John Deere 320G, 324G Skid Steer Loader Operation & Test Technical Manual - TM14292X19

320G, 324G Skid Steer Loader Diagnostic

PIN: 1T0320G_ _ _G328658— (EH CONTROLS)
PIN: 1T0324G_ _ _G328658— (EH CONTROLS)

JOHN HARE

COLLECTION

OPERATION & TEST TECHNICAL MANUAL

320G, 324G Skid Steer Loader with EH Controls

(PIN: 1T0320G_ _ _G328658—; PIN: 1T0324G_ _ _G328658—)

TM14292X19 01DEC19 (ENGLISH)

For complete service information also see:

Worldwide Construction and Forestry Division

Covers: 320G,1T0320G_,_G328658□□□□□□□,324G,1T0324G_,_G328658□□

Type: Service Manual
Language: English
Pages: 593
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 320G, 324G Skid Steer Loader Operation & Test Technical Manual - TM14292X19**

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
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- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
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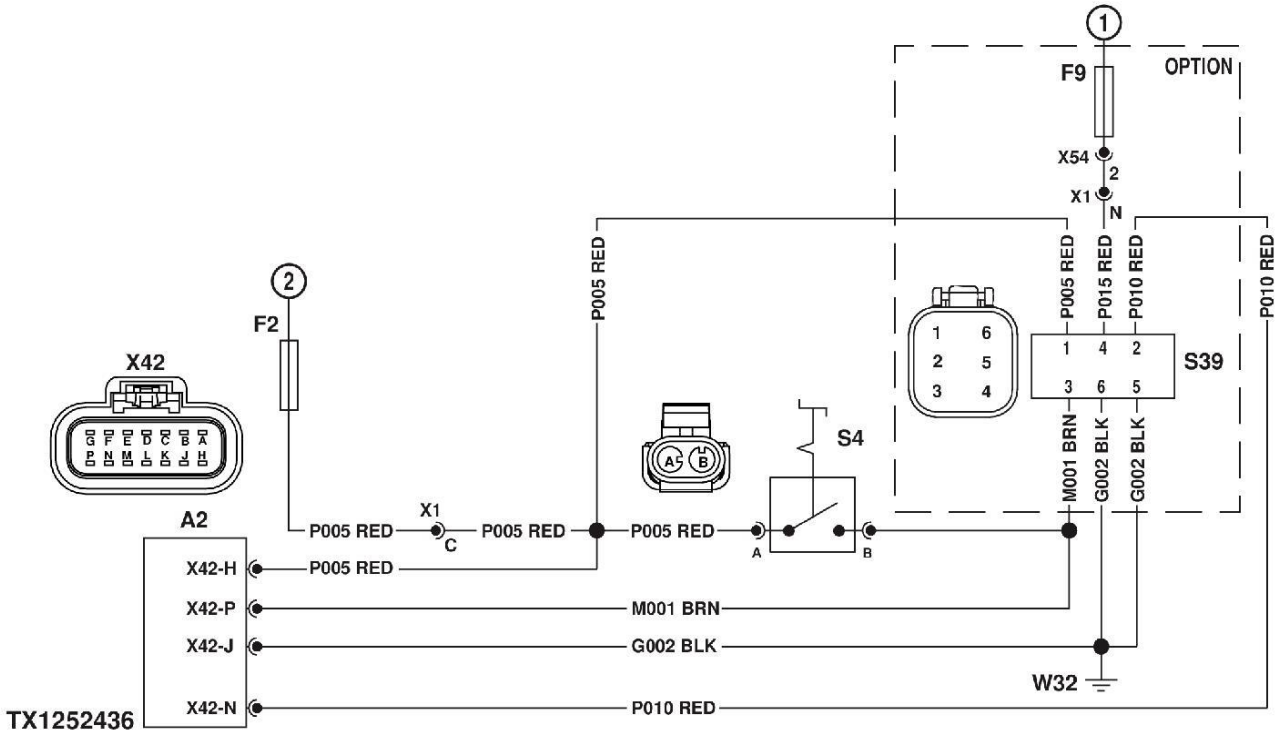
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

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.

001504.04—
Seat Switch Circuit Fault

Seat switch (S4) circuit voltage is below normal.



