

John Deere 250D, 300D Articulated Dump Truck (BELL SN: 200366-200536) Service Repair Manual (TM1951)

250D and 300D Articulated
Dump Truck BELL
(200366-200536) with Tier
1 Engine Repair



REPAIR TECHNICAL MANUAL

Articulated Dump Truck models 250D, 300D (SN: 200366-200536)

TM1951 04 FEB 15 (ENGLISH)

For complete service information also see:

250D and 300D Articulated Dump Truck BELL (SN: 200366-200536) with Tier1 Engine	TM1950
JDLink (MTG) Technical Manual	TM114519
PowerTech 8.1 L Diesel Engines Base Engine	CTM86
Alternators and Starting Motors	CTM77
OEM Engine Accessory Drive Components	
Super Caddy Oil Cooler	
PowerTech 8.1L Diesel Engine High Pressure Common Rail Fuel System	
PowerTech 6.8L and 8.1L, 6068 Series Engines (Levers) Electronic Fuel Systems with Bosch In-Line Pumps	CTM134
120 Series Hydraulic Cylinders	CTM120519
120 Series Hydraulic Cylinders	CTM114319
COOLANT HEATER SERVICE MANUAL	CTM10090X19
JDLink/ZXLink Machine Monitoring System	CTM10006

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John Deere Construction and Forestry
Printed by Belgreen



Type: Service Manual

Language: English

Pages: 691

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, 300D Articulated Dump Truck (BELL SN: 200366-200536) Service Repair Manual (TM1951)**

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.

32	Spool
33	Plug
34	O-Ring
35	Housing
36	Spool (2 used)
37	Plug (2 used)
38	O-Ring (2 used)
39	Spacer (2 used)

[1] - Disassemble valve as shown.

[2] -

IMPORTANT:

Replace all seals and O-rings. Old seals and O-rings will leak.

→NOTE:

Valve housing and main spool are a matched set. If either is found worn or damaged they must be replaced as a matched set.

Clean and inspect parts for wear or damage. Replace as necessary.

[3] -

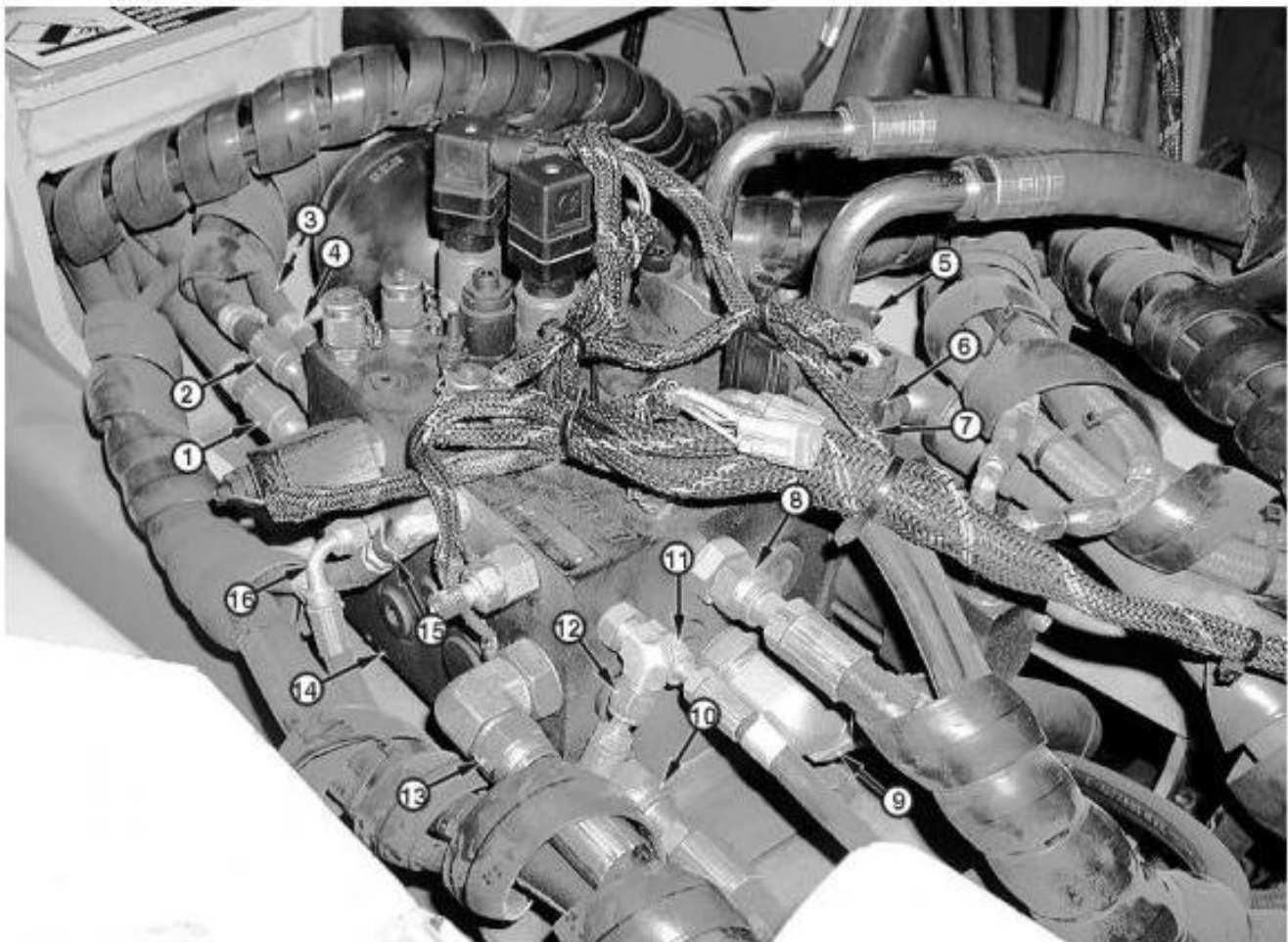
→NOTE:

Apply petroleum jelly to seals and O-rings before installation.

Apply clean hydraulic oil to all internal parts before assembling.

Assemble parts (1—39).

Remove and Install Hydraulic System Manifold





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