

John Deere WL56 (SN. D000001-) 4WD Loader Operation & Test Technical Service Manual (TM14283X19)

803M and 853M (Open-
Loop Hydraulic drive)
Tracked Feller Buncher
(SN. from 270423)
Diagnostic



OPERATION AND TEST MANUAL

Tracked models 803M (PIN: 1T0803MX_C270423— ; 1T0803MXD270423—);
853M (PIN: 1T0853MX_C270423— ; 1T0853MX**D270423—)**

TM13147X19 28 JAN 16 (ENGLISH)

For complete service information also see:

803M, 853M, and 859M Tracked Feller Buncher Repair

TM13243X19

JDLink (MTG) Technical Manual

TM114519

Alternators and Starting Motors

CTM77

Pump Drive Service

CTM57

PowerTech 9.0L O

Certified Base Eng

PowerTech 6090 Diesel Engi

High Pressure Common Rail (

120 Series Hydraulic Cylinders

CTM120519

COOLANT HEATER SERVICE MANUAL

CTM10090X19

PDF



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John Deere Construction and Forestry
Printed by Belgreen



Covers: WL56,1YNWL56_

Type: Service Manual

Language: English

Pages: 347

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 WL56 (SN. D000001-) 4WD Loader Operation & Test Technical Service Manual (TM14283X19)**

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.

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The diagram shows the following connections:

- B49** (6-pin connector) is connected to **P200 RED** at terminal **X607** (pin 1).
- B48** (6-pin connector) is connected to **P200D RED** at terminal **X607** (pin 4).
- A9** (16-pin connector) is connected to **P200E RED** at terminal **C3** and **P200C RED** at terminal **K1**.
- The central junction point is connected to **X609** (pin 1), **X606** (pin 1), **X603** (pin 1), **X608** (pin 1), **X605** (pin 1), and **X601** (pin 1).
- X609**, **X606**, and **X603** are connected to **P200A RED** at terminal **4**.
- X608**, **X605**, and **X601** are connected to **P200B RED** at terminal **4**.
- B1** and **B2** (6-pin connectors) are connected to the **P200A RED** and **P200B RED** terminals respectively.

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LEGEND:

A9	Hydraulic Motor Controller (HMC)
A9—C3	Supply
A9—K1	Supply
B1	Left Motor Speed Sensor
B2	Right Motor Speed Sensor
B48	Pitch Level Sensor
B49	Roll Level Sensor
X601	Left Travel Motor Harness Connector 1
X603	Right Travel Motor Harness Connector 1
X605	Left Travel Motor Harness Connector 2
X606	Right Travel Motor Harness Connector 2
X607	Leveling Position Sensor Harness Connector
X608	Left Travel Motor Harness Connector 3
X609	Right Travel Motor Harness Connector 3

- Stop Indicator

- None

- See [Travel Control Circuit Theory of Operation](#). (Group 9015-15.)

- [See Hydraulic Motor Controller \(HMC\) Harness \(W43\) Component Location](#) . (Group 9015-10.)
- [See Left and Right Travel Motor Interface Harnesses \(W45 and W46\) Component Location](#) . (Group 9015-10.)
- [See Left Travel Motor Harness \(W47\) Component Location](#) . (Group 9015-10.)
- [See Right Travel Motor Harness \(W48\) Component Location](#) . (Group 9015-10.)

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to get more information.