

DTC**B0101/14****Open in Driver Side Squib Circuit****DESCRIPTION**

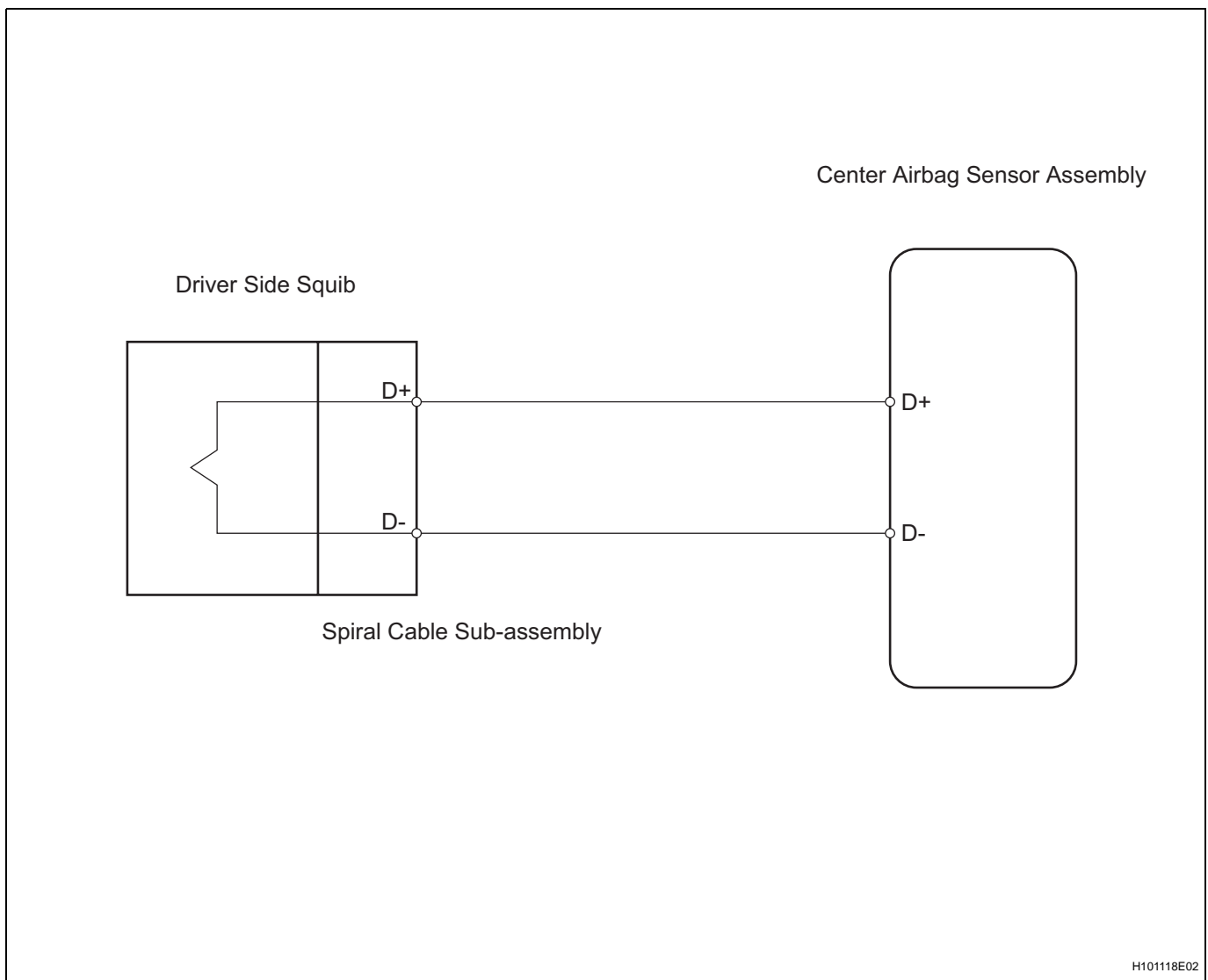
The driver side squib circuit consists of the center airbag sensor assembly, the spiral cable sub-assembly and the steering pad.

This circuit instructs the SRS to deploy when deployment conditions are met.

DTC B0101/14 is recorded when an open circuit is detected in the driver side squib circuit.

