

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

**2154G and 2154GLC
Forestry Excavator
Repair**
(PIN: 1FF2154G__F212400—)



JOHN HARE



COLLECTION

REPAIR TECHNICAL MANUAL
**2154G and 2154GLC Forestry Excavator (PIN:
1FF2154G__F212400—)**

TM14042X19 01DEC18 (ENGLISH)

For complete service information also see:

2154G and 2154GLC Forestry Excavator Operation and
Test..... TM14041X19
2154G and 2154GLC Forestry Excavator Operators
Manual..... TM1361329X19
PowerTech 6068 OEM Diesel (IV platform) Level 33 ECU...



Worldwide Construction and
Forestry Division

Covers: 2656GLC,1FF2656G__,F266001 (7 icons)

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
- 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.

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 [High Current Power Electrical Schematic](#) 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.