# John Deere 2656GLC (SN. F266001-) Log Loader Operation & Test Technical Service Manual (TM14037X19)

2154G and 2154GLC Forestry Excavator Repair

(PIN: 1FF2154G\_ \_F212400—)



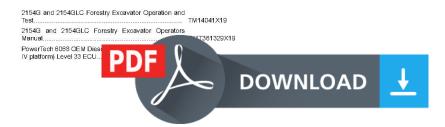
JOHN HARE



# REPAIR TECHNICAL MANUAL 2154G and 2154GLC Forestry Excavator (PIN: 1FF2154G\_\_F212400—)

TM14042X19 01DEC18 (ENGLISH)

#### For complette service information also see:



Worldwide Construction and Foresty Division

**Covers:** 2656GLC,1FF2656G\_,\_F266001�����)

**Type:** Service Manual **Language:** English

Pages: 809 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 2656GLC (SN. F266001-) Log Loader Operation & Test Technical Service Manual (TM14037X19)

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
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Please note this manual is in <b>downloadable PDF format only.</b> 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.	

Section 240 - ELECTRICAL Group 50: Diagnostics

Is voltage 5 VDC?

#### Result:

YES:GO TO (9)

NO:GO TO (8)

(8) Procedure 8

# Action:

Measure voltage on harness between cc# 0932 (pin 1) and frame ground.

Is voltage 5 VDC?

# Result:

YES:Refer to schematic and repair ground circuit (cc# 0930) between sensor and control unit or replace harness as necessary.GO TO [2]

NO:Refer to schematic and repair power circuit (cc# 0932) between sensor and control unit or replace harness as necessary.GO TO [2]

(9) Procedure 9

#### Action:

Key Switch OFF.

Disconnect Alternator Harness (W50) from EPG Control Unit at XA50 — Electrical Power Generation Control Unit (EPG)
Connector.

Measure resistance across cc# 7067 in Alternator Harness (W50) between control unit (pin B4) and sensor (pin 3).

Is resistance less than 3 ohms?

# Result:

YES:Repair or replace sensor as necessary.GO TO [2]

NO:Repair faulty circuit or replace harness as necessary.GO TO [2]

#### (10) Procedure 10

#### Action:

Key Switch OFF.

Disconnect Contactor Battery Harness (W51) from Battery Contactor (K51) at XK51-CF — Contactor Field Connector.

Key Switch ON.

Measure resistance at contactor between cc# 0110 (pin 2) and frame ground.

Is there continuity?

#### Result:

YES:GO TO (11)

NO:Contactor is not receiving High Current Ground from tractor. Refer to <u>High Current Power Electrical Schematic</u> and repair ground circuit (cc# 0110) or replace harnesses as necessary. GO TO (2)

### (11) Procedure 11

#### Action:

Key Switch OFF.

Disconnect Alternator Harness (W50) from EPG Control Unit at XA50 — Electrical Power Generation Control Unit (EPG)
Connector.



Thank you very much for your reading.

Please click here to get more information.