

**DTC B0101/14 OPEN IN D SQUIB CIRCUIT****CIRCUIT DESCRIPTION**

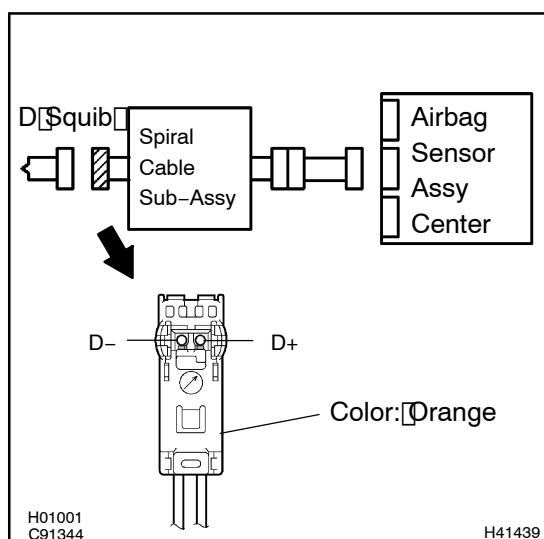
The D squib circuit consists of the Airbag Sensor Assy Center, Spiral Cable Sub-assy and Horn Button Assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.

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"> <li>• Open circuit in D+ wire harness or D- wire harness of squib</li> <li>• D squib malfunction</li> <li>• Spiral cable sub-assy malfunction</li> <li>• Airbag sensor Assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Horn button Assy (D squib)</li> <li>• Spiral cable sub-assy</li> <li>• Airbag sensor Assy center</li> <li>• Instrument panel wire</li> </ul>

**WIRING DIAGRAM**

See page 05-771.

**INSPECTION PROCEDURE****1 CHECK D SQUIB CIRCUIT (AIRBAG SENSOR ASSY CENTER - HORN BUTTON ASSY)**

- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connectors between the Airbag Sensor Assy Center and the Horn Button Assy.
- For the orange 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  $\Omega$**

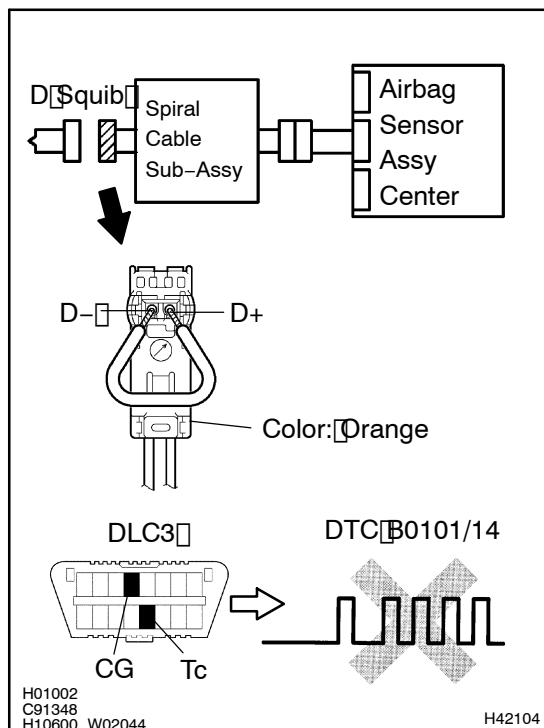
**NG**

**Go to step 4**

**OK**

## 2 CHECK AIR BAG SENSOR ASSY CENTER

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- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect D+ and D- of the orange connector (on the spiral cable sub-assy side) between the horn button assy and the spiral cable sub-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 05-758).
- 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 05-758).

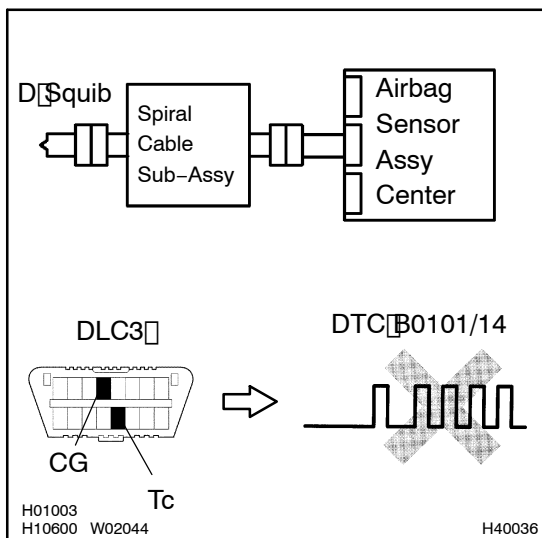
**OK:****DTC B0101/14 is not output.****HINT:**

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**

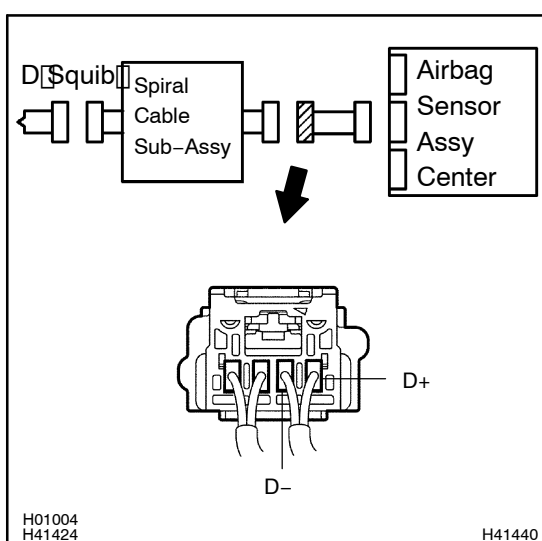
SST 09843-18040



- 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 connectors.
- 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 05-758).
- 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 05-758).

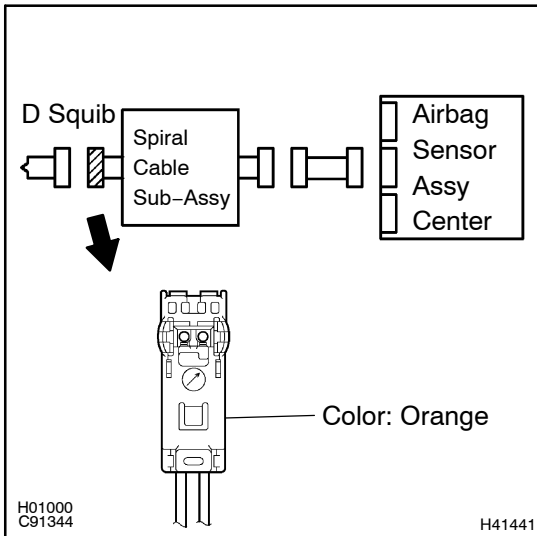
**OK:****DTC B0101/14 is not output.****HINT:**

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 WIRE HARNESS(AIRBAG SENSOR ASSY CENTER - SPIRAL CABLE SUB-ASSY)**

- 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  $\Omega$** **NG****REPAIR OR REPLACE WIRE HARNESS(AIRBAG SENSOR ASSY CENTER - SPIRAL CABLE SUB-ASSY)****OK**

**5 CHECK SPIRAL CABLE SUB-ASSY**

- (a) For the orange 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  $\Omega$** **NG****REPLACE SPIRAL CABLE SUB-ASSY****OK****USE SIMULATION METHOD TO CHECK**