

# REPLACEMENT PARTS GUIDE

850J-II Crawler Dozer (PIN: 1T0850JJ\_\_D306725—323043) / (PIN: 1T0850JJ\_\_C306799—354851)



## HYDRAULIC OIL FILTER

[AT318160](#)

Interval (hrs) - 2000



## CAB RECIRCULATION AIR FILTER

[AT315957](#)

Interval (hrs) - 1000



## CAB FRESH AIR FILTER

[AT191102](#)

Interval (hrs) - 1000



## FUEL TANK BREATHER

[AT156445](#)

Interval (hrs) - 2000



## AUXILIARY FUEL FILTER (IF EQUIPPED)

[AT365870](#)

Interval (hrs) - 500



## HYDROSTATIC TRANSMISSION OIL FILTER

[AT318160](#)

Interval (hrs) - 2000



## ENGINE OIL FILTER

[RE504836](#)

Interval (hrs) - 500



## FINAL FUEL FILTER

[RE522878](#)

Interval (hrs) - 500



## ENGINE AIR CLEANER DUST UNLOADER VALVE

[T158495](#)

Interval (hrs) - As required



## ENGINE ROCKER ARM COVER GASKET

[R524497](#)

Interval (hrs) - 2000



## ENGINE AIR FILTER ELEMENT PRIMARY

[AT223226](#)

Interval (hrs) - As required



## ENGINE AIR FILTER ELEMENT SECONDARY

[AT175224](#)

Interval (hrs) - As Required



## PRIMARY FUEL FILTER

[RE541922](#)

Interval (hrs) - 500



**JOHN DEERE**  
Genuine Parts and Service

CLICK PART NUMBER TO BUY

\*See operator's manual for additional details.

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| Part Description  | Part Number             | Qty or capacity    | Change Interval In Hours |
|---|-------------------------|--------------------|--------------------------|
| John Deere Plus-50™ II Engine Oil <sup>1</sup>                                       | <a href="#">TY26669</a> | 26.0 L (7.0 gal)   | 500                      |
| John Deere Hydrau™ Hydrostatic Transmission Oil <sup>1</sup>                         | <a href="#">TY27367</a> | 106.0 L (28.0 gal) | 2000                     |
| John Deere Hydrau™ Hydraulic System Oil <sup>1</sup>                                 | <a href="#">TY27367</a> | 106.0 L (28.0 gal) | 2000                     |
| John Deere Hy-Gard™ Inner Final Drive Oil <sup>1</sup><br>(each side) (850J-II)      | <a href="#">TY6354</a>  | 9.5 L (2.5 gal)    | 1000                     |
| John Deere Hy-Gard™ Inner Final Drive Oil <sup>1</sup><br>(each side) (850J-II WLT)  | <a href="#">TY6354</a>  | 15.9 L (4.2 gal)   | 1000                     |
| John Deere Hy-Gard™ Inner Final Drive Oil <sup>1</sup><br>(each side) (850J-II LGP)  | <a href="#">TY6354</a>  | 18.9 L (5.0 gal)   | 1000                     |
| John Deere Hy-Gard™ Outer Final Drive Oil <sup>1</sup><br>(each side)                | <a href="#">TY6354</a>  | 15.9 L (4.2 gal)   | 1000                     |
| John Deere Hy-Gard™ Track Frame Pivot<br>Shaft Oil <sup>1</sup> (each side)        | <a href="#">TY6354</a>  | 1.7 L (1.75 qt)    | 1000                     |
| John Deere Cool-Gard™ II Pre-Mix   | <a href="#">TY26575</a> | 35.0 L (9.2 gal)   | 6000                     |

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| Fluid Analysis Kits <sup>2</sup> |                          |   |     |
|----------------------------------|--------------------------|---|-----|
| Diesel Engine Oil                | <a href="#">AT346594</a> | 1 | 500 |
| Hydrostatic Transmission Oil     | <a href="#">AT346594</a> | 2 | 500 |
| Hydraulic Oil                    | <a href="#">AT346594</a> | 1 | 500 |
| Final Drive Oil                  | <a href="#">AT346594</a> | 1 | 500 |
| Diesel Fuel                      | <a href="#">AT180344</a> | 1 | 500 |
| Engine Coolant                   | <a href="#">TY26873</a>  | 1 | 500 |

