

John Deere 3754D Log Loader Diagnostic, Operation and Test Service Manual (TM10335)

3754D Log Loader
Diagnostic

JOHN HARE

COLLECTION

OPERATION AND TEST MANUAL
Log Loader models 3754D
TM10335 10 MAR 16 (ENGLISH)

For complete service information also see:

JDLink (MTG) Technical Manual	TM114519
3754D Log Loader Repair	TM10423
PowerTech 9.0L OEM Diesel Engines 6090 Tier 3 / Stage IIIA Emissions Certified Base Engine Repair	CTM400
PowerTech 6090 Diesel Engines 6090 Fuel System with the Denso High Pressure Common Rail Fuel System	CTM385
Super Caddy Oil Cooler	

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John Deere Construction and Forestry
Printed by Belgroen

TM10335

Covers: 3754D

Type: Service Manual

Language: English

Pages: 868

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 3754D Log Loader Diagnostic, Operation and Test Service Manual (TM10335)**

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.

[10] - Install information controller (ICX).

[11] - Install rear cover. [See Rear Cover Remove and Install—Side Entry Cab.](#) (Group 9015-20.)

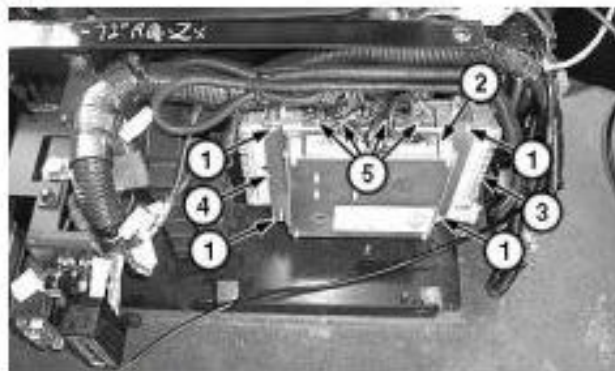
[12] - Connect battery ground (-) cable.

Main Controller (MCX) Remove and Install—Rear Entry Cab

[1] - Disconnect battery ground (-) cable.

[2] - Remove rear cover. [See Rear Cover Remove and Install—Rear Entry Cab.](#) (Group 9015-20.)

[3] -



LEGEND:

- 1 Screw (4 used) and Washer (4 used)
- 2 Information Controller (ICX)
- 3 Main Controller (MCX)
- 4 Mounting Bracket
- 5 Electrical Connectors

Main Controller

Remove information controller (ICX) (2). [See Information Controller \(ICX\) Remove and Install—Rear Entry Cab.](#) (Group 9015-20.)

[4] - Disconnect electrical connectors (5).

[5] - Remove screws and washers (1).

[6] - Remove mounting bracket (4) and main controller (3).

[7] - Repair or replace parts as necessary.

[8] - Install main controller (MCX).

[9] - Connect electrical connectors.

[10] - Install information controller (ICX). [See Information Controller \(ICX\) Remove and Install—Rear Entry Cab.](#) (Group 9015-20.)

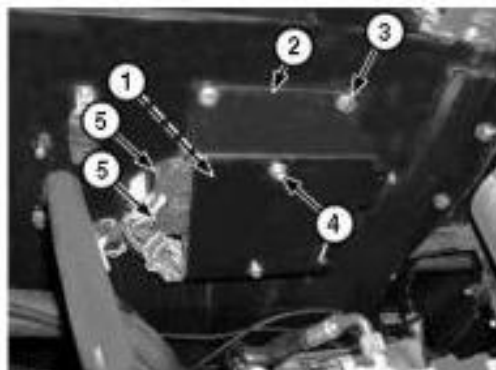
[11] - Install rear cover. [See Rear Cover Remove and Install—Rear Entry Cab.](#) (Group 9015-20.)

[12] - Connect battery ground (-) cable.

