

# John Deere 848L-II and 948L-II Skidders Operation & Test Technical Manual (TM14339X19)

## 848L-II and 948L-II Skidders Diagnostic

PIN: 1DW848L\_\_\_C690814—  
PIN: 1DW948L\_\_\_C690814—  
PIN: 1DW848L\_\_\_D690814—  
PIN: 1DW948L\_\_\_D690814—



JOHN HARE



COLLECTION

### OPERATION & TEST TECHNICAL MANUAL

#### 848L-II and 948L-II Skidders

(PIN: 1DW848L\_\_\_C690814—; PIN: 1DW948L\_\_\_C690814—;  
PIN: 1DW848L\_\_\_D690814—; PIN: 1DW948L\_\_\_D690814—)  
TM14339X19 30NOV19 (ENGLISH)

For complete service

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TeamMate V 1400 Series Inboard Planetary Axles.....	dm143819
40 and 4500 Winches.....	dm20
60 and 6500 Winches.....	dm41

Worldwide Construction and Forestry Division

**Type:** Service Manual

**Language:** English

**Pages:** 978

**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 848L-II and 948L-II Skidders Operation & Test Technical Manual (TM14339X19)**

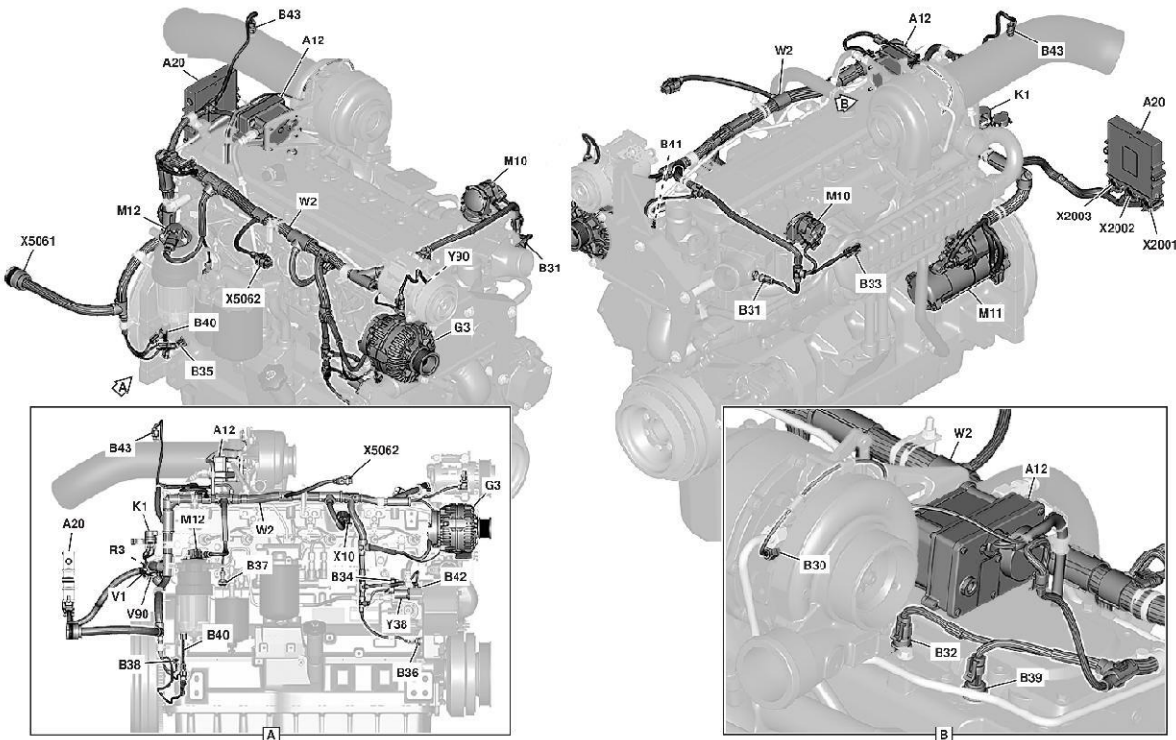
In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

