

John Deere 310L Backhoe Loader (SN. from 273920) Service Repair Technical Manual (TM13292X19)

210LE Landscape Loader
(SN. before 888003) Repair

JOHN HARE

COLLECTION

REPAIR TECHNICAL MANUAL
models 210LE (SN. -888003)
TM1692 21 SEP 13 (ENGLISH)

For complete service information also see:

210LE Landscape Loader	TM1691
Alternators and Starting Motors	CTM77
Front Wheel Drive Axles, AS and MS-Series	CTM4687
PowerTech 4.5L & 6.8L Diesel Engines Level 12 Electronic Fuel System With Stanadyne DE10 Pump	CTM331
Super Caddy Oil C	
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John Deere Construction and Forestry
Printed by Belgreen

TM1692

Covers: 310L,1T0310LX**C273920-;,1T0310LX**D273920-)

Type: Service Manual

Language: English

Pages: 722

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 310L Backhoe Loader (SN. from 273920) Service Repair Technical Manual (TM13292X19)**

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.

Remove Outer Components to Disassemble Manual Shift Transmission

→NOTE:

Bearing cups in transmission case can either be a loose or tight fit. If not replacing bearing cones or cups, make sure to keep them together as a matched set. Mark or identify these items as needed.

[1] -



Transmission Support Bracket

Attach transmission to D01003AA stand using [DFT1143](#)

[Transmission Support Bracket Fabricated tool, dealer made. (See Group 9900 for instructions to make tool.)]

(1).

Stand

D01003AA

Used to support transmission during repair.

Transmission Support Bracket

[DFT1143 Fabricated tool, dealer made. (See Group 9900 for instructions to make tool.)]

Used to attach transmission to D01003AA stand.

[2] -



LEGEND:

- 1 Control Valve
- 2 Charge Pump
- 3 Manifold Plate
- 4 Solenoid (3 used with MFWD) (2 used without MFWD)

Control Valve/Charge Pump/Manifold Plate

Remove the following components:

- a. Charge pump (2). [See Remove and Install Transmission Charge Pump—Manual Shift](#) in Group 0360.
- b. Control valve (1). [See Remove and Install Control Valve—Manual Shift](#) in Group 0360.

→NOTE:

To repair charge pump, [see Disassemble and Assemble Transmission Charge Pump—Manual Shift and Power Shift](#) in Group 0360.

To repair control valve, [see Disassemble and Assemble Control Valve—Manual Shift](#) in Group 0360.



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