

# John Deere 844K-III (SN. D677782-) 4WD Loader Repair Technical Service Manual (TM14161X19)

7250, 7350, 7450, 7550,  
7750, 7850 and 7950 Self-  
Propelled Forage  
Harvesters Repair  
(Worldwide Edition)



## REPAIR TECHNICAL MANUAL

**Self-Propelled Forage Harvesters models 7250, 7350, 7450, 7550, 7750, 7850,  
7950**

TM401419 08 JUL 13 (ENGLISH)

### For complete service information also see:

7250, 7350, 7450, 7550, 7750, 7850, 7950 Self-Propelled Forage Harvesters Diagnostic (Worldwide Edition)	TM401319
Harvest Lab Stationary / Harvest Lab on 7x00, 7x50 and 7x80 Self-Propelled Forage Harvesters Technical Solutions	TM132019
AutoTrac Universal	TM1128
JDLink Diagnosis and Troubleshooting	
GreenStar 2 Diagnosis and Troubleshooting	
Alternators and Starting Motors	
Machine Connection Information	CTM441
PowerTech, PowerTech Plus & PowerTech 6000L OEM Diesel Engines Base Engine Repair	CTM415
PowerTech 9.0L OEM Diesel Engines 6090 Tier 3 / Stage IIIA Emissions Certified Base Engine Repair	CTM400
PowerTech 6090 Diesel Engine Level 14 Electronic Fuel System with the Denso High Pressure Common Rail (HPCR) Level 14 ECU	CTM385
PowerTech 6135 Diesel Engine Level 15 Electronic Fuel Systems With Delphi EULs	CTM370



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John Deere Agriculture  
Printed by Belgreen



Covers: 844K-III, 1DW844KC\_,\_D677782 (7 icons)

**Type:** Service Manual

**Language:** English

**Pages:** 438

**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 844K-III (SN. D677782-) 4WD Loader Repair Technical Service Manual (TM14161X19)**

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



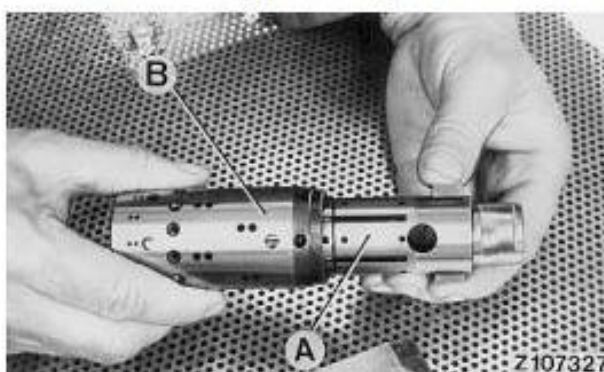
### LEGEND:

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

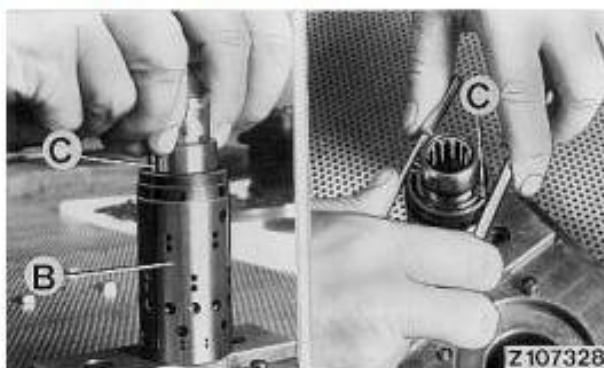
### Install Leaf Springs

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



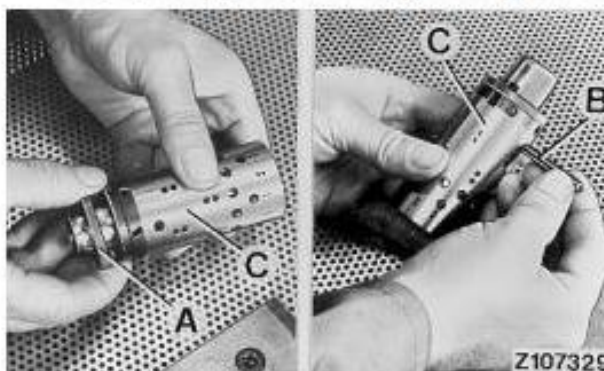
### Assemble Spool Assembly



### 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





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