

REPLACEMENT PARTS GUIDE

844K (S.N. —642007) Engines 6135HDW03 and 6135HDW01



HYDRAULIC SYSTEM RETURN FILTERS

[AT335977](#)
Interval (hrs) - 4000.



HYDRAULIC RESERVOIR BREATHER

FILTER - [AM39653](#)
Interval (hrs) - 500.



ENGINE OIL FILTER

[RE530107](#)
Interval (hrs) - 500.



ENGINE AIR CLEANER ELEMENT- PRIMARY - [AT311066](#)

Interval (hrs) - 1000.



CRANKSHAFT DAMPER - [RE530733](#)

Interval (hrs) - 4000.



ENGINE AIR CLEANER ELEMENT- SECONDARY - [AT311067](#)

Interval (hrs) - 1000.



ENGINE ROCKER ARM COVER GASKET

[R521520](#)
Interval (hrs) - 2000.



PRIMARY FUEL FILTER

[RE532952](#)
Interval (hrs) - 500.



FINAL FUEL FILTER

[RE533910](#)
Interval (hrs) - 500.



AUXILIARY FUEL FILTER

[AT365869](#)
Interval (hrs) - 500.



IN-LINE FUEL STRAINER

[AT223493](#)
Interval (hrs) - 500.



CAB FRESH AIR FILTER

[AT191102](#)
Interval (hrs) - As Required.



CAB RECIRCULATION FILTER

[AT307501](#)
Interval (hrs) - As Required.



AXLE OIL FILTERS

[AT333901](#)
Interval (hrs) - 1000.



ATTACHMENT TO BUCKET LINK JOINT (S.N. —639089) - [AT330664](#)

Interval (hrs) - As Required.



ATTACHMENT TO BUCKET LINK JOINT (S.N. 639090—639907) - [AT406298](#)

Interval (hrs) - As Required.



ATTACHMENT TO BUCKET LINK JOINT (S.N. 639908—) - [AT410593](#)

Interval (hrs) - As Required.



BELLCRANK TO BOOM JOINT (S.N. 639908 —) - [AT341092](#)

Interval (hrs) - As Required.



BOOM TO ATTACHMENT JOINT

[AT341093](#)
Interval (hrs) - As Required.



STEERING CYLINDER JOINT (S.N. 632198 —) - [T277557](#)

Interval (hrs) - As Required.



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

Interval (hrs) - 500.



TRANSMISSION OIL FILTERS

[AT336140](#)
Interval (hrs) - 2000.








CLICK PART NUMBER TO BUY

*See operator's manual for additional details.

PARTS AND CAPACITIES INFORMATION

844K (S.N. —642007) Engines 6135HDW03 and 6135HDW01

| Part Description | Part Number | Qty or capacity | Change Interval In Hours |
|---|--------------------------|--|--------------------------|
| John Deere GL-5 Gear Lubricant With Limited Slip Additive (axles) ⁴  | TY26204 | 136.0 L (35.9 gal) | 1000 |
| Hy-Gard™ Transmission and Park Brake Oil ⁴  | TY6354 | 0.7 L (24.0 fl oz) 28.7 L (7.6 gal) | 1000 |
| John Deere Hydrau™ Hydraulic Oil ⁴  | TY27367 | 244.0 L (64.5 gal) | 4000 |
| COOL-GARD™ II Pre-mix  | TY26575 | 52.4 L (13.8 gal) | 6000 |
| Coolant Extender  | TY26603 | As Required | As Required |
| Fluid Analysis Kits⁶ | | | |
| Diesel Engine Oil | AT346594 | 1 | 250 |
| Transmission Oil | AT346594 | 1 | 500 |
| Axle Oil | AT346594 | 2 | 500 |
| Hydraulic Oil | AT346594 | 1 | 500 |
| Diesel Fuel | TY27329 | 1 | 500 |
| Engine Coolant | TY26873 | 1 | 500 |
| COOL-GARD™ II 3-Way Test Strips | TY26605 | 1 | As Required |

⁴See operator's manual for recommended oil type and oil viscosities based on operating temperatures.

⁶Based on fluid analysis results, intervals may need to be adjusted for operating conditions. consult a local John Deere dealer.

