

John Deere 8225R 8245R 8270R 8295R 8320R 8335R 8345R 8370R 8400R Tractors Repair Manual (TM146319)

8R Tractors Repair
(SN. 120000—)



JOHN HARE



COLLECTION

REPAIR TECHNICAL MANUAL

8225R, 8245R, 8270R, 8295R, 8320R, 8335R, 8345R,
8370R and 8400R Tractors (SN. 120000—)

TM146319 01DEC18 (ENGLISH)



John Deere Waterloo Works

Covers: 120000❖❖❖❖❖❖❖❖❖❖❖❖❖❖❖❖❖❖);,8225R,8245R,8270R,8295R,8320R,8335R,8345R,8370R,8400R

Type: Service Manual

Language: English

Pages: 1359

Format: PDF

Features: Bookmarked, searchable, printable

Compatibility: Windows/Mac/Tablet/Mobile

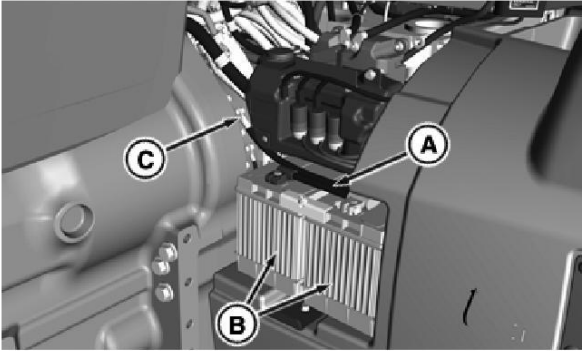
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 8225R 8245R 8270R 8295R 8320R 8335R 8345R 8370R 8400R Tractors Repair Manual (TM146319)**

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
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- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
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- 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.



93. RXA0133740-UN: Battery Ground Cable

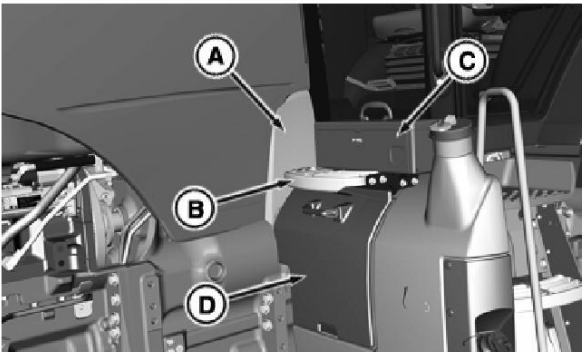
LEGEND:

A-Battery Ground Cable

B-Batteries (2 used)

C-Single Point Ground

Connect battery ground cable (A) to batteries (B) and single point ground (C).



94. RXA0133739-UN: Shield and Tool Box

LEGEND:

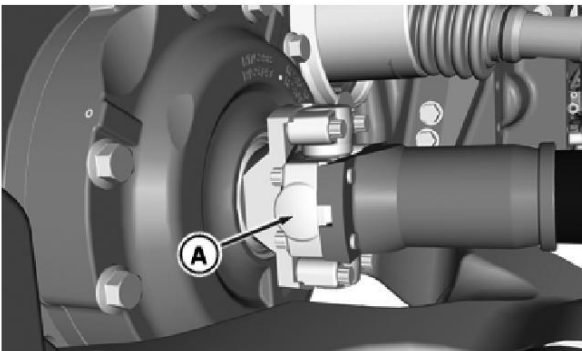
A-Shield

B-Step

C-Tool Box

D-Battery Cover

Install parts (A—D).



95. RXA0133744-UN: Driveshaft

LEGEND:

A-Driveshaft Universal Joint

For tractors with ILS™:

Connect driveshaft universal joint (A) to differential yoke.



96. RXA0091063-UN: Snap Ring and Line Clamp

LEGEND:

A-Snap Ring

For tractors equipped with MFWD, perform the following:

Engage MFWD shaft snap ring and slide shaft rearward to engage MFWD clutch.



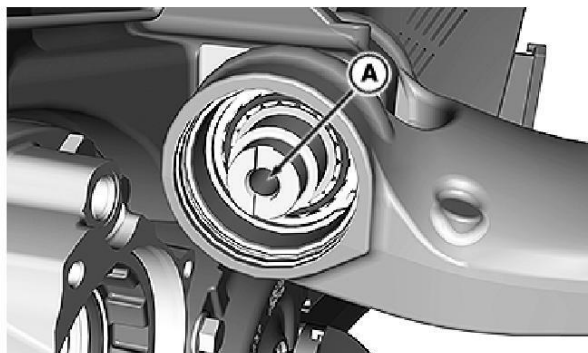
CAUTION:

Tractor ignition must be in "OFF" position when checking position of MFWD driveshaft snap ring (A).

Position shaft snap ring (A) in upward position. Tighten MFWD driveshaft shield and install steering line clamp (B).

