

John Deere 850J-II (SN. D000001-) Crawler Dozer Repair Service Manual (TM14278X19)

850J-II Crawler Dozer Repair

(PIN: 1BZ850JA_ _D000001—)



JOHN HARE



COLLECTION

REPAIR MANUAL

850J-II Crawler Dozer (PIN: 1BZ850JA_ _D000001—)

TM14278X19 01DEC18 (ENGLISH)

For complete service information also see:

850J-II Crawler Dozer Operation and Test..... TM14277X19
PowerTech 4.5L & 6.8L Diesel Engines Tier 1/Stage I, Tier
2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIIA Tier 3/Stage III,
(Base Engine)..... ctm104
Hydraulic Cylinders..... 90519



Worldwide Construction and
Forestry Division

Covers: 850J-II,1BZ850JA_ _D000001 (◆◆◆◆◆◆◆◆)

Type: Service Manual

Language: English

Pages: 405

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

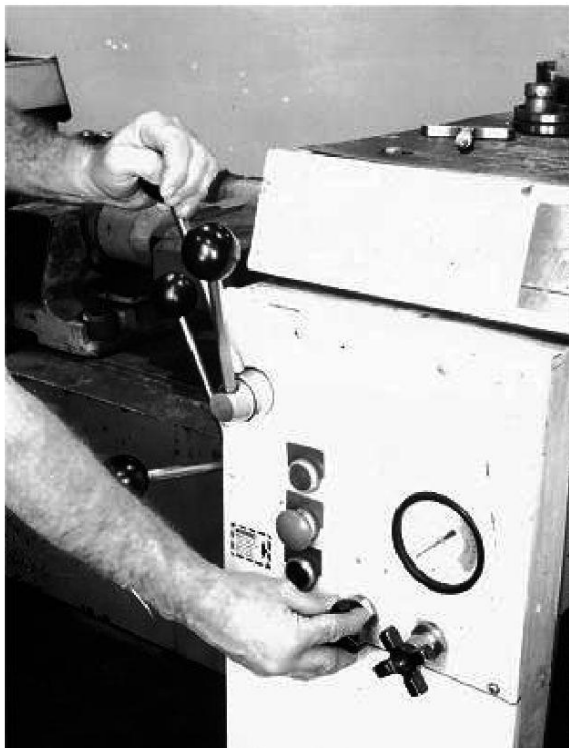
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 850J-II (SN. D000001-) Crawler Dozer Repair Service Manual (TM14278X19)**

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.



6. T96274-UN: Adjust Track Press Pressure Relief Valve
Adjust track press pressure relief valve setting.

Item	Measurement	Specification
850J Track Press Relief Valve Settings—Maximum Force		444 800 N 100,000 lb force

7. Advance left ram until left split link contacts the saddle.
Advance right ram until it stops to press split link and bushing assembly together.



8. T96275-UN: Measure Bushing Projection
Measure bushing projection from shoulder of link using a depth micrometer. Bushing projection determines clearance between overlapping links and proper spacing of link bolt holes.

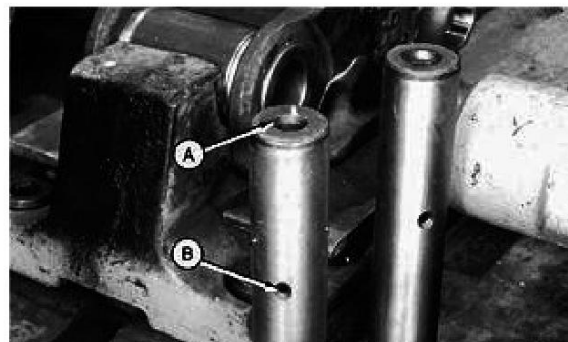
Item	Measurement	Specification
Bushing Projection	Height	1.75—2.25 mm 0.069—0.089 in.

9. If bushing projection does not meet specification, check pressure setting or adjust shim packs behind plungers. Only the first two joints must be checked for proper bushing projection.



10. T96276-UN: Apply Track Chain Lubricant
Apply track chain lubricant to bushing ends before next set of links are installed.

- IMPORTANT:**
11. Pins must be installed so cross-drilled hole is toward link wear surface or they may break when chain is used. To make assembly easier, install all pins so holes in the end are toward the same side of chain.



T96277-UN: Cross-Drilled Hole

LEGEND:

A-End Hole

B-Cross-Drilled Hole

Install pin in bushing so cross-drilled hole (B) is toward link wear surface. Install all pins so end hole (A) is toward the same side of chain, either left or right.



12. T96278-UN: Install Thrust ring
Install a thrust ring on each end of pin.

13. Move completed split link assembly to rear seat of saddle.



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for your reading.
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to get more information.