

John Deere 4430 Row Crop Tractors (SN.before 033108) Technical Service Manual (tm1057)



4430 Tractor



TECHNICAL MANUAL

4430
Tractor

TM1057 (01NOV88) English



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ENGLISH



Covers: 4430,000000-033108)

Type: Service Manual

Language: English

Pages: 688

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 4430 Row Crop Tractors (SN.before 033108) Technical Service Manual (tm1057)**

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.

Assembly — Continued

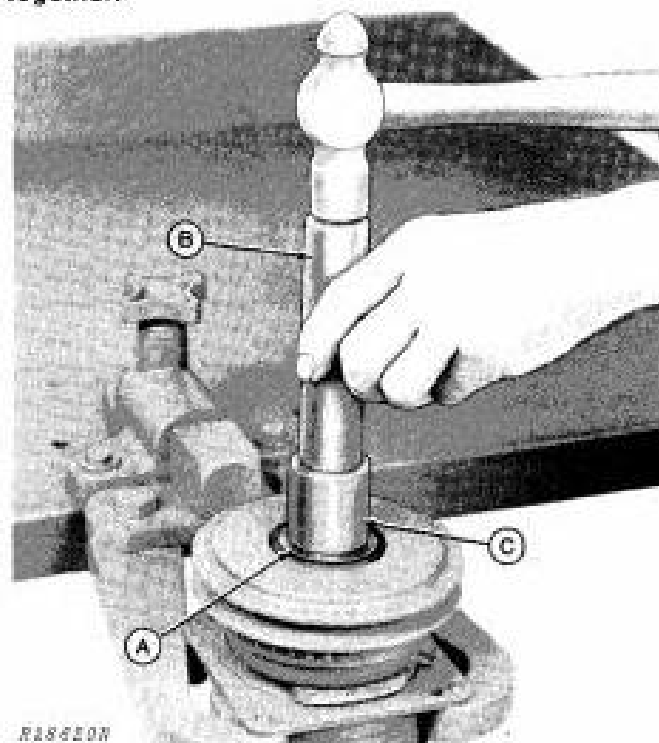
21. Complete installation by using KD-2014D Tool to help force the retainer ring into the groove. Do not use a hammer to drive in retaining ring.

22. Remove excess oil from inside the compressor neck with a clean cloth.

NOTE: Before installing the remaining parts, the compressor should be tested for leakage of refrigerant. (See Shaft Seal Leak Test p. 80-20-9.)

23. Install a new felt seal by rolling the material into a cylinder, overlapping the ends, and placing seal in the interior of compressor neck.

24. Carefully position seal so that the ends butt together.



A—Seal Retainer
B—Driver

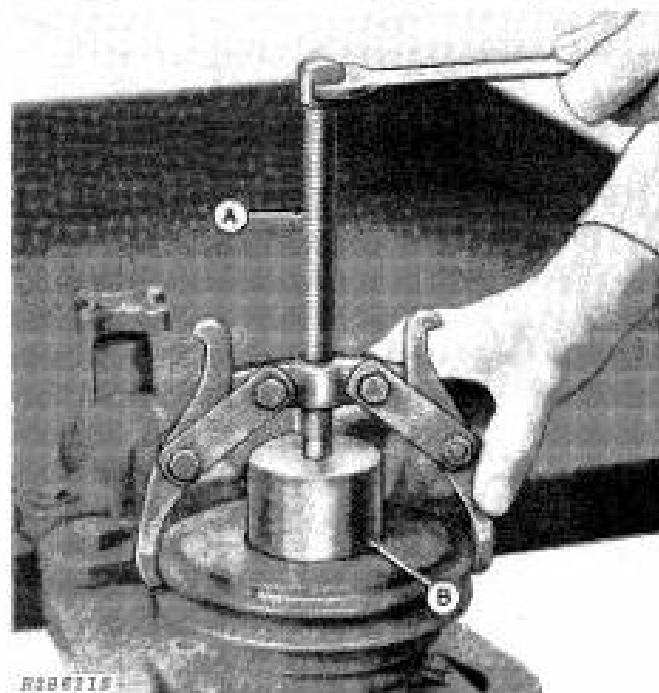
C—JDST-26-4B
Installation Tool

Fig. 19—Installing Bearing Seal Retainer

25. With felt seal properly positioned, insert a new pulley bearing seal retainer (A, Fig. 19) into bore of compressor neck.

26. Using JDST-26-4B Installation Tool (C) and Driver (B) drive shield in until it bottoms on outside end of neck.

NOTE: The outer face of the seal retainer which contacts the bearing seal housing has a Teflon coating. Therefore, no lubricant of any kind should be used on this surface.



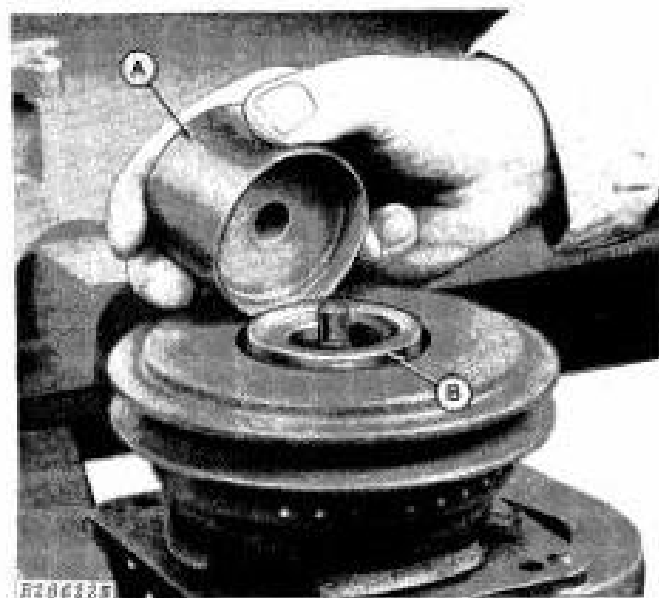
A—Puller B—Bearing Seal Housing Installation Tool

Fig. 20—Installing Bearing Seal Housing

27. Place a new bearing seal housing over the pulley bearing bore.

28. Press in bearing seal housing until it bottoms against the bearing using the JDST-26-4A Installation Tool (B, Fig. 20) and a conventional jaw-type puller similar to D-01205AA puller (A).

NOTE: Be sure the bearing is bottomed by turning screw until it is difficult to turn. Do not drive in with a hammer.



A—Bearing Seal Housing B—Bearing Seal Housing Installation Tool

Fig. 21—Bearing Seal Housing Installed



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for your reading.
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to get more information.