

# John Deere 644K 4WD Loader (SN. from C000001, D000001) Service Repair Technical Manual (TM13213X19)

## John Deere 820 Tractor



JOHN DEERE

TECHNICAL MANUAL

PDF



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**Covers:** 644K,1BZ644K\*\*\*C000001-;,1BZ644K\*\*\*D000001-)

**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 644K 4WD Loader (SN. from C000001, D000001) Service Repair Technical Manual (TM13213X19)**

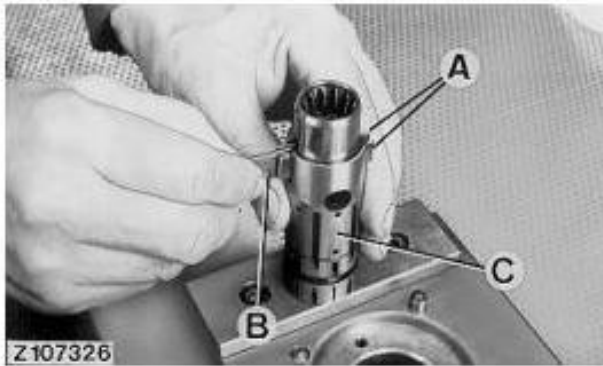
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**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.

## Installing the Leaf Springs



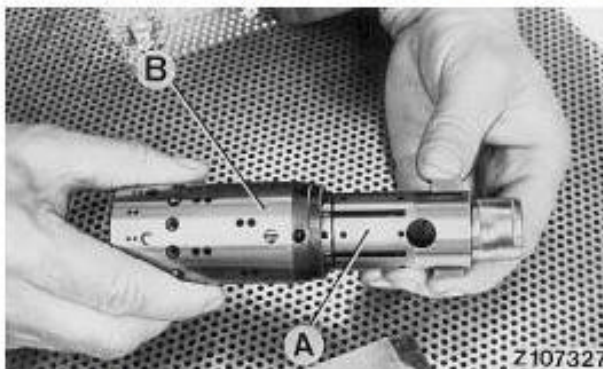
### LEGEND:

- A Straight leaf spring (2 used)
- B Convex leaf spring (4 used)
- C Valve spool

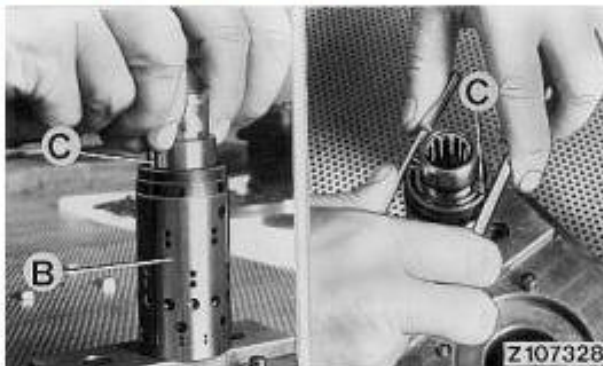
### Install Leaf Springs

Insert the two straight leaf springs (A) into the slot. Slide the four convex springs (B) between the straight springs (A) and align spring pack.

## Assembling the Spool Assembly



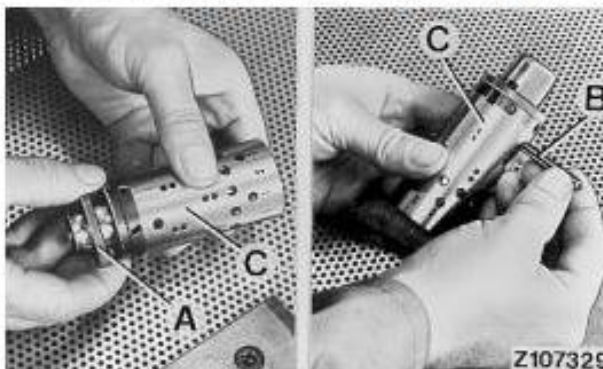
### Assemble Spool Assembly



### Insert Spring Pack into Sleeve and Align

Assemble the sleeve and spool (A), pressing spring pack together and inserting it into sleeve (B). Align spring pack (C).

## Installing Retaining Ring and Cross Pin





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to get more information.