

# John Deere 850J-II (SN. C306799-354851) Crawler Dozer Repair Technical Service Manual (TM14229X19)

## 850J-II Crawler Dozer Repair

(PIN: 1T0850JJ\_\_C306799—354851)



JOHN HARE



COLLECTION

## REPAIR TECHNICAL MANUAL 850J-II Crawler Dozer

(PIN: 1T0850JJ\_\_C306799—354851)

TM14229X19 01DEC18 (ENGLISH)

For complete service information also see:

850J-II Crawler Dozer Operation and Test..... TM14228X19  
PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier  
2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIA Tier 3/Stage III,  
(Base Engine)..... TM104  
Hydraulic Cylinders..... 14229X19



Worldwide Construction and  
Forestry Division

**Covers:** 850J-II,1T0850JJ\_\_,C306799❖❖❖❖❖❖354851)

**Type:** Service Manual

**Language:** English

**Pages:** 389

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 850J-II (SN. C306799-354851) Crawler Dozer Repair Technical Service Manual (TM14229X19)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

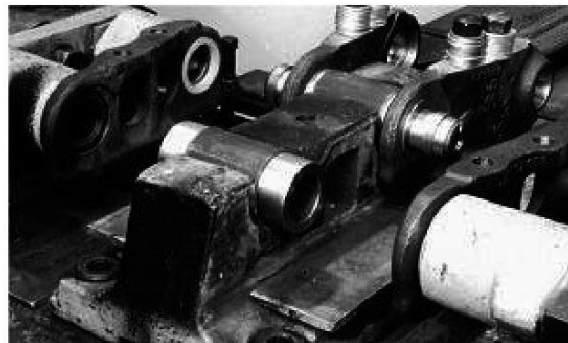
**Contents:**

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
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- Wiring Diagram / Schematic
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- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

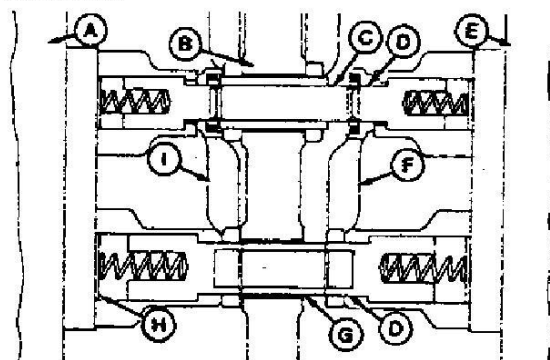
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.



14. T96279-UN: Apply PM37559 Aviation Gasket Sealant  
Apply PM37559 Aviation Gasket Sealant or an equivalent to the link bore. The sealant prevents loss of vacuum or lubricant leakage through the pin to link joint.



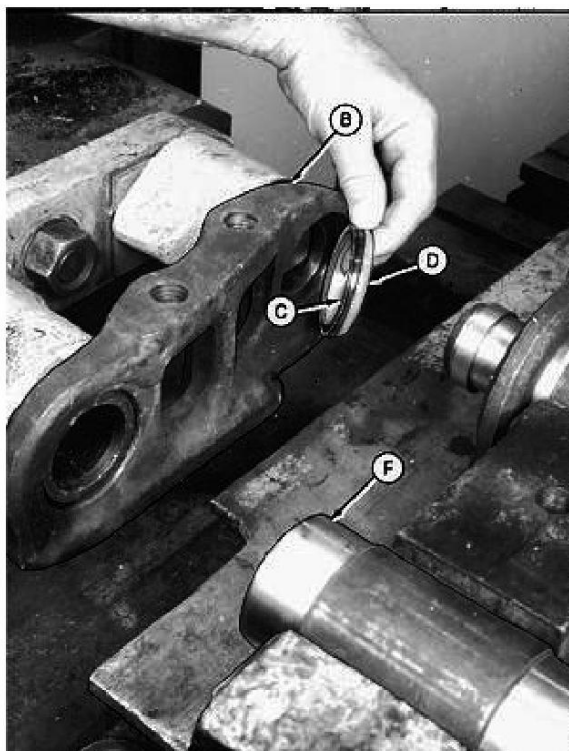
16. T96282-UN: Saddle



T96283-UN: Diagram Saddle

**LEGEND:**  
**A-Left Ram**  
**B-Saddle**  
**C-Pin**  
**D-Plunger**  
**E-Right Ram**  
**F-Right Link**  
**G-Bushing**  
**H-Shims**  
**I-Left Link**

Advance left ram until left link contacts the saddle. Advance right ram until it stops (plungers in both rams against shim pack).



15. T96280-UN: Bushing in Front Saddle

**LEGEND:**

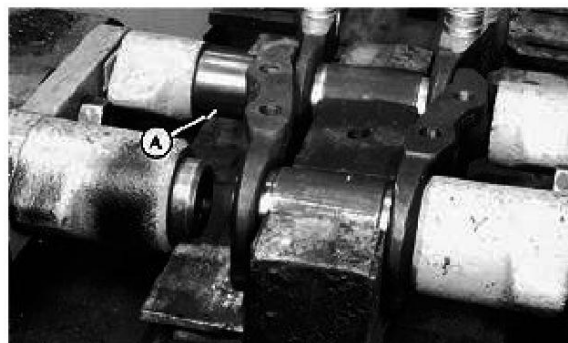
**B-Link**  
**C-Load Ring**  
**D-Seal Ring**  
**F-Bushing**

Install bushing (F) in front saddle seat. Install left link (B) and right link on ram plungers.

Assemble the load ring (C) and seal ring (D). Install the assembly into link (B) counterbore so pointed lip of seal ring is toward bushing (F).

17. NOTE:

To ensure zero end play in joint, special spacers must be fabricated using a section of bushing.



T96284-UN: Special Spacer

**LEGEND:**  
**A-Special Spacer**

Retract left ram. Install special spacer (A) between the joint in rear seat of saddle and ram.



Thank you very much  
for your reading.  
Please click here  
to get more information.