TX1252436-UN: Seat Switch (S4) Circuit Schematic

LEGEND:

1-Switched Power
2-Unswitched Power
A2-Engagement and Monitor Unit (EMU)
F2-Monitor Unswitched Power 10 A Fuse
F9-Seat 10 A Fuse (if equipped)
S4-Seat Switch
S39-Air Seat Switch (if equipped)
W32-Cab Harness Ground
X1-Cab Harness-to-Right Main Harness 14-Pin Connector
X42-Engagement and Monitor Unit (EMU) 14-Pin Connector 2
X42—H-Supply
X42—J-Return
X42—N-Supply
X42—P-Signal
X54-Right Main Harness-to-Left Main Harness Connector 2

Alarm Level:

No Warning Indicator

Code-Induced Condition:

None

Circuit Information:

See Engagement and Monitor Unit (EMU) Circuit Theory of Operation. (Group 9015-05.)

Component Location:

See Fuse and Relay Specifications. (Group 9015-10.)
See Cab Harness (W2) Component Location. (Group 9015-10.)
See Left Main Harness (W3) Component Location. (Group 9015-10.)
See Right Main Harness (W4) Component Location. (Group 9015-10.)

Diagnostic Test Box Information:

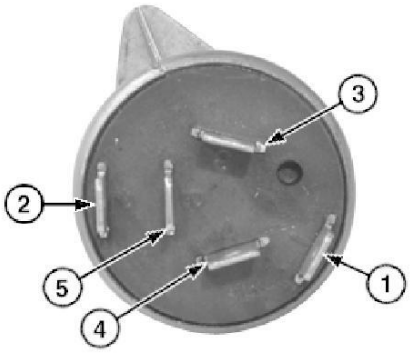
Not Applicable

Additional References:

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

Possible Causes:

Circuit is short to ground or short to low source.



TX1129661A-UN: Blower Motor Speed Switch (S9)

LEGEND:
1-Pin 1
2-Pin 2
3-Pin 3
4-Pin 4
5-Pin B

Remove switch from harness.

Use multimeter to check for continuity between:

Pins B and 1 in Speed 1.

Pins B and 2 in Speed 2.

Pins B and 3 in Speed 3.

Pins B and 4 in Speed 4.

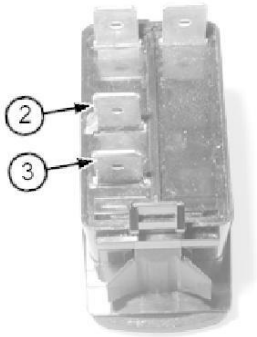
Is continuity measured?

Result:

YES:
Switch is OK.
NO:
Replace switch.

5 Air Conditioner Switch (S19) Check

Action:



TX1126925A-UN: Air Conditioner Switch (S19)

LEGEND:
2-Pin 2
3-Pin 3

Remove switch from harness.

Use multimeter to check for continuity between:

Pins 2 and 3 in the ON position.

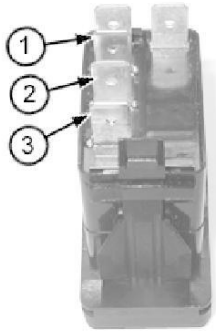
Is continuity measured?

Result:

YES:
Switch is OK.
NO:
Replace switch.

6 Quik-Tatch™ Switch (S26) Check

Action:



TX1126926A-UN: Quik-Tatch™ Switch (S26)

LEGEND:
1-Pin 1
2-Pin 2
3-Pin 3

Remove switch from harness.

Use multimeter to check for continuity between:

Pins 2 and 3 in the LOCK position.

Pins 1 and 2 in the UNLOCK position.

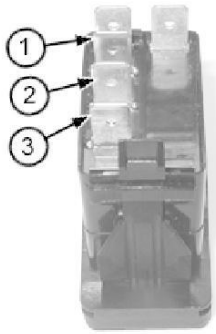
Is continuity measured?

Result:

YES:
Switch is OK.
NO:
Replace switch.

7 Auxiliary Fourth Function Switch (S33) Check

Action:



TX1126926A-UN: Auxiliary Fourth Function Switch (S33)

LEGEND:
1-Pin 1
2-Pin 2
3-Pin 3

Remove switch from harness.

Use multimeter to check for continuity between:

Pins 2 and 3 in the arrow left position.

Pins 1 and 2 in the arrow right position.

Is continuity measured?

Result:

YES:
Switch is OK.
NO:
Replace switch.