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Service Intervals

844K (S.N. —642007) Engines 6135HDW03 and 6135HDW01

| As Required | |
|--|--|
| <input type="checkbox"/> Inspect tires and check pressure | <input type="checkbox"/> Drain water from primary fuel filter |
| <input type="checkbox"/> Check wheel bolt/nut torque | <input type="checkbox"/> Drain water and sediment from final fuel filter |
| <input type="checkbox"/> Inspect engine air cleaner elements | <input type="checkbox"/> Replace fast fill fuel breather filter (if equipped) |
| <input type="checkbox"/> Inspect air conditioner compressor and alternator belt | <input type="checkbox"/> Check and clean or replace cab fresh air filter |
| <input type="checkbox"/> Clean cooler cores | <input type="checkbox"/> Check and clean or replace cab recirculating air filter |
| <input type="checkbox"/> Check windshield washer fluid level | <input type="checkbox"/> Check rear camera and radar object detection (ROD) system (if equipped) |
| <input type="checkbox"/> Add coolant extender as indicated by COOL-GARD™ II test strips | <input type="checkbox"/> Drain water from auxiliary fuel filter (if equipped) |
| Every 10 Hours or Daily | |
| <input type="checkbox"/> Check coolant level in surge tank | <input type="checkbox"/> Check hydraulic system oil level |
| <input type="checkbox"/> Check engine oil level | <input type="checkbox"/> Check transmission oil level |
| <input type="checkbox"/> Inspect outer pin seals | |
| Every 100 Hours | |
| <input type="checkbox"/> Lubricate loader linkage and cylinder pivots—Z-Bar Linkage (unless NeverGrease™ equipped) | <input type="checkbox"/> Lubricate rear axle front oscillating pivot |
| Initial Service—250 Hours ¹ | |
| <input type="checkbox"/> Drain and refill engine oil and replace filter | <input type="checkbox"/> Drain and refill front and rear axle oil |
| <input type="checkbox"/> Replace axle oil filters | |
| Every 250 Hours | |
| <input type="checkbox"/> Take engine oil sample | |
| Every 500 Hours | |
| <input type="checkbox"/> Replace hydraulic reservoir breather filter | <input type="checkbox"/> Check park brake oil level |
| <input type="checkbox"/> Check air intake hoses | <input type="checkbox"/> Lubricate front and rear shaft seals on park brake |
| <input type="checkbox"/> Drain and refill engine oil and replace filter | <input type="checkbox"/> Check front and rear axle oil level |
| <input type="checkbox"/> Replace in-line fuel strainer | <input type="checkbox"/> Take diesel fuel sample |
| <input type="checkbox"/> Replace primary fuel filter | <input type="checkbox"/> Take engine coolant sample |
| <input type="checkbox"/> Replace final fuel filter | <input type="checkbox"/> Take transmission oil sample |
| <input type="checkbox"/> Replace fast fill fuel breather filter (if equipped) | <input type="checkbox"/> Take axle oil sample |
| <input type="checkbox"/> Replace auxiliary fuel filter (if equipped) | <input type="checkbox"/> Take hydraulic oil sample |
| <input type="checkbox"/> Check battery water level and terminals | <input type="checkbox"/> Check ride control accumulator |
| Every 1000 Hours | |
| <input type="checkbox"/> Clean engine crankcase vent tube | <input type="checkbox"/> Drain and refill park brake oil |
| <input type="checkbox"/> Replace engine air cleaner elements | <input type="checkbox"/> Clean fan drive case drain in-line screen |
| <input type="checkbox"/> Lubricate frame hinge pivots | <input type="checkbox"/> Replace axle oil filters |
| <input type="checkbox"/> Check coolant | |
| Every 2000 Hours | |
| <input type="checkbox"/> Drain and refill front and rear axle oil ² | <input type="checkbox"/> Check and adjust engine valve lash |
| <input type="checkbox"/> Drain and refill transmission oil and replace filters ³ | <input type="checkbox"/> Rerun transmission clutch calibration |
| <input type="checkbox"/> Check and adjust electronic injector preload | <input type="checkbox"/> Replace outer pin seals |
| <input type="checkbox"/> Clean front and rear axle oil recirculation screen (if equipped) | |
| ² The magnetic drain plug is serving its purpose when a ball of fine metal particles or chips are found on the magnet. If concerned with the amount of debris on the plug, clean and check again after running a short time with fresh oil. | |
| ³ Reduce service intervals to 1500 hours in severe applications, which run the torque converter at high loads for more than approximately 25% of the time. | |
| Every 4000 Hours | |
| <input type="checkbox"/> Drain and refill hydraulic system oil | <input type="checkbox"/> Clean hydraulic system fill strainer |

| | |
|--|---|
| <input type="checkbox"/> Replace hydraulic system return filters | <input type="checkbox"/> Clean hydraulic pump case drain screen |
| <input type="checkbox"/> Replace crankshaft damper | |
| Every 5000 Hours | |
| <input type="checkbox"/> Inspect driveline damper | |
| Every 6000 Hours | |
| <input type="checkbox"/> Drain and refill cooling system | |