

John Deere 850J-II (SN. D306725-323043) Crawler Dozer Service Repair Technical Manual (TM14231X19)

850J-II Crawler Dozer Repair

(PIN: 1T0850JJ_ _D306725—323043)



JOHN HARE



COLLECTION

REPAIR TECHNICAL MANUAL 850J-II Crawler Dozer

(PIN: 1T0850JJ_ _D306725—323043)

TM14231X19 01DEC18 (ENGLISH)

For complete service information also see:

850J-II Crawler Dozer Operation and Test..... TM14230X19
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)..... dm104
Hydraulic Cylinders..... 90519



Worldwide Construction and Forestry Division

Covers: 850J-II,1T0850JJ_ _D306725 323043

Type: Service Manual

Language: English

Pages: 393

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. D306725-323043) Crawler Dozer Service Repair Technical Manual (TM14231X19)**

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
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- 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.

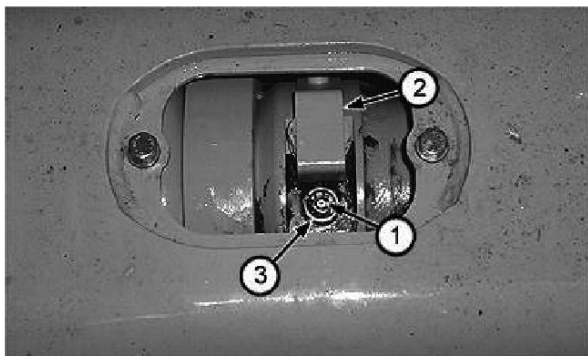
Track Guides and Rock Guards Remove and Install

1.  **CAUTION:**



T133509-UN: High Pressure Fluid

High pressure release of oil from pressurized system can cause serious burns or penetrating injury. DO NOT remove grease fitting to increase track sag. DO NOT tamper with relief valve. It is fitted with a cover. Slowly loosen check valve fitting to release grease from track tension adjuster.



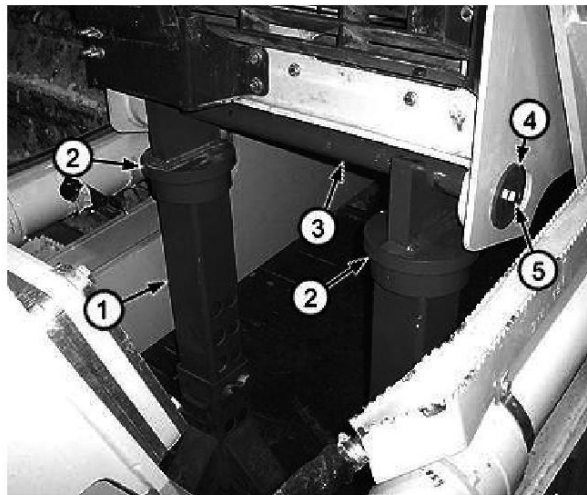
T206819C-UN: Track Adjuster Check Valve

LEGEND:

- 1-Grease Fitting
- 2-Relief Valve
- 3-Check Valve

Track Guides Remove and Install—slowly turn check valve fitting (3) counterclockwise one turn to release track tension. See Adjust Track Sag - document OMT389947X19 - (Operators Manual.)

2.  **CAUTION:**
Prevent possible injury from unexpected track movement. Raise the machine off the ground and support with 20-Ton Floor Stands. Tracks MUST be free to rotate in either direction.

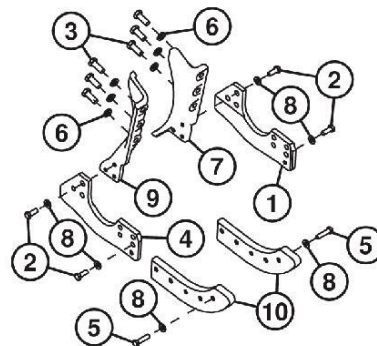


T205099A-UN: 750J/850J Floor Stand Kit

LEGEND:

- 1-20-Ton Floor Stand (4 used)
- 2-Floor Stand Adapter (2 used)
- 3-Floor Stand Rod
- 4-Washer (2 used)
- 5-Cap Screw (2 used)

Raise machine off the ground and support with 20-Ton Floor Stands. Lower blade to ground.



3. T209551-UN: Front and Rear Track Guides and Guards

LEGEND:

- 1-Guide, Left Rear (2 used)
- 2-Cap Screw (28 used)
- 3-Cap Screw (12 used)
- 4-Guide, Right Rear (2 used)
- 5-Cap Screw (20 used)
- 6-Washer (12 used)
- 7-Guard, Left Sprocket (2 used)
- 8-Washer (48 used)
- 9-Guard, Right Sprocket (2 used)
- 10-Guide, Front Track (4 used)

Remove cap screws (5) and washers (8) to remove front track guides (10).

4. Remove cap screws (2) and washers (8) to remove rear track guides (1 and 4).
5. Remove cap screws (3) and washers (6) to remove rear sprocket guards (7 and 9).



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