Engine Control Unit (ECU) Remove and Install

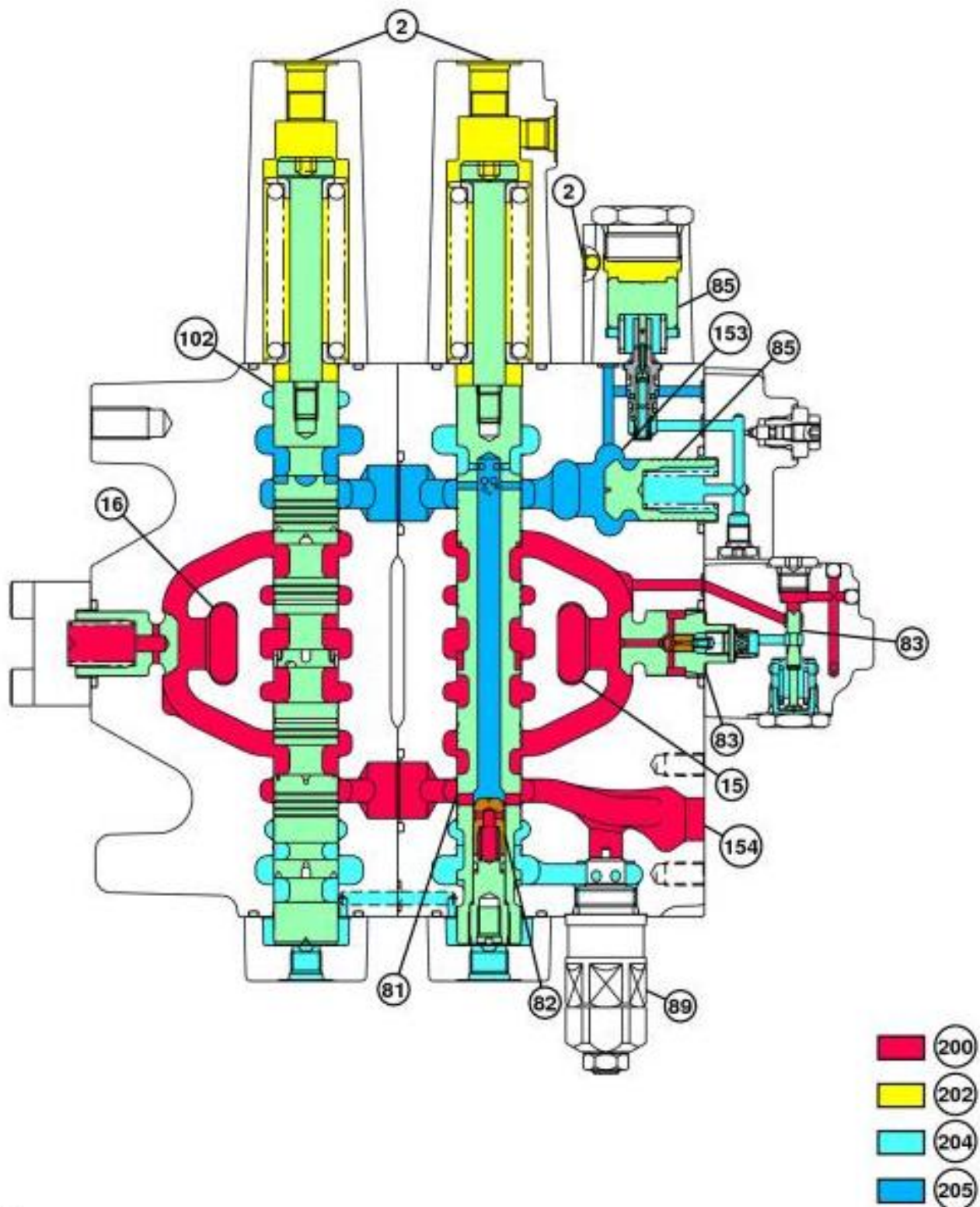
[1] - Disconnect battery ground (-) cable.

[2] -



LEGEND:

- 1 Engine Control Unit (ECU)
- 2 Mounting Bracket
- 3 Cap Screw (4 used)
- 4 Cap Screw (2 used)
- 5 Electrical Connectors



TX1020771

Boom Regenerative Valve Circuit Cross Section**LEGEND:**

2	Boom Down (pilot)
15	Pump 1 Supply Oil
16	Pump 2 Supply Oil
81	Boom 1 Spool
82	Boom Regenerative Valve
83	Boom Flow Rate Control Valve (switch valve and poppet)



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