

John Deere 5090R, 5100R, 5115R, 5115RH, 5125R Tractors Diagnostic Technical Service Manual (TM143419)

5090R, 5100R, 5115R,
5115RH and 5125R (FT4/
Stage IIIB) Tractors
Diagnostic



JOHN HARE



COLLECTION

DIAGNOSTIC TECHNICAL MANUAL
5R Series Tractors

TM143419 01DEC18 (ENGLISH)



John Deere Augusta Works

Covers: 5090R, 5100R, 5115R, 5115RH, 5125R

Type: Service Manual

Language: English

Pages: 1329

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 5090R, 5100R, 5115R, 5115RH, 5125R Tractors Diagnostic Technical Service Manual (TM143419)**

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.

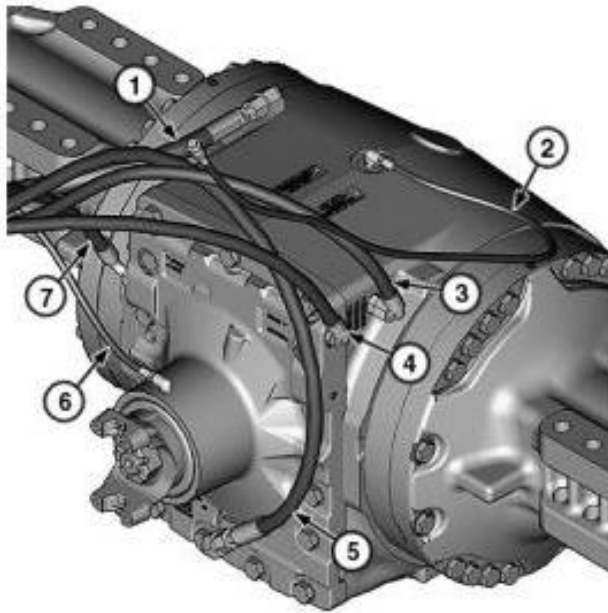
Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
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- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
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- 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.

Disconnect drive shaft from front axle. Discard universal joint cap screws. [See Universal Joint and Drive Shaft Remove and Install](#). (Group 0225.)

[8] -



LEGEND:

- 1 Front Axle-to-Front Axle Differential Lock Valve Return Line
- 2 Breather Line
- 3 Front Axle Differential Lock Valve-to-Front Axle Line
- 4 Service Brake Valve-to-Front Axle Brake Line
- 5 Front Axle-to-Front Axle Circulation Pump Line
- 6 Lubrication Line
- 7 Axle Oil Cooler-to-Front Axle Line

Front Axle

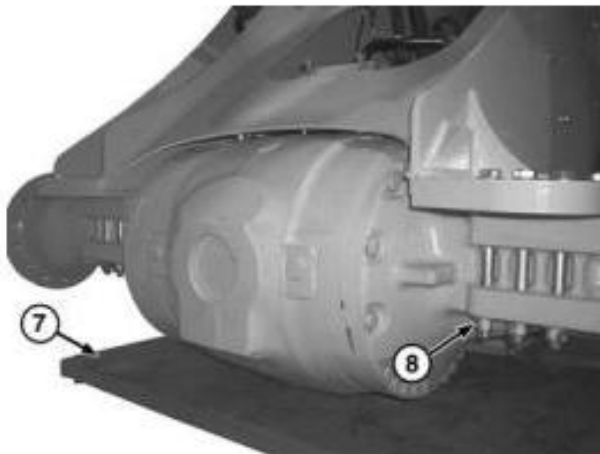
Tag and disconnect lines (1—7). Close all openings using caps and plugs.

[9] -



CAUTION:

Prevent possible crushing injury from heavy component. Use appropriate lifting device.



LEGEND:

- 7 JT01642A Low-Lift Transmission Jack
- 8 Axle Mounting Nut (12 used)

JT01642A Low-Lift Transmission Jack

Install JT01642A Low-Lift Transmission Jack (7) under front axle and differential.

Item	Measurement	Specification
Front Axle and Differential	Weight (approximate)	980 kg 2161 lb.

Low-Lift Transmission Jack

JT01642A

For removal and installation of axle and differential

[10] - Remove axle mounting nuts (8), washers, and cap screws.



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to get more information.