

John Deere 4005 Compact Utility Tractor Diagnostic and Repair Technical Manual (tm103019)

2454D Log Loader
Diagnostic

JOHN HARE

COLLECTION

OPERATION AND TEST MANUAL
Log Loader models 2454D
TM10327 04 MAR 16 (ENGLISH)

For complete service information also see:

JDLINK (MTG) Technical Manual	TM114519
2454D Log Loader Repair	TM10419
PowerTech 4045, 6068 Diesel Engine Level 14 Electronic Fuel System with the Denso High Pressure Common Rail (HPCR) Level 14 ECU	CTM320
Super Caddy Oil Cooler	CTM310
PowerTech 4.5L & 5.8L Diesel Engines, Tier 3/Stage II	

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John Deere Construction and Forestry
Printed by Belgreen



Type: Service Manual

Language: English

Pages: 452

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 4005 Compact Utility Tractor Diagnostic and Repair Technical Manual (tm103019)**

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.)

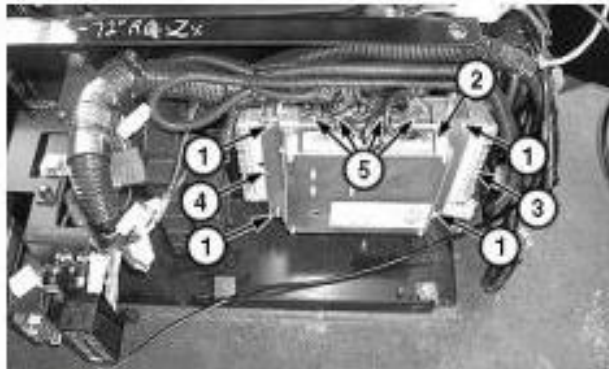
[12] - Connect battery ground (-) cable.

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.](#) (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.](#) (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.](#) (Group 9015-20.)

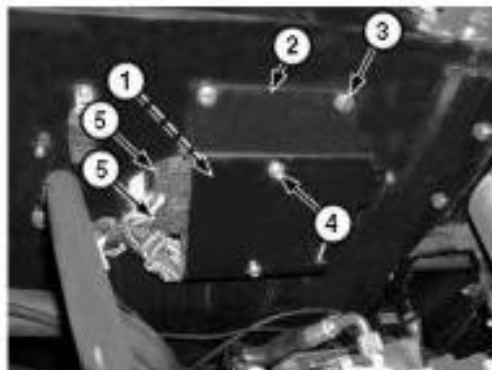
[11] - Install rear cover. [See Rear Cover Remove and Install—Rear Entry.](#) (Group 9015-20.)

[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

Engine Control Unit (ECU) Remove and Install



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to get more information.