

# John Deere 859MH (SN. F293917-, L343918-) Harvesters (Closed-Loop) Diagnostic Manual (TM14097X19)

## 1050K Crawler Dozer Repair

### REPAIR TECHNICAL MANUAL

Dozer models 1050K ( PIN: 1T01050K\_ F268234-)

TM13097X19 04 MAR 16 (ENGLISH)

For complete service information also see:

1050K Crawler Dozer Diagnostic	TM13096X19
JDLink (MTG) Technical Manual	TM114519
120 Series Hydraulic Cylinders	CTM120519
6135 PowerTech Diesel Engine (Final Tier 4/Stage IV platform) Level 32 ECU	CTM119919



John Deere Construction and Forestry

**Type:** Service Manual

**Language:** English

**Pages:** 995

**Format:** PDF

**Features:** Bookmarked, searchable, printable

**Compatibility:** Windows/Mac/Tablet/Mobile

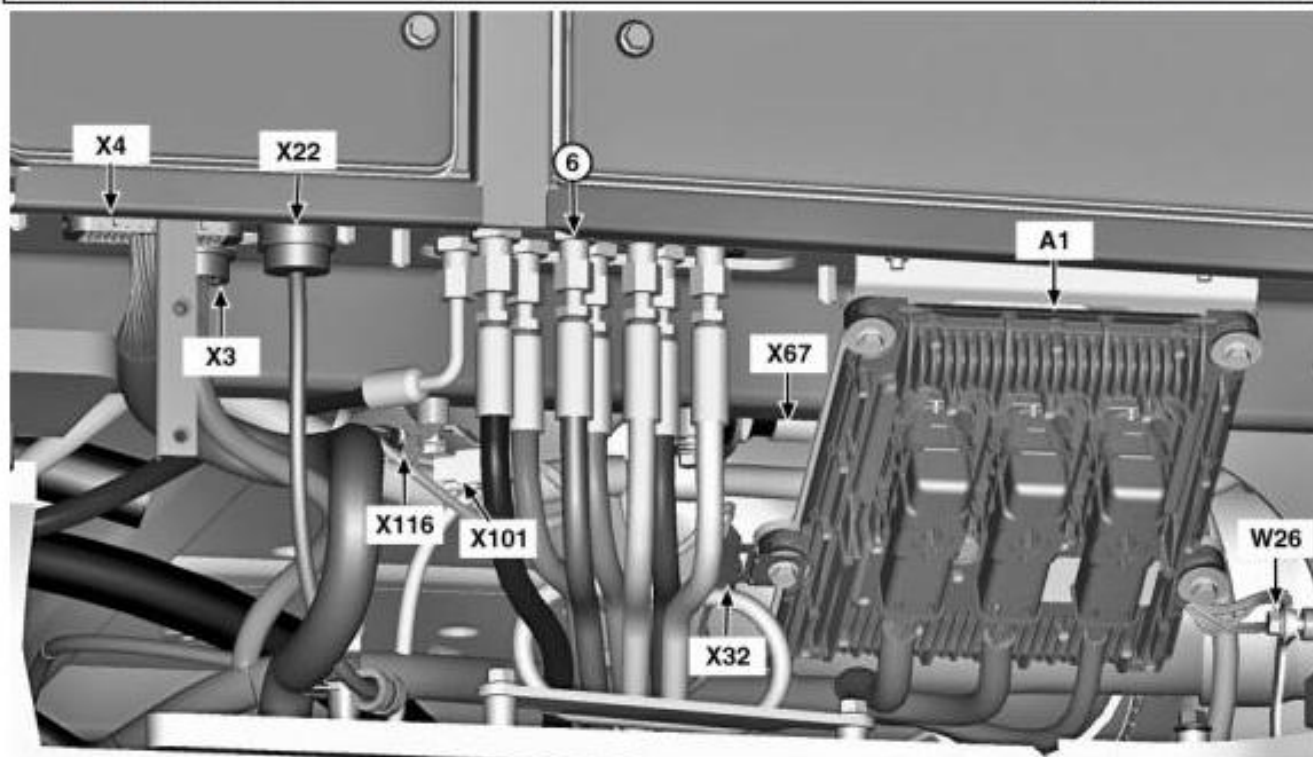
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 859MH (SN. F293917-, L343918-) Harvesters (Closed-Loop) Diagnostic Manual (TM14097X19)**

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
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- 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.



### Right Side of Cab

#### LEGEND:

- 6 Pilot Control Hydraulic Lines (8 used)
- A1 Engine Control Unit (ECU)
- W26 Ground at Right Front Cab Leg
- X3 Load Center Harness-to-Engine Interface Harness 31-Pin Connector
- X4 Load Center Harness-to-Engine Frame Harness 70-Pin Connector
- X22 Load Center Harness-to-Transmission Harness 23-Pin Connector
- X32 Load Center Harness-to-Engine Interface Harness CAN 1 Connector
- X67 Load Center Harness-to-Loader Frame Harness 31-Pin Connector
- X101 Load Center Harness-to-Radar Object Detection Harness 6-Pin Connector (if equipped)
- X116 ROD Harness-to-Load Center Harness 3-Pin CAN Connector (if equipped)

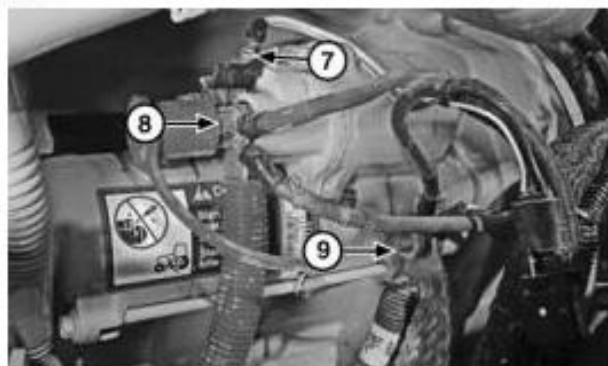
Tag and disconnect pilot control hydraulic lines (6). Close all openings using caps and plugs.

[13] - Remove ECU (A1) with mounting bracket.

[14] - Disconnect ground at right front cab leg (W26).

[15] - Disconnect electrical connectors (X3, X4, X22, X32, X67, X101, and X116).

[16] -



#### LEGEND:

- 7 White Wire on Starter Solenoid (2 used)
- 8 Red Wire on Starter Solenoid (3 used)
- 9 Black Wire on Starter Motor Body (2 used)

### Starter Motor

Tag and disconnect wires (7–9) from load center harness (W3) to starter motor. [See Load Center Harness \(W3\) Component Location.](#) (Group 9015-10.)

[17] -



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