- 97. Install front PTO, if equipped. (See [Install Front PTO](#) in Section 50D, Group 00.)
- 98. Install front hitch, if equipped. (See [Remove and Install Front 3-Point Hitch](#) in Section 70, Group 25.)
- 99. Install front weights, if equipped.
- 100. Fill coolant system. (See [Draining, Flushing, and Refilling Cooling System](#) in Section 30, Group 20.)
- 101. Purge, evacuate, and charge air conditioning system. (See [Purge Air Conditioning System](#), [Evacuate Air Conditioning System](#), and [Charge Air Conditioning System](#) in Section 90, Group 05.)

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14. RXA0151948-UN: Pivot Shaft

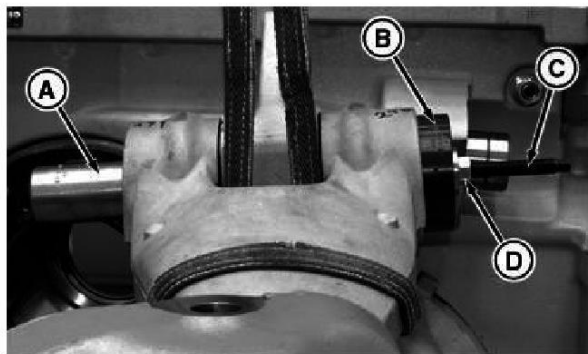
LEGEND:

A-Threaded Hole

Measure threaded hole (A) at rear of pivot shaft to determine tools needed.

M16 (5/8 in) threaded hole uses JDG1548-1 Forcing Screw, JDG1548-3 Special Driver, and JDG1548P2A Forcing Sleeve that are a part of JDG1548 Pivot Pin Tool Set.

M24 (15/16 in) threaded hole uses JDG11854 Special Driver, JDG11855 Forcing Sleeve, and JDG11856 Forcing Screw.



15. RXA0056309-UN: Remove Pivot Shaft

LEGEND:

A-Special Driver

B-Forcing Sleeve

C-Forcing Screw

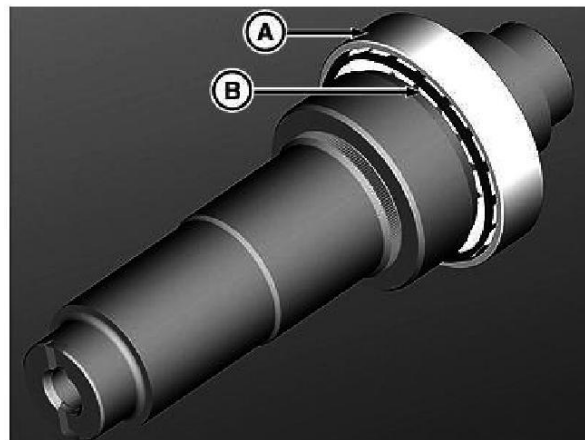
D-Forcing Screw Nut

Ensure tool is threaded tightly in place and install Special Driver (A) into rear of pivot shaft.

16. Install Forcing Sleeve (B) into front pivot shaft bore of front arm.

17. Ensure tool is tightly threaded in place and install Forcing Screw (C) into pivot shaft.

18. Remove shaft forward, using a heavy hammer at rear while rotating forcing screw nut (D) on forcing screw.



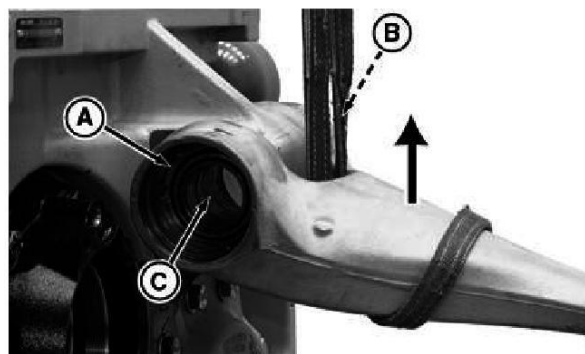
19. RXA0078653-UN: Pivot Shaft Bearing and Cup

LEGEND:

A-Bearing Cup

B-Bearing

Remove bearing cup (A) and bearing (B) from shaft.



20. RXA0056310-UN: Raise Upper Control Arm

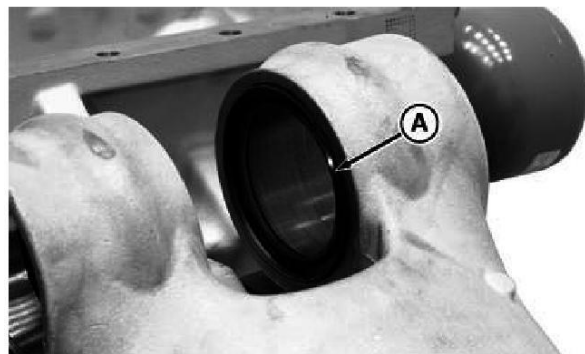
LEGEND:

A-Rear Control Arm Pivot Shaft Bore

B-Front Control Arm Pivot Shaft Bore

C-Differential Case Pivot Pin Bore

Raise arm to allow access to rear control arm pivot shaft bore (A), front control arm pivot shaft bore (B), and differential case pivot pin bore (C).



21. RXA0056311-UN: Grease Seal

LEGEND:

A-Front Pivot Bore Grease Seal

Remove front pivot bore grease seal (A).



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