

DTCB0101/14OPEN IN D SQUIB CIRCUIT

CIRCUIT DESCRIPTION

The D squib circuit consists of the Airbag sensor assy center, spiral cabale sub-assy and horn button assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.

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

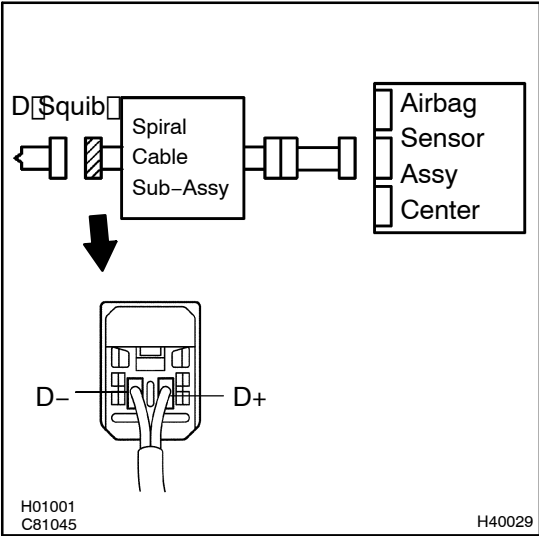
DTC No.	DTC Detecting Condition	Trouble Area
B0101/14	<ul style="list-style-type: none">• Open circuit in D+ wire harness or D- wire harness of squib• D squib malfunction• Spiral cabale sub-assy malfunction• Airbag sensor assy center malfunction	<ul style="list-style-type: none">• Horn button assy (D squib)• Spiral cabale sub-assy• Airbag sensor assy center• Instrument panel wire

WIRING DIAGRAM

See page 05-416.

INSPECTION PROCEDURE

1CHECK D SQUIB CIRCUIT



- (a) Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- (b) Disconnect the connectors between the Airbag sensor assy center and the horn button assy.
- (c) For the connector (on the spiral cabale sub-assy side) between the spiral cabale sub-assy and the horn button assy, measure the resistance between D+ and D-.

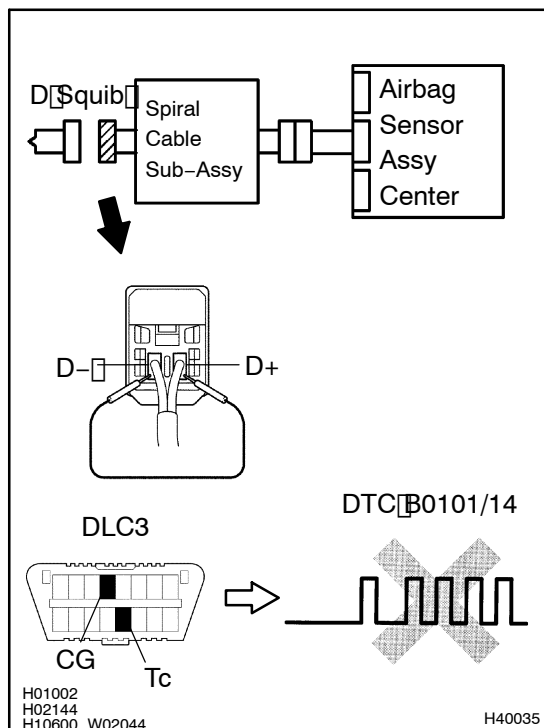
OK:
Resistance: Below 1 Ω

NGGo to step 4

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor Assy center.
- Using a service wire, connect D+ and D- of the connector (on the spiral cable sub-assy side) between the spiral cable sub-assy and the horn button Assy.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page 05-403).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC (See page 05-403).

