

# REPLACEMENT PARTS GUIDE

## 324L Compact Loader (PIN: 1LU324L\_ \_ \_B047716— )



### AIR CLEANER DUST UNLOADER VALVE

[AM108172](#)

Interval (hrs) - 1000.



### CAB RECIRCULATION AIR FILTER

[LW12202965](#)

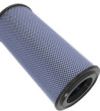
Interval (hrs) - 1000.



### HYDRAULIC OIL CAP BREATHER ELEMENT

[AT334649](#)

Interval (hrs) - 1000.



### PRIMARY AIR CLEANER ELEMENT

[KV16429](#)

Interval (hrs) - 1000.



### SECONDARY AIR CLEANER ELEMENT

[AT171854](#)

Interval (hrs) -1000.



### ENGINE ROCKER ARM COVER GASKET

[MIU803967](#)

Interval (hrs) - 2000.



### ENGINE OIL FILTER

[MIU800650](#)

Interval (hrs) - 500.



### PRIMARY FUEL FILTER

[MIU802421](#)

Interval (hrs) - 500.



### FINAL FUEL FILTER

[MIU805005](#)

Interval (hrs) - 500.



### DIESEL PARTICULATE FILTER (COMPONENT OF EXHAUST FILTER)

[MIU804752](#)

Interval (hrs) - 500.



### HYDRAULIC OIL RETURN SUCTION FILTER

[LW12210161](#)

Interval (hrs) - 500.



**JOHN DEERE**  
Genuine Parts and Service

CLICK PART NUMBER TO BUY

\*See operator's manual for additional details.

# OIL & CAPACITIES INFORMATION

## 324L Compact Loader (PIN: 1LU324L\_\_ \_B047716— )

| Part Description                                                                                                                                                                                                                                                       | Qty or capacity   | Change Interval In Hours |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------------|
| John Deere Plus-50™ II Engine Oil <sup>1</sup>                                                                                                                                                                                                                         | 10.0 L (2.7 gal)  | 500                      |
| API GL-5 Axle Differential, Transmission, and Final Drive Oil <sup>1</sup> (324L)                                                                                                                                                                                      | 14.8 L (3.9 gal)  | 1000                     |
| John Deere Hydrau™ Hydraulic Oil <sup>1</sup>                                                                                                                                                                                                                          | 66.0 L (17.4 gal) | 2000                     |
| "John Deere Cool-Gard™ II Premix"                                                                                                                                                                                                                                      | 12.1 L (3.2 gal)  | 6000                     |
| Fluid Analysis Test Kits <sup>2</sup>                                                                                                                                                                                                                                  |                   |                          |
| Engine Oil                                                                                                                                                                                                                                                             | 1                 | 250                      |
| Hydraulic Oil                                                                                                                                                                                                                                                          | 1                 | 500                      |
| Axle Differential Oil                                                                                                                                                                                                                                                  | 2                 | 500                      |
| Transmission Oil                                                                                                                                                                                                                                                       | 1                 | 500                      |
| Final Drive Oil                                                                                                                                                                                                                                                        | 4                 | 500                      |
| Diesel Fuel                                                                                                                                                                                                                                                            | 1                 | 500                      |
| Engine Coolant                                                                                                                                                                                                                                                         | 1                 | 1000                     |
| <sup>1</sup> See operator's manual for recommended oil type and oil viscosities based on operating temperatures.<br><sup>2</sup> 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*

*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"/> Inspect tires and check tire pressure                   |
| <input type="checkbox"/> Lubricate hinges, latches, and frame articulation stops | <input type="checkbox"/> Service exhaust filter                                  |
| <input type="checkbox"/> Check wheel nut torque                                  | <input type="checkbox"/> Replace air cleaner elements                            |
| Every 10 Hours or Daily                                                          |                                                                                  |
| <input type="checkbox"/> Check engine oil level                                  | <input type="checkbox"/> Lubricate quick disconnect pins and bushings            |
| <input type="checkbox"/> Check engine coolant level                              | <input type="checkbox"/> Check and drain primary fuel filter and water separator |
| <input type="checkbox"/> Check hydraulic oil level                               |                                                                                  |
| Every 50 Hours                                                                   |                                                                                  |
| <input type="checkbox"/> Clean air cleaner dust unloader valve                   | <input type="checkbox"/> Lubricate steering cylinder                             |
| <input type="checkbox"/> Lubricate loader linkage and cylinder pivots            | <input type="checkbox"/> Lubricate frame hinge pivots and rear axle kingpins     |
| <input type="checkbox"/> Check service (drum) brake oil level                    |                                                                                  |
| Every 100 Hours                                                                  |                                                                                  |
| <input type="checkbox"/> Check and adjust accessory drive belt                   |                                                                                  |
| Every 250 Hours                                                                  |                                                                                  |
| <input type="checkbox"/> Take engine oil sample                                  |                                                                                  |
| Every 500 Hours                                                                  |                                                                                  |
| <input type="checkbox"/> Check final drive oil level                             | <input type="checkbox"/> Drain fuel tank sediment                                |
| <input type="checkbox"/> Check axle differential and transmission oil levels     | <input type="checkbox"/> Drain water and sediment from hydraulic tank            |
| <input type="checkbox"/> Check battery electrolyte level and terminals           | <input type="checkbox"/> Take hydraulic oil sample                               |
| <input type="checkbox"/> Drain and refill engine oil and replace filter          | <input type="checkbox"/> Take axle differential oil sample                       |
| <input type="checkbox"/> Replace primary fuel filter and water separator         | <input type="checkbox"/> Take final drive oil sample                             |
| <input type="checkbox"/> Replace final fuel filter                               | <input type="checkbox"/> Take diesel fuel sample                                 |
| <input type="checkbox"/> Check and clean cooling package                         | <input type="checkbox"/> Take engine coolant sample                              |
| <input type="checkbox"/> Check air intake hoses                                  | <input type="checkbox"/> Take transmission oil sample                            |
| Every 1000 Hours                                                                 |                                                                                  |
| <input type="checkbox"/> Check service (drum) brake pads                         | <input type="checkbox"/> Replace hydraulic system return filter                  |
| <input type="checkbox"/> Drain and refill final drive oil                        | <input type="checkbox"/> Replace air cleaner dust unloader valve                 |
| <input type="checkbox"/> Drain and refill axle differential and transmission oil | <input type="checkbox"/> Replace cab recirculation air filter                    |
| <input type="checkbox"/> Clean engine crankcase vent                             | <input type="checkbox"/> Check coolant condition                                 |
| Every 1500 Hours                                                                 |                                                                                  |
| <input type="checkbox"/> Check and adjust engine valve lash                      |                                                                                  |
| Every 2000 Hours                                                                 |                                                                                  |
| <input type="checkbox"/> Check axle mounting cap screw torque                    | <input type="checkbox"/> Clean hydraulic system strainer                         |
| <input type="checkbox"/> Drain and refill hydraulic oil                          | <input type="checkbox"/> Replace hydraulic oil cap breather                      |
| <input type="checkbox"/> Check service brake discs                               |                                                                                  |
| Every 6000 Hours                                                                 |                                                                                  |
| <input type="checkbox"/> Drain and refill cooling system                         |                                                                                  |