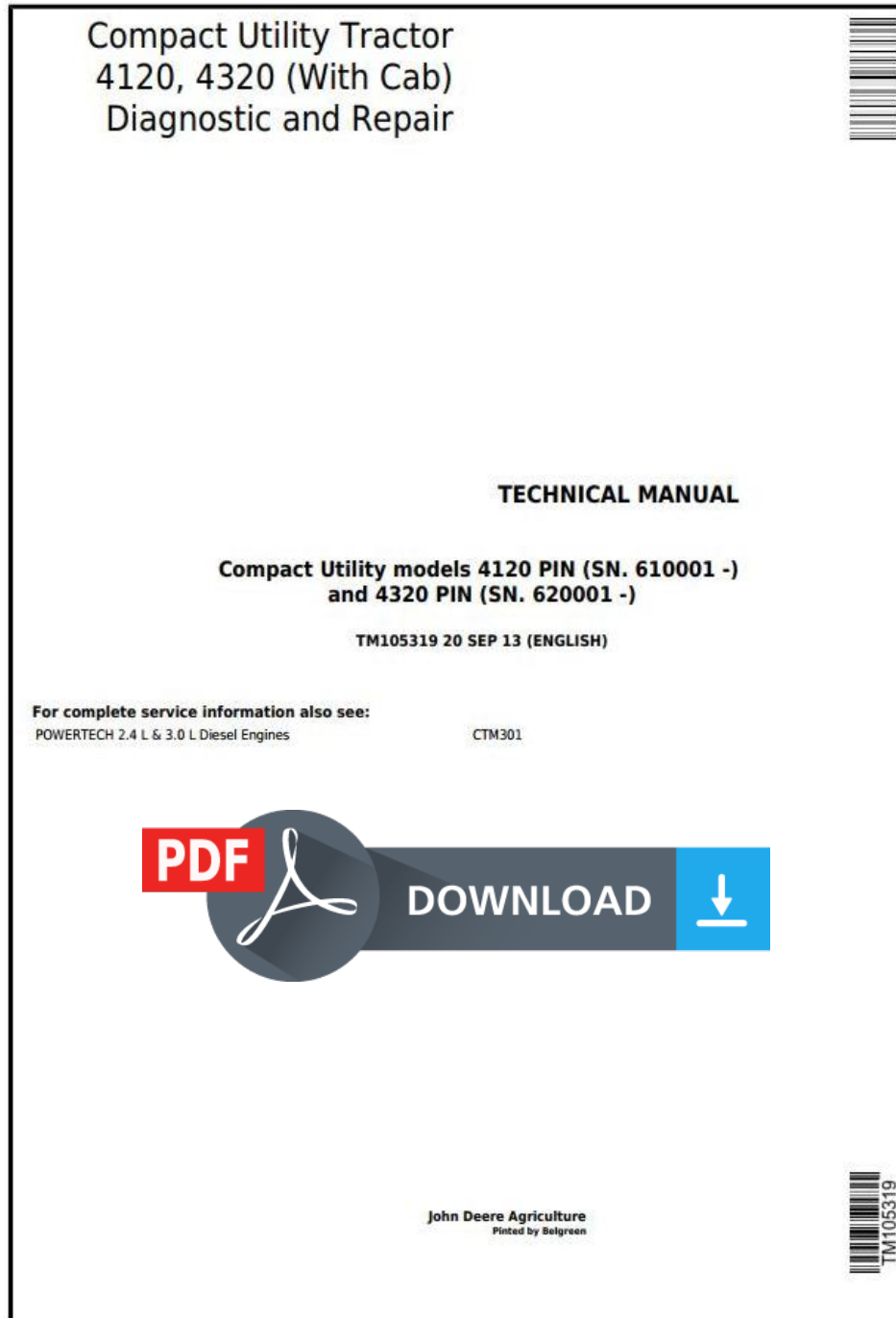


John Deere 4120, 4320 Compact Utility Tractors With Cab (SN. 610001-) Technical Service Manual (TM105319)



Covers: 4120,610001-),4320,620001-)

Type: Service Manual

Language: English

Pages: 1070

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 4120, 4320 Compact Utility Tractors With Cab (SN. 610001-) Technical Service Manual (TM105319)**

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...

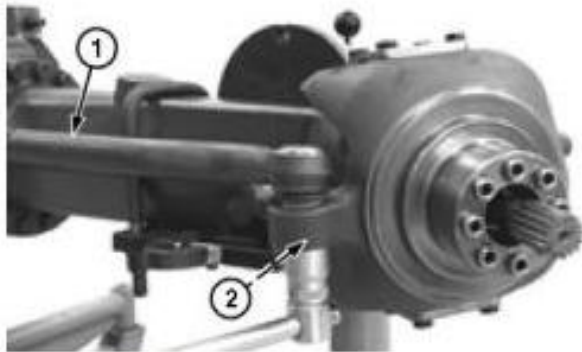
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

Wheel Hub Studs

Remove and inspect wheel hub studs (7). Replace as necessary.

Tie Rods Remove

[1] -

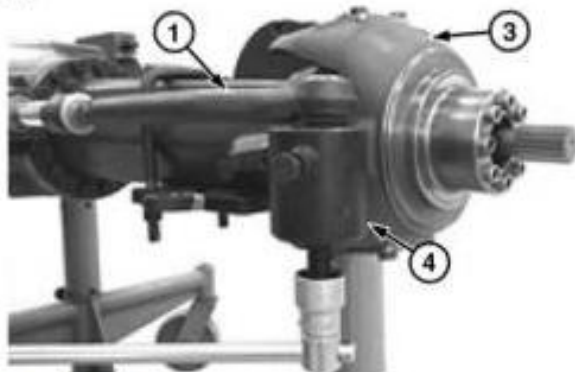
**LEGEND:**

- 1 Tie Rod
- 2 Lock Nut

Self-Locking Nut

Remove lock nut (2) from tie rod (1).

