

John Deere W540, W550, W650, W660, T550, T560, T660, T670, C670 Combines Diagnostic Manual (tm401619)

624KR Loader Diagnostic



OPERATION AND TEST MANUAL

4WD Loaders models 624KR

TM10692 04 MAR 16 (ENGLISH)

For complete service information also see:

| | |
|---|-----------|
| JDLink (MTG) Technical Manual | TM114519 |
| 624KR Loader Repair | TM10693 |
| TMIV1200 - 1400 Series Inboard Planetary Axles | CTM442 |
| PowerTech 4045, 6068 Diesel Engine Level 1.4 Electronic Fuel System with the Denso High Pressure Common Rail Fuel System and ECU | CTM320 |
| Super Caddy Oil Cooler | CTM330 |
| 120 Series Hydraulic Cylinders | CTM109319 |
| 185 Series Hydraulic Cylinders | CTM109319 |
| 120 Series Hydraulic Cylinders | CTM109319 |
| 125 Series Hydraulic Cylinders | CTM109319 |
| PowerTech 4.5L & 6.8L Diesel Engines Tier 2/Stage I, Tier 2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIA Tier 3/Stage III, (Base Engine) | CTM104 |

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TM10692

Covers: W540,W550,W650,W660,T550,T560,T660,T670,C670

Type: Service Manual

Language: English

Pages: 4228

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Compatibility: Windows/Mac/Tablet/Mobile

This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere W540, W550, W650, W660, T550, T560, T660, T670, C670 Combines Diagnostic Manual (tm401619)**

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.

Mechanical Front Wheel Drive (MFWD) Axle Disassemble

Essential Tools

| ESSENTIAL TOOLS |
|-------------------------------|
| D053135T Snap Ring Pliers |
| JDG10939 Snap Ring Pliers Tip |

Service Equipment and Tools

| SERVICE EQUIPMENT AND TOOLS |
|---|
| D01003AA Repair Stand |
| D01048AA 17 1/2 - Ton Capacity Puller Set |
| JDG10799 Tie Rod End Separating Tool |
| JDG10693 Clamping Fork |
| JDG10830 Internal Extractor |

Planetary Drive Remove

[1] -



LEGEND:

- 1 Axle Assembly
- 2 D01003AA Repair Stand

Axle Support Stand

Place axle assembly (1) in D01003AA Repair Stand (2).

Repair Stand

D01003AA

For supporting front axle.

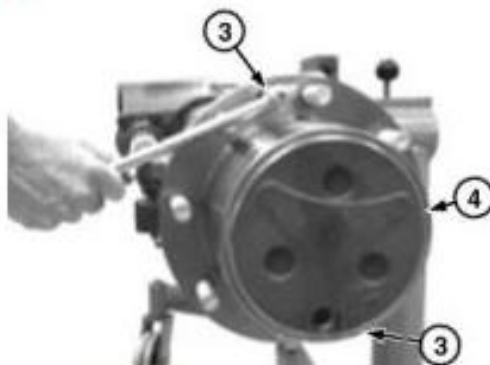
[2] -

→NOTE:

Pressure may build up in planetary carrier housing. To relieve pressure, rotate hub until drain plug is in top position and slowly remove plug. Rotate hub until drain plug is in bottom position and drain oil.

Drain planetary housing oil, [see Drain and Refill MFWD Front Axle Housing Oil—If Equipped](#). (Operator's Manual.)

[3] -



LEGEND:

- 3 Cap Screw (2 used)
- 4 Planetary Carrier



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to get more information.