

John Deere 544K 4WD Loader (SN.D642665-670307) w.Engine 6068HDW74 (T3) Service Repair Manual (TM12100)



Covers: 544K,1DW544KZ**D642665-670307)

Type: Service Manual

Language: English

Pages: 537

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 544K 4WD Loader (SN.D642665-670307) w.Engine 6068HDW74 (T3) Service Repair Manual (TM12100)**

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
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- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

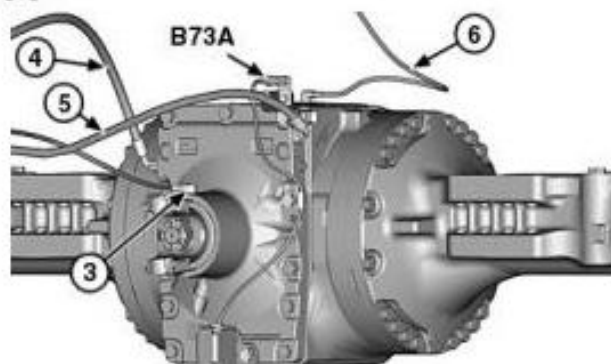
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

IMPORTANT:

Avoid machine damage. Do not reuse drive shaft universal joint cap screws.

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

[8] -

**LEGEND:**

- 3 Grease Line
- 4 Differential Lock Line
- 5 Service Brake Line
- 6 Breather Line
- B73A Front Axle Oil Temperature Sensor (if equipped)

Front Axle

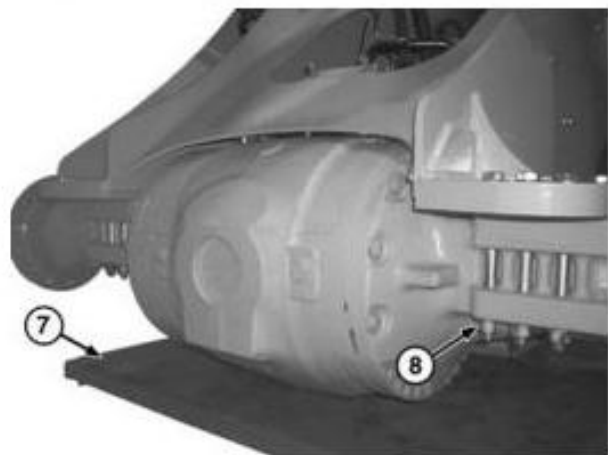
Tag and disconnect lines (3—6). Close all openings using caps and plugs.

[9] - Disconnect front axle oil temperature sensor (B73A) from loader frame harness, if equipped.

[10] -

**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)	953 kg 2100 lb.

Low-Lift Transmission Jack

JT01642A

For removal and installation of axle and differential

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

[12] - Lower axle and differential assembly.



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for your reading.
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to get more information.