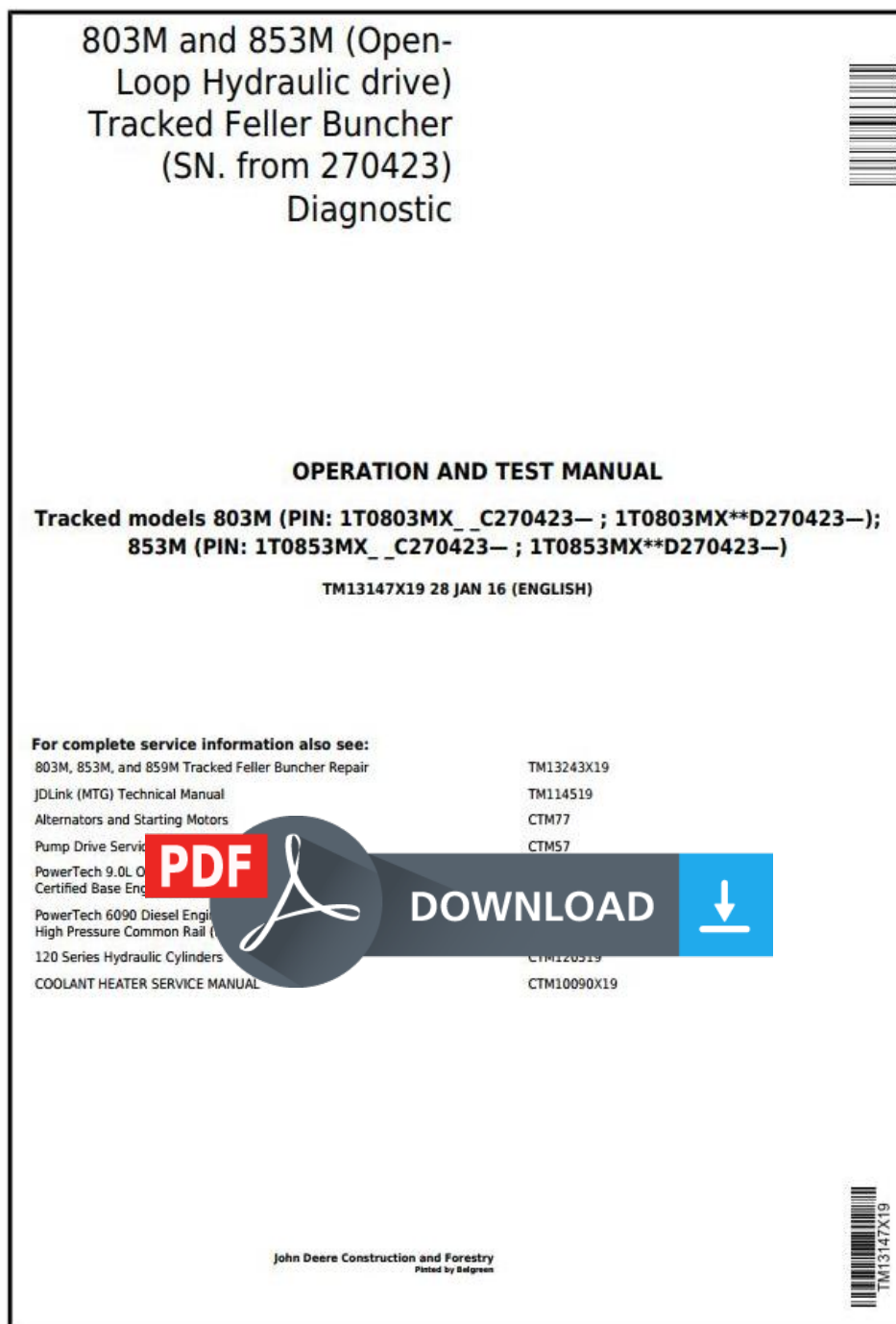


# John Deere 803M, 853M (Open-Loop Hyd.driv) Feller Buncher (SN.270423-) Diagnostic Manual (TM13147X19)



**Covers:** 803M,1T0803MX\_,\_C270423,1T0803MX\*\*D270423

**Type:** Service Manual

**Language:** English

**Pages:** 1140

**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 803M, 853M (Open-Loop Hyd.drv) Feller Buncher (SN.270423-) Diagnostic Manual (TM13147X19)**

