

# John Deere 540G, 640G, 740G, 548G, 648G, 748G Skidders (SN.-565684) Skidder Diagnostic Manual TM1599



## 4430 and 4630 Tractors



### TECHNICAL MANUAL 4430 and 4630 Tractors

TM1172 (01Jan77) English



John Deere Tractor Works  
TM1172 (01Jan77)

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ENGLISH



**Covers:** -565684);,540G,548G,640G,648G,740G,748G

**Type:** Service Manual

**Language:** English

**Pages:** 766

**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 540G, 640G, 740G, 548G, 648G, 748G Skidders (SN.-565684) Skidder Diagnostic Manual TM1599**

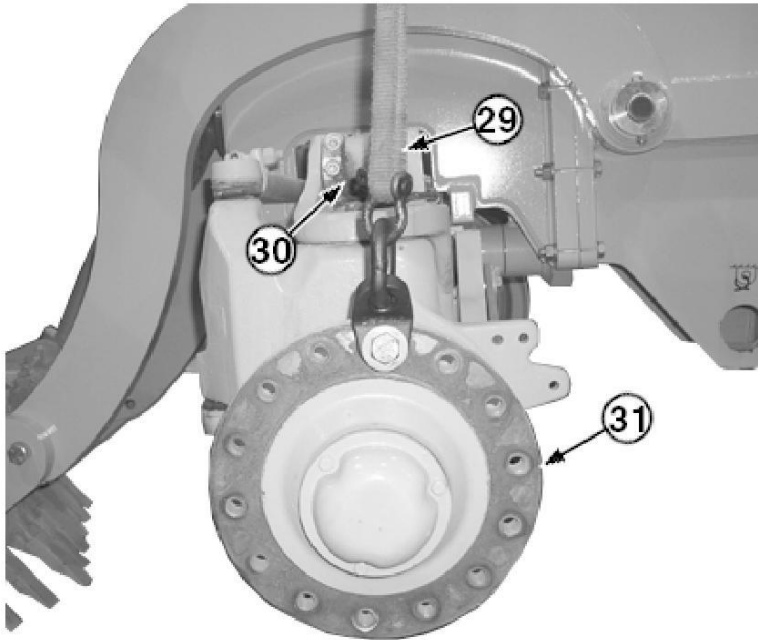
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

**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.

## Front Wheel Hub and Spindle Remove and Install—Non 6WD



TX1057507A-UN: Supporting Wheel Hub, Spindle, and Yoke


**LEGEND:****29-Support Strap****30-Lean Angle Linkage Assembly****31-Front Wheel Hub, Spindle, and Yoke**

1. Park machine on flat, level surface and lower all attachments to ground.

2.  **CAUTION:**  
Prevent possible crushing injury from unexpected machine movement. Install articulation lock pin when machine is raised or when working in articulation joint area.

Install articulation lock pin. See Locking Machine Frame - document OMT363022X19 - (Operator's Manual.)

3. Raise front of machine and install appropriate shop stands. For machine weight, see Machine Specifications - document OMT363022X19 - (Operator's Manual.)
4. Remove front wheel. [See Wheel Remove and Install.](#) (Group 0110.)

5.  **CAUTION:**  
Prevent possible crushing injury from heavy component. Use appropriate lifting device.

Support wheel hub, spindle, and yoke assembly using support strap (29).

Item	Measurement	Specification
Wheel Hub, Spindle, and Yoke	Weight (approximate)	179 kg 395 lb



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