<sup>1</sup>See operator's manual for recommended oil type and oil viscosities based on operating temperatures.  
<sup>2</sup>Based 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*

*Hydrau is a trademark of Deere & Company*

*COOL-GARD is a trademark of Deere & Company*



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## Service Intervals

| 850J-II Crawler Dozer (PIN: 1T0850JJ_ _C306799—354851)                              |   |
|---|---|
| <b>As Required</b>  |   |
| <input type="checkbox"/> Inspect or replace belt and check automatic belt tensioner | <input type="checkbox"/> Check and adjust track sag   |
| <input type="checkbox"/> Inspect and clean cooling package                          | <input type="checkbox"/> Check and drain primary fuel filter and water separator                      |
| <input type="checkbox"/> Replace primary and secondary engine air filters           | <input type="checkbox"/> Check and drain auxiliary fuel filter and water separator (if equipped)      |
| <input type="checkbox"/> Check and fill windshield washer fluid                     | <input type="checkbox"/> Inspect or replace cab fresh air and recirculation air filters               |
| <input type="checkbox"/> Clean dust unloader valve                                  |   |
| <b>Every 10 Hours or Daily</b>  |   |
| <input type="checkbox"/> Check engine oil level                                     | <input type="checkbox"/> Lubricate mechanical outside angle dozer linkage (if equipped)               |
| <input type="checkbox"/> Check coolant level at surge tank                          | <input type="checkbox"/> Lubricate mechanical outside dozer linkage (additional points) (if equipped) |
| <input type="checkbox"/> Check hydrostatic transmission oil level                   | <input type="checkbox"/> Check hydraulic system oil level   |
| <input type="checkbox"/> Lubricate dozer linkage and blade socket                   | <input type="checkbox"/> Lubricate C-frame dozer linkage (if equipped)                                |
| <b>Every 50 Hours</b>   |   |
| <input type="checkbox"/> Lubricate lift cylinder pivots                             | <input type="checkbox"/> Lubricate rear ripper (if equipped)  |
| <input type="checkbox"/> Lubricate right and left end crossbar pivots               |   |
| <b>Every 250 Hours</b>  |   |
| <input type="checkbox"/> Take engine oil sample                                     | <input type="checkbox"/> Check inner and outer final drive oil level                                  |
| <b>Every 500 Hours</b>  |   |
| <input type="checkbox"/> Replace auxiliary fuel filter (if equipped)                | <input type="checkbox"/> Take hydraulic oil sample  |
| <input type="checkbox"/> Replace primary and final fuel filters                     | <input type="checkbox"/> Take engine coolant sample   |
| <input type="checkbox"/> Drain and refill engine oil and replace filter             | <input type="checkbox"/> Take hydrostatic transmission oil sample                                     |
| <input type="checkbox"/> Drain water and sediment from fuel tank                    | <input type="checkbox"/> Take inner and outer final drive oil sample                                  |
| <input type="checkbox"/> Check battery water level; clean and tighten terminals     | <input type="checkbox"/> Take diesel fuel sample  |
| <b>Every 1000 Hours</b>   |   |
| <input type="checkbox"/> Check coolant condition                                    | <input type="checkbox"/> Replace cab fresh air and recirculation air filters                          |
| <input type="checkbox"/> Drain and refill inner and outer final drive oil           | <input type="checkbox"/> Check track frame pivot shaft bushing oil                                    |
| <input type="checkbox"/> Check air intake hose and connections                      |   |
| <b>Every 2000 Hours</b>   |   |
| <input type="checkbox"/> Check and adjust engine valve lash                         | <input type="checkbox"/> Replace fuel tank breather   |
| <input type="checkbox"/> Clean engine crankcase vent tube                           | <input type="checkbox"/> Drain and refill hydrostatic transmission oil and replace filter             |
| <input type="checkbox"/> Drain and refill hydraulic system oil and replace filter   |   |
| <b>Every 6000 Hours</b>   |   |
| <input type="checkbox"/> Drain and refill engine cooling system                     |   |