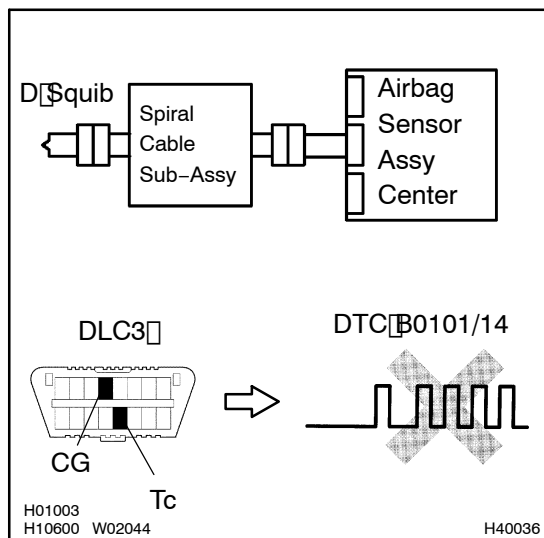
OK:**DTC B0101/14 is not output.****HINT:**

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

NG**REPLACE AIR BAG SENSOR ASSY CENTER****OK**

3 CHECK D⁺ SQUIB

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- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the horn button assy connector.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Clear the DTC stored in memory (See page 05-403).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC (See page 05-403).

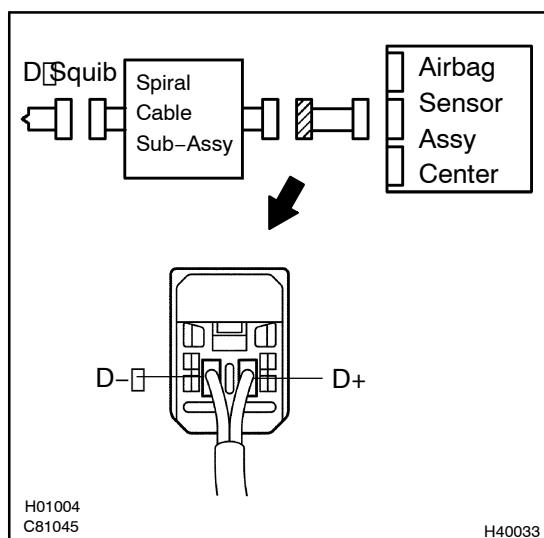
OK:**DTC B0101/14 is not output.****HINT:**

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

NG**REPLACE HORN BUTTON ASSY****OK**

USE SIMULATION METHOD TO CHECK

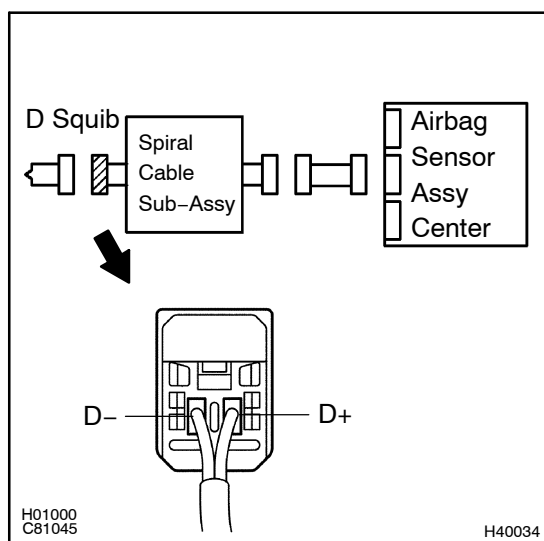
4 CHECK INSTRUMENT PANEL WIRE



- Disconnect the connector of the instrument panel wire.
- For the connector (on the spiral cable sub-assy side) between the airbag sensor assy center and the spiral cable sub-assy, measure the resistance between D+ and D-.

OK:**Resistance: Below 1 Ω** **NG****REPAIR OR REPLACE INSTRUMENT PANEL WIRE****OK**

5 CHECK SPIRAL CABLE SUB-ASSY



- (a) For the connector (on the spiral cable sub-assy side) between the horn button assy and the spiral cable sub-assy, measure the resistance between D+ and D-.

OK:

Resistance: Below 1 Ω

NG

REPLACE SPIRAL CABLE SUB-ASSY

OK

USE SIMULATION METHOD TO CHECK