

# John Deere 544K 4WD Loader (SN.before 642664) w.Engine 6068HDW74 Diagnostic Service Manual - TM10688

544K 4WD Loader (SN.  
before 642664) with  
Engine 6068HDW74 (T3)  
Diagnostic


**OPERATION AND TEST MANUAL**

**4WD Loaders (SN. -642664) with Engine 6068HDW74 (T3) models 544K**

TM10688 22 FEB 16 (ENGLISH)

**For complete service information also see:**

JDLink (MTG) Technical Manual	TM114519
544K 4WD Loader Engine 6068HDW74 (-642664) Repair	TM10689
PowerTech E 4.5 and 6.8L Diesel Engines Level 16 Electronic Fuel System With Denso HPCR	CTH902
TMV1200 - 1400 Series Inboard Planetary Axles	CTM842
Super Caddy Oil Cleanup Procedure	CTM810
120 Series Hydraulic Cylinders	CTM120519
185 Series Hydraulic Cylinders	CTM114919
120 Series Hydraulic Cylinders	CTM114319
125 Series Hydraulic Cylinders	CTM109319
PowerTech 4.5L & 6.8L Diesel Engines Tier 3/Stage I, Tier 2/Stage II, Tier 3/Stage IIIA, Tier 3/Stage IIIA Tier 3/Stage III (Base Engine)	CTM104
JDLink/ZZLINK Machine Monitoring System	CTM10000

**PDF**  **DOWNLOAD** 

John Deere Construction and Forestry  
Printed by Indegreen

TM10688

**Covers:** 544K (SN. before 642664)

**Type:** Service Manual

**Language:** English

**Pages:** 1424

**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 (SN. before 642664)**

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.



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