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:**

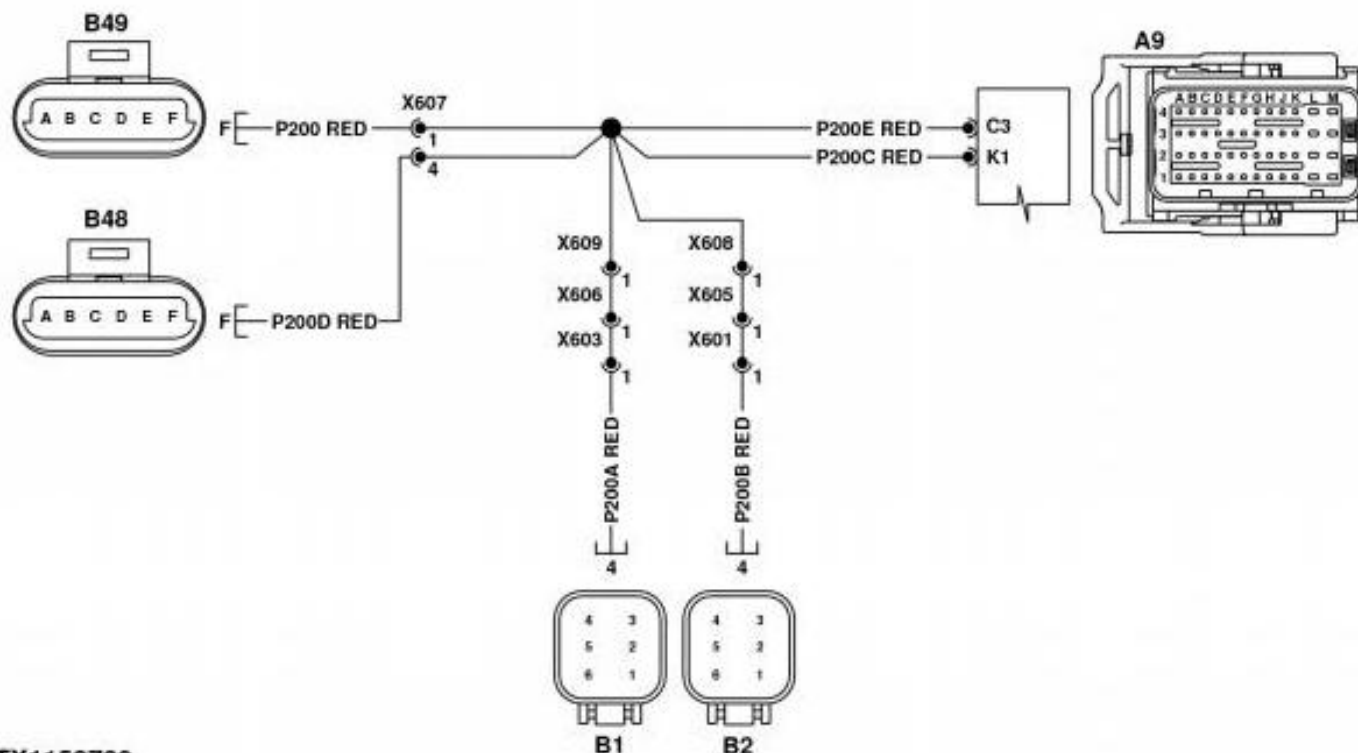
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Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

**001084.03- Platform Pitch Sensor**

456

Sensor supply 5-volt reference signal is above 5.45 volts.



TX1152739

**Hydraulic Motor Controller (HMC) Sensor Supply Circuit Schematic****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

**Alarm Level:**

- Stop Indicator

**Machine Response:**

- None

**Circuit Information:**

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

**Component Location:**

- [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.)

**JDG10273 Diagnostic Test Box Information:**



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