RS

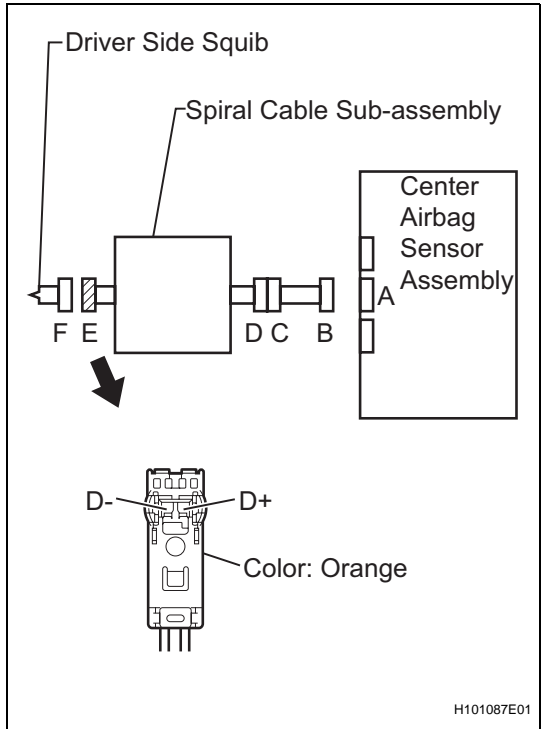
DTC No.	DTC Detection Condition	Trouble Area
B0101/104	<ul style="list-style-type: none"> Open circuit in D+ wire harness or D- wire harness of driver side squib Driver side squib malfunction Spiral cable sub-assembly malfunction Center airbag sensor assembly 	<ul style="list-style-type: none"> Steering pad (driver side squib) Spiral cable sub-assembly Center airbag sensor assembly Instrument panel wire

WIRING DIAGRAM

1

CHECK DRIVER SIDE SQUIB CIRCUIT (CENTER AIRBAG SENSOR ASSEMBLY - STEERING PAD)

RS



OK

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the center airbag sensor assembly and the steering pad.
- (d) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection (Connector "E")	Specified Condition
D+ - D-	Below 1 Ω

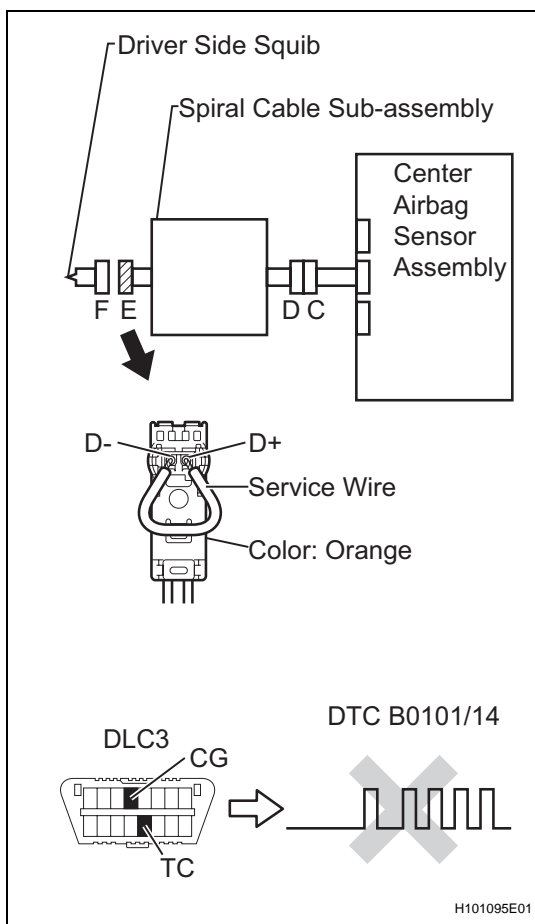
NG

Go to step 4

2

CHECK CENTER AIRBAG SENSOR ASSEMBLY

- (a) Connect the connector to the center airbag sensor assembly.



OK

- (b) Using a service wire, connect terminals D+ and D- of connector "E".

NOTICE:

- **Twist the end of the service wire in order to insert to the connector.**
- **Do not forcibly insert the twisted service wire into the terminals of the connector when connecting.**

- (c) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (d) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (e) Clear the stored DTCs in the memory (see page RS-21).
- (f) Turn the ignition switch to the LOCK position.
- (g) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (h) Check the DTCs (see page RS-21).

OK:

DTC B0101/14 is not output.

HINT:

Codes other than code B0101/14 may be output at this time, but they are not related to this check.

