

# John Deere Tractors 6090MC, 6090RC, 6100MC, 6100RC, 6110MC, 6110RC Diagnostic Service Manual (TM406519)

**2700, 2800  
and 2900  
Tractors**



JOHN DEERE



**Covers:** 6110RC,6100RC,6090RC,6110MC,6100MC,6090MC

**Type:** Service Manual

**Language:** English

**Pages:** 4262

**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 Tractors 6090MC, 6090RC, 6100MC, 6100RC, 6110MC, 6110RC Diagnostic Service Manual (TM406519)**

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.

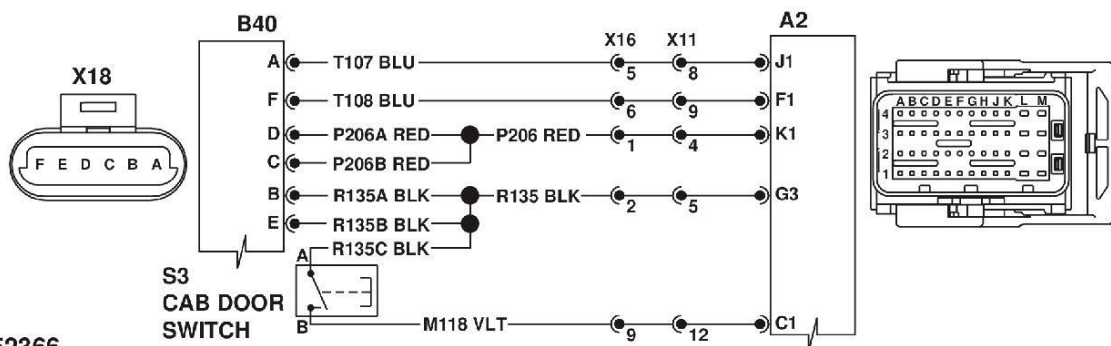
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Please note this manual is in **downloadable PDF format only**. If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.

## 002734.04— RH Pedal Signal A

Right-hand travel pedal signal A (T107 BLU) is shorted to ground or open.



TX1152366

TX1152366-UN: Right Travel Pedal Circuit Schematic

**LEGEND:**

A2—J1-Signal

A2—C1-Signal

A2—F1-Signal

A2—G3-Return

A2—J1-Signal

A2—K1-Supply

B40-Right Travel Pedal Sensor

S3-Cab Door Switch

X11-Seat Harness-to-Right Console Harness Connector

X16-Travel Pedal Harness Connector

X18-Right Travel Pedal Connector

**Alarm Level:**

Amber Warning Lamp

**Code-Induced Condition:**

Limp Mode Activated (if enabled) (if both signals A and B have malfunctioned then right pedal is forced to neutral state)

**Circuit Information:**

[See Travel Control Circuit Theory of Operation.](#) (Group 9015-05.)

**Component Location:**

[See Right Console Harness \(W9\) Component Location.](#) (Group 9015-10.)

[See Travel Pedal Harness \(W10\) Component Location.](#) (Group 9015-10.)

[See Seat Harness \(W13\) Component Location.](#) (Group 9015-10.)

**Diagnostic Test Box Information:**

Not Applicable

**Additional References:**

Intermittent DTCs: [See Intermittent Diagnostic Trouble Code \(DTC\) Diagnostics.](#) (Group 9015-15.)

Service ADVISOR™ Remote: [See Service ADVISOR™ Remote \(SAR\) Connection Procedure.](#) (Group 9015-15.)

**Possible Causes:**

- Circuit is open.
- Circuit is shorted to ground.
- Component malfunction.
- Software malfunction. Program controller.

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