


# John Deere 544G, 544GH, 544G LL, 544G TC, 624G, 644G Loader Diagnostic&Test Service Manual (tm1529)

544G, 544GH, 544G LL,  
544G TC, 624G, 644G  
Loader Diagnostic





**OPERATION AND TEST MANUAL**

**4WD Loaders models 544G, 544GH, 544G LL, 544G TC, 624G, 644G**


**TM1529 22 FEB 05 (ENGLISH)**

For complete service information also see:

544G, 544G LL, 544G TC, 624G and 644G Loader Repair	TM1530
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Series 300, 3029, 4039, 4045, 6059 and 6068 Diesel Engines	CTM8
Alternators and Starting Motors	CTM77
TeamMate II 1200, 1400, and 1600 Inboard Planetary Axles	CTM43
Series 400, 6076	CTM42
PowerTech 6.8L Electronic Fuel Systems	CTM41
PowerTech 4.5L & 6.8L Diesel Engines 3/Stage IIIA, Tier 3/Stage I	CTM40

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John Deere Construction and Forestry  
Printed by Belgreen



TM1529

**Covers:** 544G,544GH,544G,544G,624G,644G

**Type:** Service Manual

**Language:** English

**Pages:** 724

**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 544G, 544GH, 544G LL, 544G TC, 624G, 644G Loader Diagnostic&Test Service Manual (tm1529)**

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...



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