NG

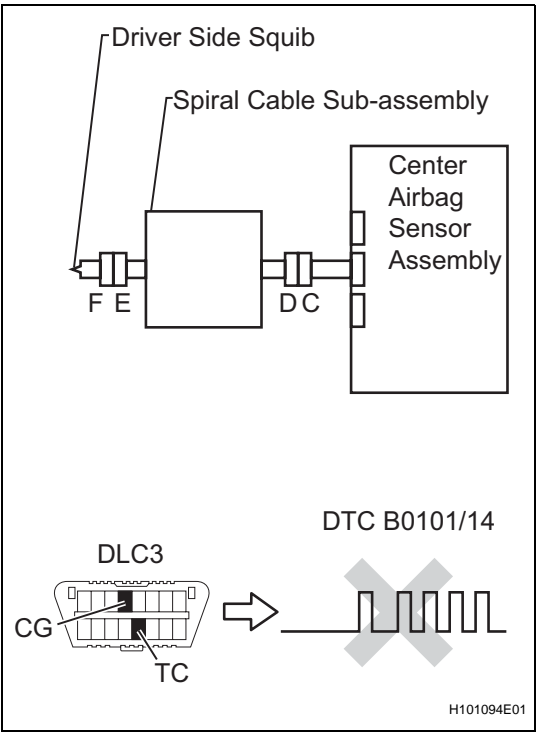
REPLACE CENTER AIRBAG SENSOR ASSEMBLY

3

CHECK STEERING PAD

- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal position cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the service wire from the connector "E".
- (d) Connect the steering pad connectors.
- (e) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Clear the stored DTCs in the memory (see page RS-21).
- (h) Turn the ignition switch to the LOCK position.
- (i) Turn the ignition switch to the ON position, and wait for at least 60 seconds.

RS



OK

(j) Check for the DTCs (see page RS-21).

OK:

DTC B0101/14 is not output.

HINT:

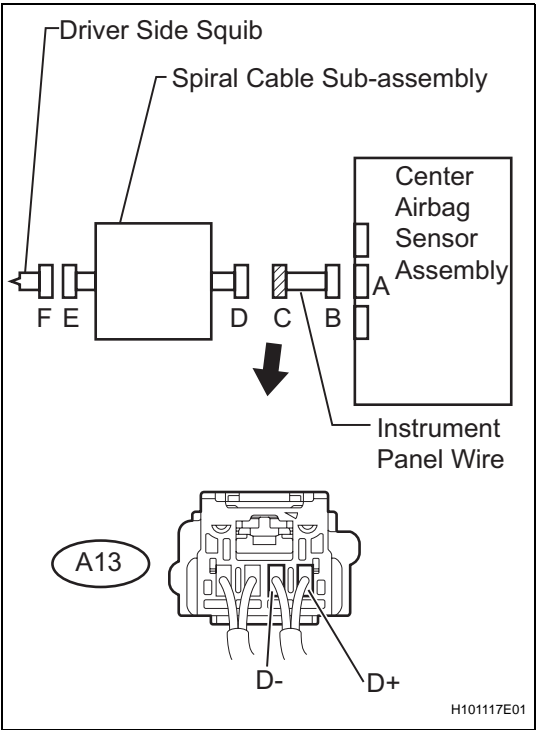
Codes other than code B0101/14 may be output at this time, but they are not related to this check.

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REPLACE STEERING PAD

PROBLEM SYMPTOMS SIMULATION

4 CHECK INSTRUMENT PANEL WIRE



- (a) Disconnect the instrument panel wire connector from the spiral cable sub-assembly.
- (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

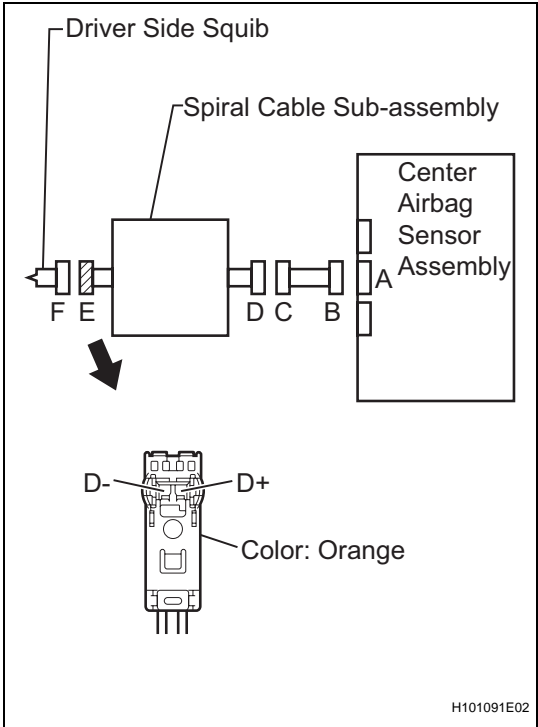
Tester Connection (Connector "E")	Specified Condition
A13-1 (D+) - A13-2 (D-)	Below 1 Ω

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REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

5 CHECK SPIRAL CABLE SUB-ASSEMBLY



(a) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection (Connector "E")	Specified Condition
D+ - D-	Below 1 Ω

NG

REPLACE SPIRAL CABLE SUB-ASSEMBLY

OK

PROBLEM SYMPTOMS SIMULATION