

John Deere 250D and 300D Articulated Dump Truck (BELL, DW) Service Repair Technical Manual (TM2116)

**6105J, 6140J,
6140JH, 6155J &
6155JH Tractors
Repair Mexican
Edition**

REPAIR TECHNICAL MANUAL

6140J, 6140JH, 6105J, 6155J, 6155JH (from November 2015)

TM609319 10NOV15 (ENGLISH)

For complete service information also see:

6105J, 6105JH, 6140J, 6140JH, 6155J &
6155JH Tractors Diagnostic Worldwide
Edition TM609419

Alternators and Starting Motors CTM77

PowerTech 4.5L and 6.8L Diesel Engines
Mechanical Fuel Systems CTM207

PowerTech 4.5 L and 6.8 L OEM Diesel --
Engines Level 4 Electronic Fuel Injection
With Bosch VP44 CTM170

PowerTech 4.5L
Tier 1/Stage I, Tier 2/Stage
3/Stage IIIA, Tier 3/Stage
III, (Base Engine)



John Deere Agriculture

Type: Service Manual

Language: English

Pages: 680

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 (BELL, DW) Service Repair Technical Manual (TM2116)**

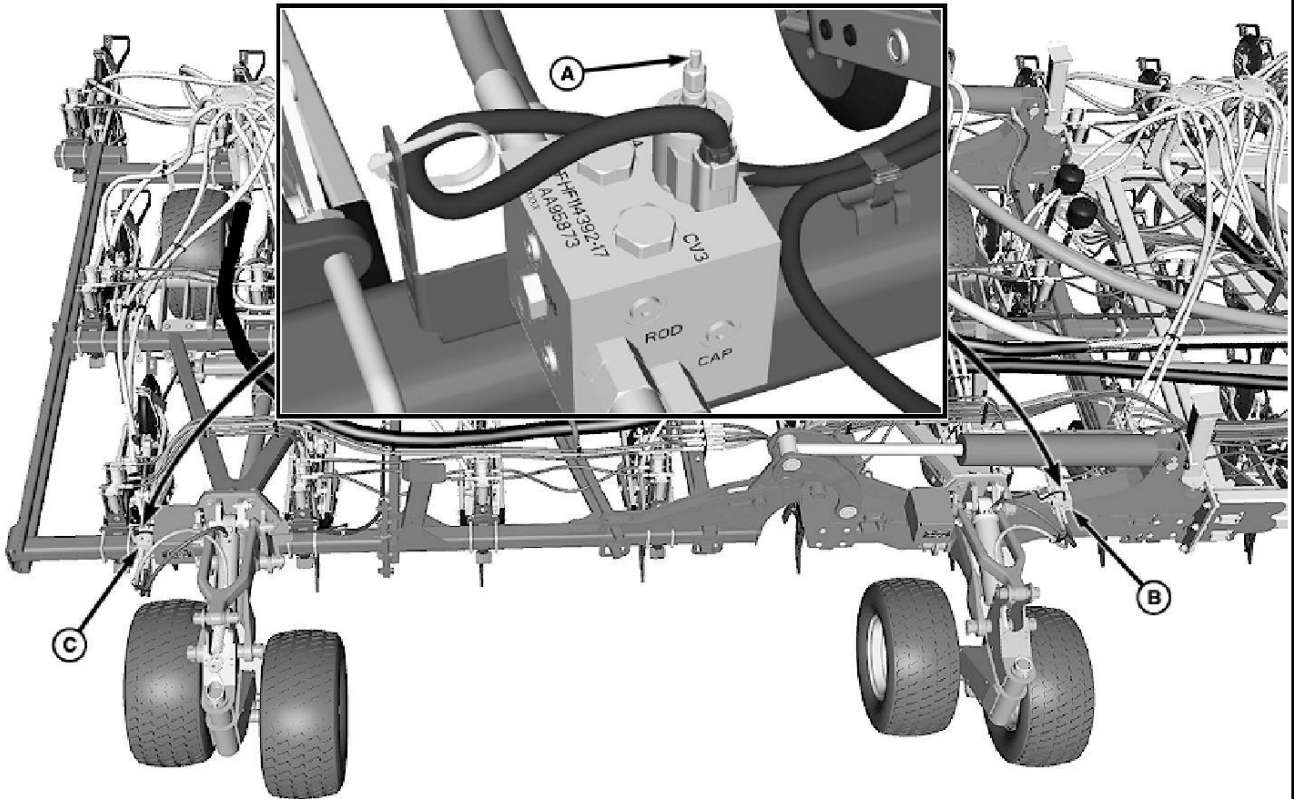
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

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.

Relieve Hydraulic Pressure—Wing Down Force Cylinders



1.

A97949-UN: Override Valve

LEGEND:

A-Override Knob (2 used)

B-Inner Wing Valve Block

C-Outer Wing Valve Block

Place appropriate service stands under wings.

2.  **CAUTION:**

Use extreme caution when opening override valves. Frame will lower causing possible crushing danger. Keep all hands, feet, tools, and any other item out from under frame and possible pinch points when opening override valves. Keep all bystanders clear of the area while opening valves. To minimize frame movement and settling, perform procedure on the inner wing, then outer wing

Pull and hold override knob (A) on the inner wing valve block (B) to allow oil pressure to be relieved.

3. Allow frame to settle.

4. Pull and hold override knob (A) on the outer wing valve block (C) to allow oil pressure to be relieved.

5. Once override knobs are released, spring pressure will return it to normal operation.

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