

<b>DTC</b>	<b>B0101/14</b>	<b>OPEN IN D SQUIB CIRCUIT</b>
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**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.

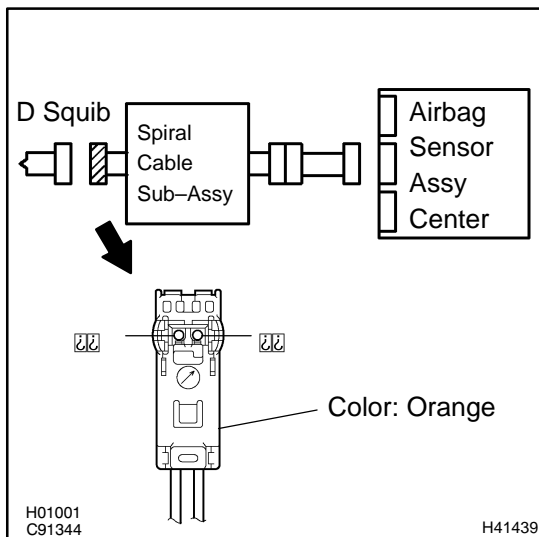
DTC No.	DTC Detecting Condition	Trouble Area
B0101/14	<ul style="list-style-type: none"> <li>• Open circuit in D+ wire harness or D- wire harness of squib</li> <li>• D squib malfunction</li> <li>• Spiral cable sub-assy malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: 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 05-437.

**INSPECTION PROCEDURE**

<b>1</b>	<b>CHECK D SQUIB CIRCUIT(AIRBAG SENSOR ASSY CENTER – HORN BUTTON ASSY)</b>
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- (a) Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- (b) Disconnect the connectors between the horn button assy and the airbag sensor assy center.
- (c) 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:**

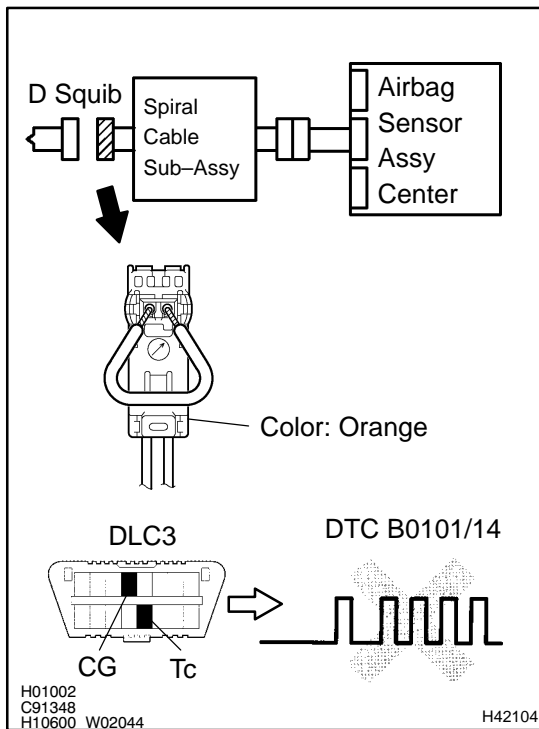
**Resistance: Below 1 Ω**

<b>NG</b>	<b>Go to step 4</b>
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**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 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 05-424).
- 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 05-424).

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

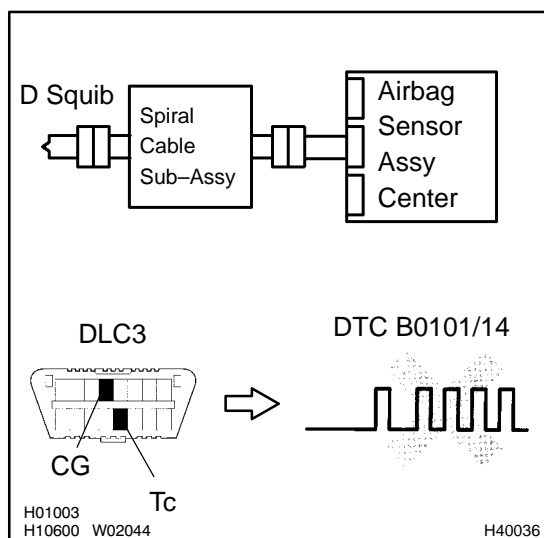
HINT:

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 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 05-424).
- 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 05-424).

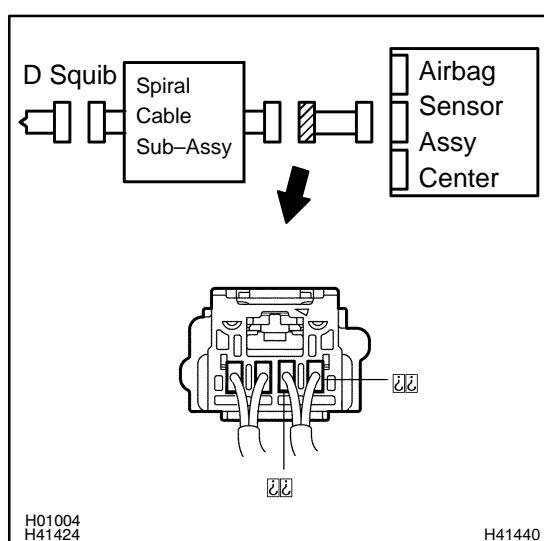
**OK:****DTC B0101/14 is not output.****HINT:**

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

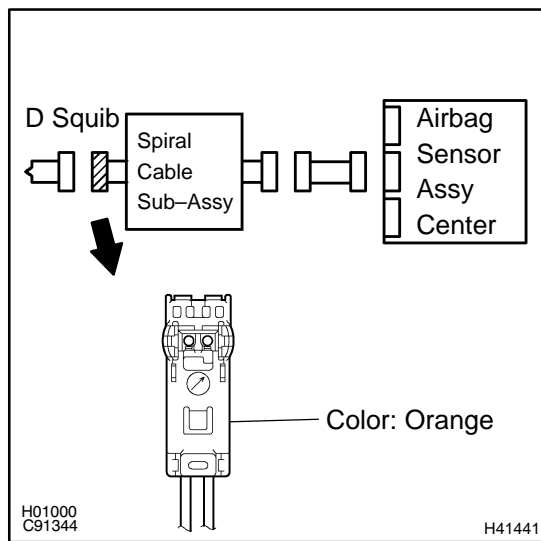
### 4 CHECK INSTRUMENT PANEL WIRE(AIRBAG SENSOR ASSY CENTER - SPIRAL CABLE SUB-ASSY)



- 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 Ω****NG****REPAIR OR REPLACE INSTRUMENT PANEL WIRE(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**