

REPLACEMENT PARTS GUIDE

744K 4WD Loader (PIN: 1DW744K__D632968—) / (PIN: 1DW744K__C633763—)



AIR FILTER ELEMENT SECONDARY
[AT175224](#)

Interval (hrs) - 1000.



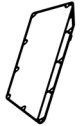
**HYDRAULIC RESERVOIR
BREATHER FILTER** [AM39653](#)

Interval (hrs) - 500.



**ROCKER ARM COVER GASKET
(USE WITH RE529972)** [R518263](#)

Interval (hrs) - 2000.



**ROCKER ARM COVER GASKET
(USE WITH RE536705)** [R527884](#)

Interval (hrs) - 2000.



AIR FILTER ELEMENT PRIMARY
[AT223226](#)

Interval (hrs) - 1000.



AIR CLEANER DUST UNLOADER VALVE
[T158495](#)

Interval (hrs) - 1000.



IN-LINE FUEL STRAINER
[AT223493](#)

Interval (hrs) - 500.



**AUXILIARY FUEL FILTER AND WATER
SEPARATOR (IF EQUIPPED)** - [AT365869](#)

Interval (hrs) - 500.



PRIMARY FUEL FILTER ELEMENT
[RE525523](#)

Interval (hrs) - 500.



OIL FILTER
[RE521420](#)

Interval (hrs) - 250

1

2

3

4

5

6

7

8

9

10



21



TRANSMISSION OIL FILTERS
[AT336140](#)

Interval (hrs) - 2000.

20



**FAST FILL FUEL BREATHER FILTER
(IF EQUIPPED)** - [T225008](#)

Interval (hrs) - 500.

19



CRANKSHAFT DAMPER
[RE520465](#)

Interval (hrs) - 4000.

18



AXLE OIL FILTER
[AT333901](#)

Interval (hrs) - 1000.

17



**OUTER PIN SEALS
NEVERGREASE™ LINKAGE
ALL OTHER LINKAGE CONFIGURATIONS
BOOM TO ATTACHMENT JOINT
BOOM TO BUCKET JOINT** [AT341092](#)

16



BUCKET TO BUCKET JOINT
BUCKET LINK TO BELLCRANK JOINT
(S.N. - 642080) - [AT330664](#)

15



(S.N. 642081 -) - [AT410593](#)

14



BELLCRANK TO BOOM JOINT
(S.N. 642081 -) - [AT410592](#)

13



STEERING CYLINDER JOINT (S.N. 632198 -)
[T276674](#)
Interval (hrs) - As Required.

12



FRESH AIR FILTER ELEMENT
[AT191102](#)
RECIRCULATION AIR FILTER ELEMENT
[AT307501](#)

Interval (hrs) - As Required.

11



**HYDRAULIC SYSTEM RETURN
FILTERS**
[AT335977](#)

Interval (hrs) - 4000.



JOHN DEERE
Genuine Parts and Service






CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

Feb.2022. Release Date.

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| Part Description | Part Number | Qty or capacity | Change Interval In Hours |
|--|--------------------------|---|--------------------------|
| John Deere Plus-50™ II Engine Oil ⁵  | TY26674 | 34.0 L (9.0 gal) | 500 |
| John Deere Hydrau™ Hydraulic Oil ⁵  | TY27367 | 159.0 L (42.0 gal.) | 4000 |
| COOL-GARD™ II Pre-Mix  | TY26575 | 45.0 L (12.0 gal.) | 6000 |
| Coolant Extender  | TY26603 | As Required | As Required |
| John Deere Hy-Gard™ Transmission, Park Brake, and Axle Oil ⁵  | TY6354 | Initial Capacity 92.0 L (24.3 gal) 0.71 L (24.0 oz) 120.7 L (31.9 gal) | 1000 |
| Fluid Analysis Kits ⁶ | | | |
| 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 | TY26873 | 1 | 500 |
| COOL-GARD™ II Test Strips | TY26605 | 1 | As Required |

⁵ See operator's manual for recommended oil type and oil viscosities based on operating temperatures

⁶ Based on fluid analysis results, intervals may need to be adjusted for operating conditions. See an authorized John Deere dealer.

Service Intervals

| 744K 4WD Loader (PIN: 1DW744K__D632968—) | |
|---|--|
| 744K 4WD Loader (PIN: 1DW744K__C633763—) | |
| As Required | |
| • Inspect tires and check pressure | • Check windshield washer fluid level |
| • Check wheel bolt/nut torque | • Drain water from primary fuel filter |
| • Inspect engine air cleaner elements | • Drain water from final fuel filter |
| • Inspect air conditioner compressor and alternator belt | • Drain water from auxiliary fuel filter and water separator (if equipped) |
| • Clean cooler cores | • Check and clean or replace cab fresh air filter |
| • Replace fast fill fuel breather filter (if equipped) ¹ | • Check and clean or replace cab recirculating air filter |
| • Add coolant extender as indicated by COOL-GARD™ II test strips | • Check rear camera and radar object detection (ROD) system (if equipped) |
| Every 10 Hours or Daily | |
| • Clean air cleaner dust unloader valve | • Check hydraulic system 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 ² | |
| • Drain and refill front and rear axle oil | • Replace axle oil filters |
| • Drain and refill engine oil and replace filter | |
| Every 250 Hours | |
| • Take engine oil sample | |
| Every 500 Hours | |
| • Check battery water level and terminals | • Replace hydraulic reservoir breather filter |
| • Check front and rear axle oil level | • Lubricate front and rear shaft seals on park brake |
| • Check air intake hoses and charge air cooler tube couplings | • Check park brake oil level |
| • Drain and refill engine oil and replace filter | • Lubricate driveline upper and lower sliding joints and lower U-joints |
| • Replace fast fill fuel breather filter (if equipped) ¹ | • Take transmission oil sample |
| • Replace primary fuel filter | • Take hydraulic oil sample |
| • Replace final fuel filter | • Take axle oil sample |
| • Replace auxiliary fuel filter and water separator (if equipped) | • Take diesel fuel sample |
| • Replace in-line fuel strainer | • Take engine coolant sample |
| • Check ride control accumulator (if equipped) | |
| Every 1000 Hours | |
| • Replace air cleaner dust unloader valve | • Replace axle oil filters |
| • Replace engine air cleaner elements | • Clean hydraulic fan drive case drain in-line screens |
| • Clean engine crankcase vent tube | • Lubricate frame hinge pivots |
| • Check coolant | • Drain and refill park brake oil |
| Every 2000 Hours | |
| • Drain and refill front and rear axle oil ³ | • Rerun transmission clutch calibration |
| • Check and adjust engine valve lash | • Clean front and rear axle oil recirculation screens (if equipped) |
| • Drain and refill transmission oil and replace filters ⁴ | • Replace outer pin seals |
| Every 4000 Hours | |
| • Replace crankshaft damper | • Replace hydraulic system return filters |
| • Clean hydraulic pump case drain in-line screens | • Drain, flush, and refill hydraulic system oil |
| • Clean hydraulic system fill strainer | |
| Every 5000 Hours | |
| • Inspect driveline damper | |
| Every 6000 Hours | |
| • Drain and refill cooling system | |