

# John Deere 250D and 300D Articulated Dump Truck (SN.609166-626760) Diagnostic Service Manual (TM1160)

250D and 300D Articulated  
Dump Truck (SN.  
609166-626760)  
Diagnostic



## OPERATION AND TEST MANUAL

**Articulated Dump Trucks models 250D, 300D (SN. 609166—626760)**

TM1160 30 AUG 15 (ENGLISH)

**For complete service information also see:**

250D and 300D Articulated Dump Truck Repair	TM1161
JDLink (MTG) Technical Manual	TM114519
Alternators and Starting Motors	CTM77
OEM Engine Accessories	CTM67
PowerTech 9.0L O Series Engine IIIA Emissions Certified Base Engine	CTM400
PowerTech 6090 Diesel High Pressure Common Rail Fuel System	
Super Caddy Oil Cleanup Procedure	
PowerTech 6.8L and 8.1L, 6068 Series Engines Receiver's Electronic Fuel Systems with Bosch In-Line Pumps	CTM134
120 Series Hydraulic Cylinders	CTM120519
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COOLANT HEATER SERVICE MANUAL	CTM10090X19
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TM1160

**Covers:** 250D,609166-626760),300D,609166-626760)

**Type:** Service Manual

**Language:** English

**Pages:** 582

**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 250D and 300D Articulated Dump Truck (SN.609166-626760) Diagnostic Service Manual (TM1160)**

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.

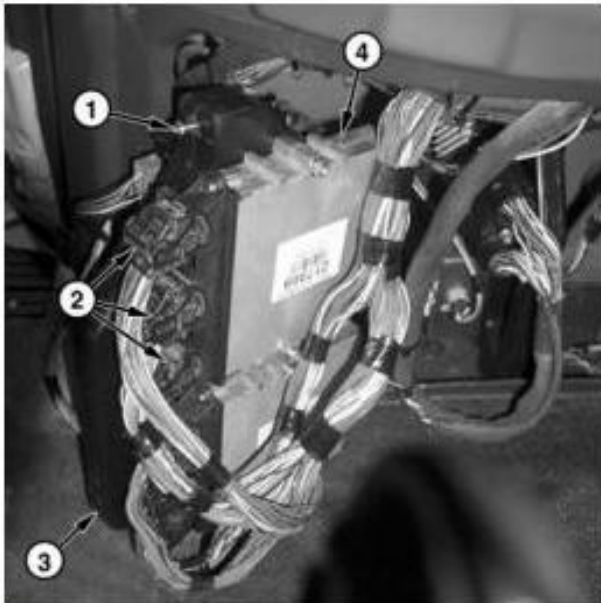
[8] - Install ECU and mounting plate as an assembly in controller compartment.

[9] - Install controller access panel.

[10] - Turn battery switch to ON position.

[11] - Turn key switch to ON position.

## Chassis Control Unit Remove and Install



### LEGEND:

- 1 Cap Screw and Washer
- 2 Electrical Connectors
- 3 Mounting Plate
- 4 Chassis Control Unit

### CCU

[1] - Turn key switch and battery disconnect switch to OFF position.

[2] - Remove controller access panel located under left console.

[3] - Remove cap screw and washer (1). Remove chassis control unit (CCU) (4) and mounting plate (3) as an assembly.

[4] - Disconnect electrical connectors (2).

[5] -



### LEGEND:

- 3 Mounting Plate
- 4 Chassis Control Unit
- 5 Cap Screws (2 used)

### CCU and Mounting Plate Assembly

Remove cap screws (5) to separate CCU (4) from mounting plate (3).

[6] - Repair or replace as necessary.



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to get more information.