### **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.

Engine Model 6090HDW23



TX1258115

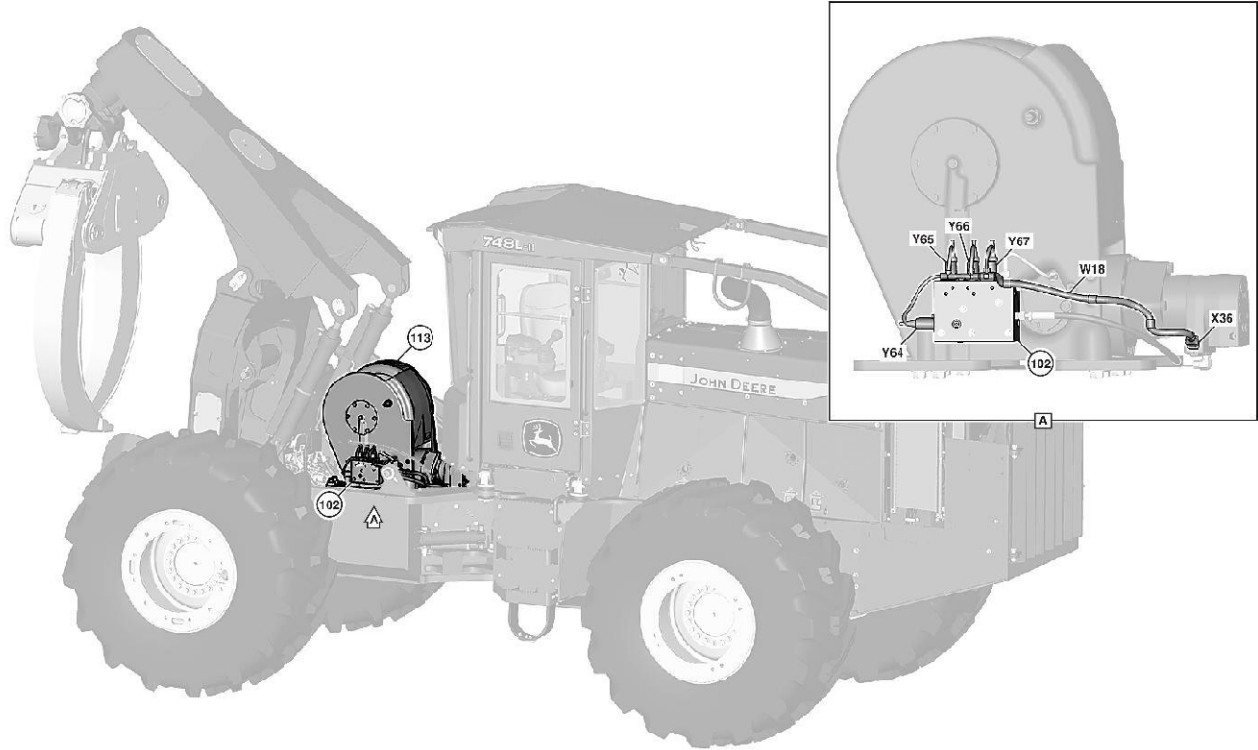
TX1258115-UN: Engine Harness (W2) Component Location (engine model 6090HDW23)

LEGEND:

- |   |   |   |
|---|---|---|
| <b>A12-Variable Geometry Turbocharger (VGT) Actuator</b>                | <b>B39-Intake Manifold Pressure Sensor</b>                  | <b>W2-Engine Harness</b>  |
| <b>A20-Engine Control Unit (ECU)</b>                                    | <b>B40-Water-in-Fuel (WIF) Sensor</b>                       | <b>X10-Fuel Injector Harness Connector</b>                        |
| <b>B30-Variable Geometry Turbocharger (VGT) Speed Sensor</b>            | <b>B41-Coolant Temperature Sensor</b>                       | <b>X2001-Engine Control Unit (ECU) Connector 1</b>                |
| <b>B31-Exhaust Gas Recirculation (EGR) Fresh Air Temperature Sensor</b> | <b>B42-Fuel Temperature Sensor</b>                          | <b>X2002-Engine Control Unit (ECU) Connector 2</b>                |
| <b>B32-Intake Air Temperature Sensor</b>                                | <b>B43-Turbocharger Compressor Inlet Temperature Sensor</b> | <b>X2003-Engine Control Unit (ECU) Connector 3</b>                |
| <b>B33-Exhaust Gas Recirculation (EGR) Exhaust Temperature Sensor</b>   | <b>G3-Alternator</b>  | <b>X5061-Engine Frame Harness-to-Engine Harness Connector</b>     |
| <b>B34-Fuel Rail Pressure Sensor</b>                                    | <b>K1-Starter Relay</b>                                     | <b>X5062-Engine Harness-to-Engine Accessory Harness Connector</b> |
| <b>B35-Crankshaft Position Sensor</b>                                   | <b>M10-Exhaust Gas Recirculation (EGR) Valve</b>            | <b>Y38-High-Pressure Fuel Solenoid</b>                            |
| <b>B36-Camshaft Position Sensor</b>                                     | <b>M11-Starter Motor</b>                                    | <b>Y90-Air Conditioner Compressor Clutch Solenoid</b>             |
| <b>B37-Fuel Pressure Sensor</b>   | <b>M12-Fuel Transfer Pump</b>                               |   |
| <b>B38-Engine Oil Pressure Sensor</b>                                   | <b>R3-Alternator Excitation Resistor</b>                    |   |
|   | <b>V1-Starter Relay Diode</b>                               |   |
|   | <b>V90-Air Conditioner Compressor Clutch Solenoid Diode</b> |   |

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**6000 Series Winch**



TX1257825

TX1257825-UN: 6000 Series Winch Harness (W18) Component Location

**LEGEND:**

**102-Winch Valve**

**113-Winch**

**W18-Winch Harness**

**X36-Equipment Frame Interface Harness-to-Winch Harness Connector**  
**Y64-Winch Speed Select Solenoid**

**Y65-Winch Free Spool Solenoid**  
**Y66-Winch Brake Solenoid**  
**Y67-Winch Clutch Solenoid**

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Thank you very much  
for your reading.  
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