

John Deere 225DLC Excavator Service Repair Technical Manual (TM10085)

225DLC Excavator

REPAIR TECHNICAL MANUAL

225DLC

TM10085 30AUG15 (ENGLISH)

For complete service information also see:

225DLC Excavator Diagnostic	TM10082
Super Caddy Oil Cleanup Procedure	CTM310
JDLINK/ZXLINK Machine Monitoring System	CTM10006
JDG10274 Ultrasonic Undercarriage Measurement Gauge	CTM10001



John Deere Construction and Forestry

Type: Service Manual

Language: English

Pages: 590

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 225DLC Excavator Service Repair Technical Manual (TM10085)**

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...

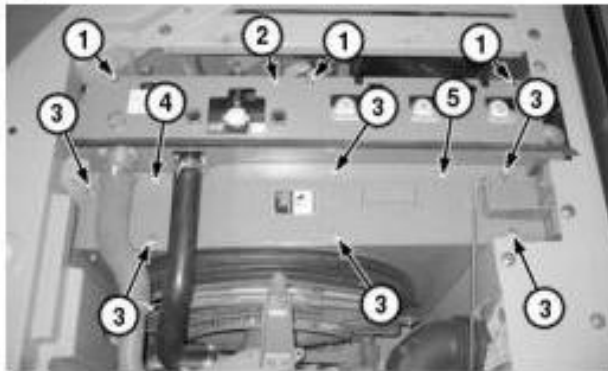
Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

[8] - Remove retaining pin and disconnect hood support rod (1).

[9] - Attach appropriate lifting device to hood.

[10] - Remove cap screws (2) and hood (3).

[11] -



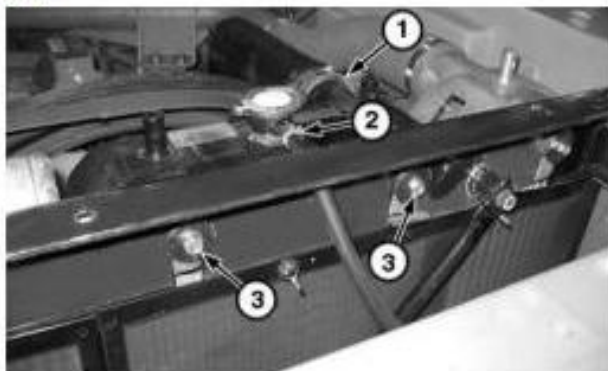
LEGEND:

- 1 Cap Screws
- 2 Cover
- 3 Cap Screws
- 4 Cover
- 5 Cover

Cooling Package Shields

Remove cap screws (1 and 3) and cover (2, 4 and 5).

[12] -



LEGEND:

- 1 Upper Radiator Hose
- 2 Overflow Hose
- 3 Mounting Cap Screws (2 used)

Upper Radiator

Loosen clamp and disconnect upper radiator hose (1) from radiator.

[13] - Disconnect overflow hose (2).

[14] - Attach suitable lifting device to radiator.

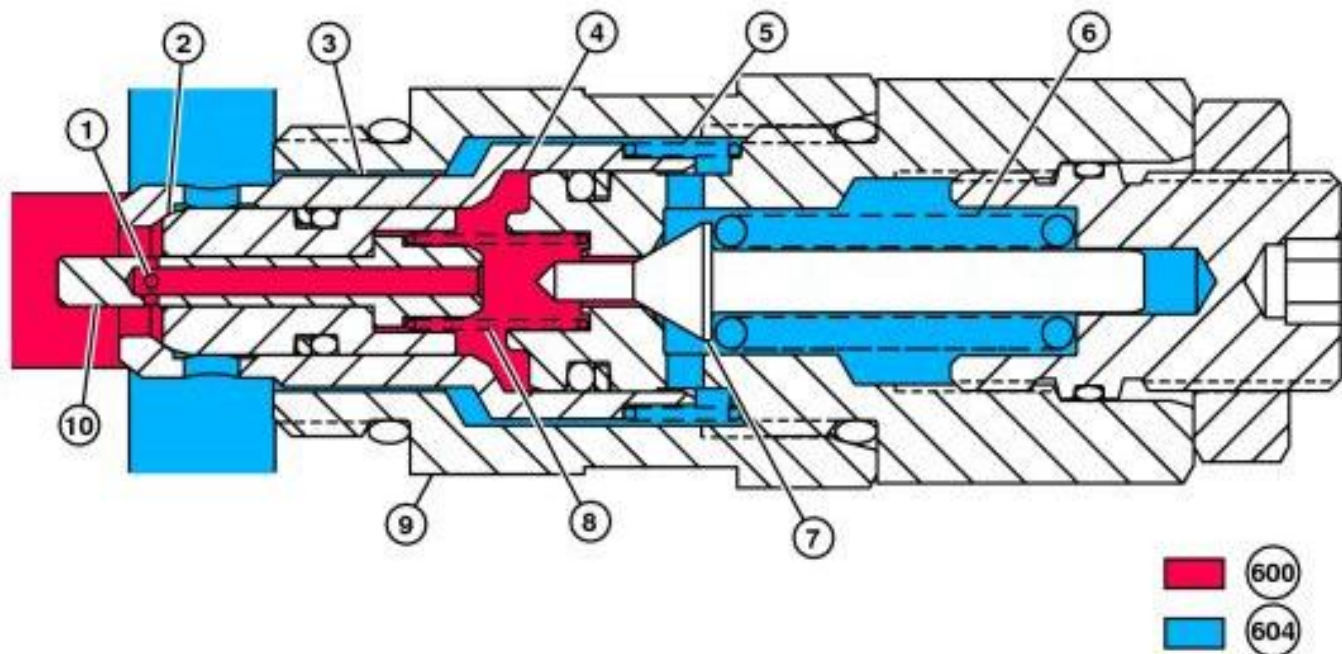
[15] -

IMPORTANT:

Avoid damage to radiator drain when removing. Lift radiator upward and then toward engine until radiator is clear of cooling package mounting frame. Screen may be removed or set aside to provide additional clearance if needed by removing wing nuts at top of screen.

Remove upper mounting cap screws (3) and radiator.

Circuit Relief Valve with Anticavitation—Backhoe Bucket Curl and Loader Bucket Dump



TX1101099

Circuit Relief Valve with Anticavitation—Backhoe Bucket Curl and Loader Bucket Dump

LEGEND:

1	Orifice
2	Main Poppet
3	Anticavitation Poppet
4	Oil Cavity
5	Anticavitation Spring
6	Pilot Spring
7	Pilot Poppet
8	Main Spring
9	Relief Body
10	Piston
600	High Pressure Oil
604	Return Oil

This pilot operated and screw adjustable relief valve has anticavitation operation.

The relief valve setting is cont-



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