Check tire pressure | <input type="checkbox"/> Replace primary and secondary engine air filter elements |
| <input type="checkbox"/> Check wheel lug nut torque | <input type="checkbox"/> Check and drain primary fuel filter and water separator |
| <input type="checkbox"/> Replace cab fresh air filter element (if equipped) | <input type="checkbox"/> Check accessory drive belt |
| <input type="checkbox"/> Replace cab recirculation air filter element (if equipped) | <input type="checkbox"/> Lubricate steering centering mechanism (if equipped) |
| Every 10 Hours or Daily | |
| <input type="checkbox"/> Check engine oil level | <input type="checkbox"/> Check hydraulic system oil level |
| <input type="checkbox"/> Check coolant level | <input type="checkbox"/> Lubricate boom linkage, cylinder, and Quik-Tatch™ pivot points |
| Every 50 Hours | |
| <input type="checkbox"/> Check and clean dust unloader valve | <input type="checkbox"/> Lubricate Quik-Tatch™ engagement pins |
| Every 250 Hours | |
| <input type="checkbox"/> Take engine oil sample | |
| Every 500 Hours | |
| <input type="checkbox"/> Drain and refill engine oil and replace filter | <input type="checkbox"/> Lubricate foot pedals (if equipped) |
| <input type="checkbox"/> Replace primary fuel filter and water separator | <input type="checkbox"/> Lubricate steering linkage (if equipped) |
| <input type="checkbox"/> Replace final fuel filter | <input type="checkbox"/> Take engine coolant sample |
| <input type="checkbox"/> Drain water and sediment from fuel tank | <input type="checkbox"/> Take hydraulic oil sample |
| <input type="checkbox"/> Check chain case oil level | <input type="checkbox"/> Take diesel fuel sample |
| Every 1000 Hours | |
| <input type="checkbox"/> Drain and refill hydraulic oil and replace filter | <input type="checkbox"/> Check coolant condition |
| <input type="checkbox"/> Replace hydraulic oil reservoir breather | <input type="checkbox"/> Drain and refill chain case oil |
| <input type="checkbox"/> Replace fuel tank breather | |
| Every 1500 Hours | |
| <input type="checkbox"/> Check and adjust engine valve lash | |
| Every 6000 Hours | |
| <input type="checkbox"/> Drain, flush, and refill cooling system | |

