

# John Deere 544E, 544E LL, 544E TC, 624E and 644E 4WD Loader Service Repair Technical Manual (tm1414)

## 750K Crawler Dozer Diagnostic

### OPERATION AND TEST MANUAL

Dozer models 750K

TM12266 10 MAR 16 (ENGLISH)

For complete service information also see:

750K Crawler Dozer Repair	TM12269
JDLink (MTG) Technical Manual	TM114519
120 Series Hydraulic Cylinders	CTM120519
6068 PowerTech OEM Diesel Engines Above 130kW (174 hp) (Interim Tier 4/Stage III B platform)	CTM104719



John Deere Construction and Forestry

**Covers:** 544E,624E,644E

**Type:** Service Manual

**Language:** English

**Pages:** 507

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

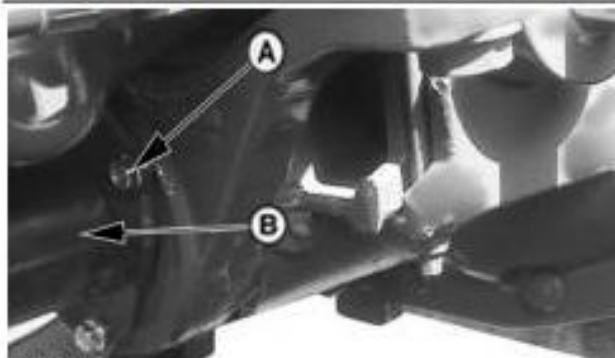
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 544E, 544E LL, 544E TC, 624E and 644E 4WD Loader Service Repair Technical Manual (tm1414)**

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...

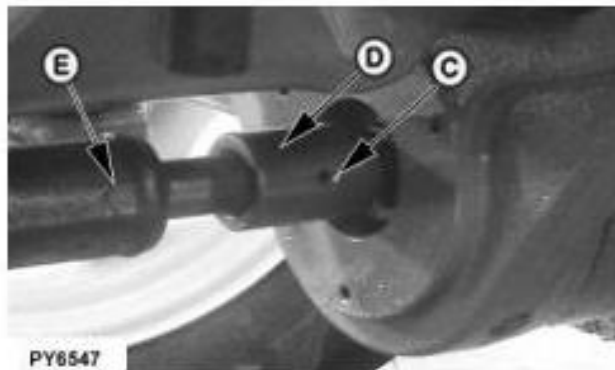
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.



PY6548

**LEGEND:**

A	Cap Screw
B	Cover
C	Cotter Pin
D	Coupler
E	Shaft



PY6547

If equipped with MFWD, remove three cap screws (A) and pull cover (B) in backward direction.

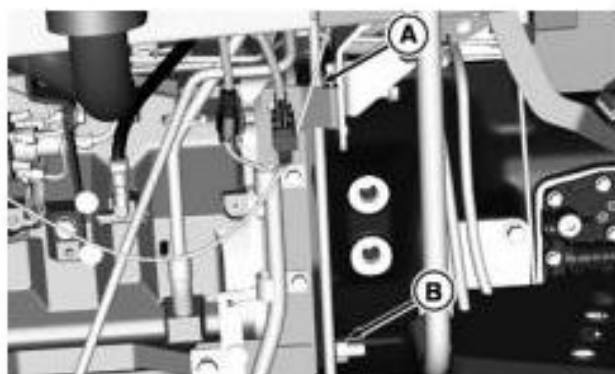
[25] - Remove cotter pin (C) , coupler (D), and shaft (E).

[26] - Install jack stand under transmission.

[27] -

**CAUTION:**

*If tractor is equipped with optional front weights, remove weights and weight bracket before removing any engine-to-clutch housing mounting hardware.*

**LEGEND:**

A	Cap Screw (4 used)
B	Nut (2 used)

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for your reading.  
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to get more information.