[2] -

**LEGEND:**

- 1 Tie Rod
- 3 Knuckle Housing
- 4 Tie Rod End Separating Tool

Tie Rod Out of Knuckle Housing

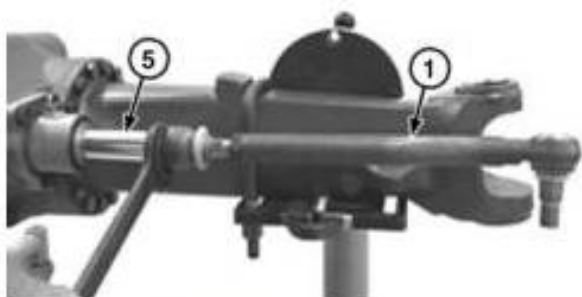
Remove tie rod (1) from knuckle housing (3) with tie rod end separating tool (4).

Tie Rod End Separating Tool

JDG10799

For separating tie rod end.

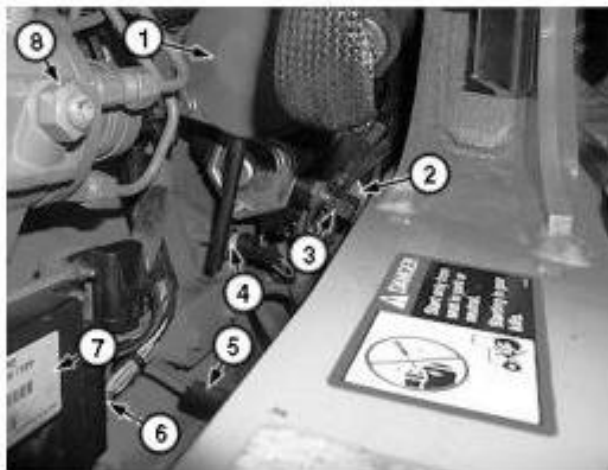
[3] -

**LEGEND:**

- 1 Tie Rod
- 5 Steering Cylinder Piston Rod

Tie Rod From Piston Rod Removal

Remove tie rod (1) from steering cylinder piston rod (5).

**LEGEND:**

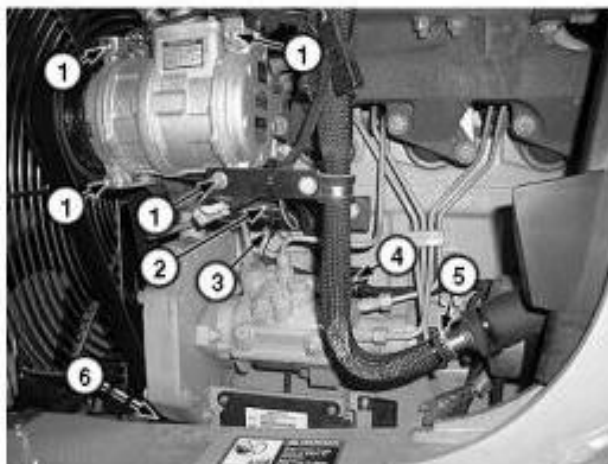
- 1 Starter Motor
- 2 Ground Strap-to-Starter Motor
- 3 Power Cables-to-Starter Motor
- 4 Engine Oil Pressure Switch Connector
- 5 Engine Control Unit (ECU) Unswitched Battery Power Connector
- 6 Engine Control Unit (ECU) Connector
- 7 Engine Control Unit (ECU)
- 8 Fuel Injection Pump

Starter Motor

Connect items (2 and 3).

[19] - Plug in connectors (4, 5 and 6).

[20] -

**LEGEND:**

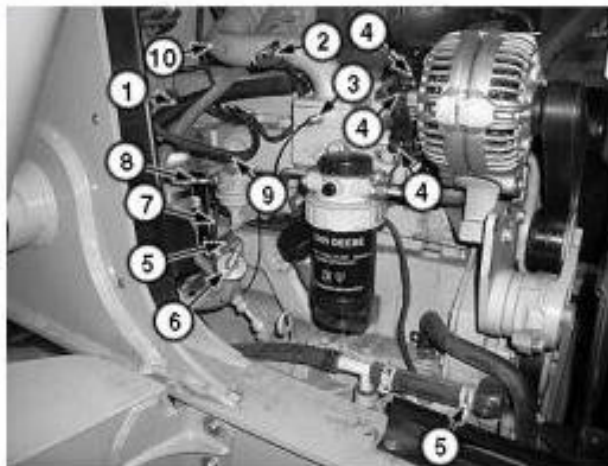
- 1 Air Conditioner Compressor Cap Screw (4 used)
- 2 Air Conditioner Compressor-to-Engine Wire Harness Connector (2 used)
- 3 Coolant Temperature Sensor Connector
- 4 Fuel Temperature Sensor Connector
- 5 Fuel Injection Pump Solenoid Connector
- 6 Crankshaft Position Sensor Connector

Left Side of Engine

Plug in connectors (3, 4, 5 and 6).

[21] - If equipped with air conditioning, connect air conditioner compressor-to-engine wire harness connectors (2).

[22] -

**LEGEND:**

- 1 Vent Hose
- 2 Air Intake Sensor Wire Connector
- 3 Starting Aid Hose (optional)
- 4 Alternator Connector (3 used)
- 5 Heater Hose (2 used)
- 6 Transmission Oil Fill Tube
- 7 Starting Aid Wire Connector (optional)
- 8 Fuel Hose
- 9 Engine Wire Harness
- 10 Air Intake Tube



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