

<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, the spiral cable sub-assy and the 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.

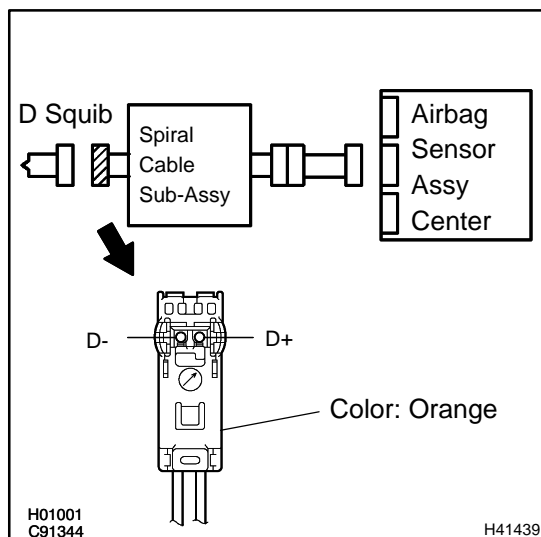
DTC No.	DTC Detecting Condition	Trouble Area
B0101/14	<ul style="list-style-type: none"> <li>• Open in D squib circuit</li> <li>• D squib malfunction</li> <li>• Spiral cable sub-assy malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Horn 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 05-629 .

## INSPECTION PROCEDURE

<b>1</b>	<b>CHECK D SQUIB CIRCUIT(AIRBAG SENSOR ASSY CENTER - HORN BUTTON ASSY)</b>
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- 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.
- Measure the resistance between D+ and D- of the connector on the horn button assy side between the airbag sensor assy center and the horn button assy.

**OK:**

**Resistance: Below 1  $\Omega$**

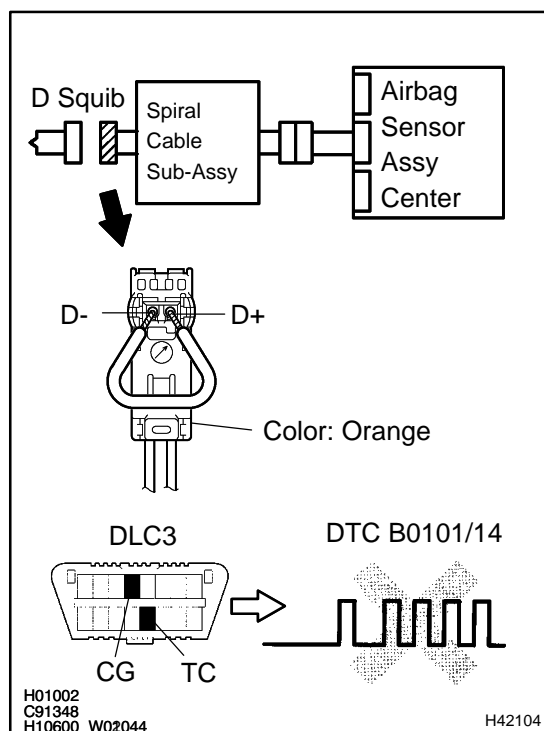
**NG**

**Go 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 orange connector on the horn button assy side between the horn button assy and the airbag sensor assy center.
- 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 10 seconds.
- Clear the DTC stored in memory (See page 05-614 ).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page 05-614 ).

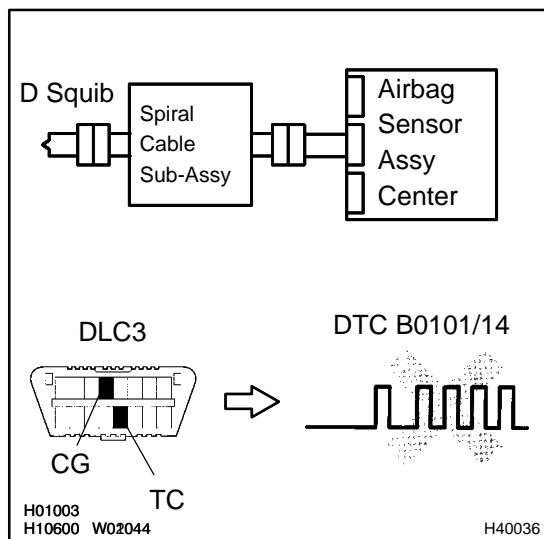
**OK:****DTC B0101/14 is not output.****HINT:**

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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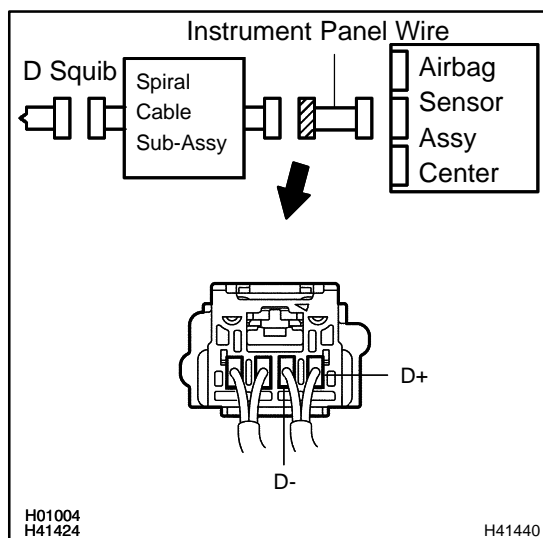
- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the horn button assy connectors.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page 05-614 ).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page 05-614 ).

**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



- (a) Disconnect the spiral cable sub-assy connector from the instrument panel wire.
- (b) Measure the resistance between D+ and D- of the instrument panel wire connector on the spiral cable sub-assy side.

**OK:**

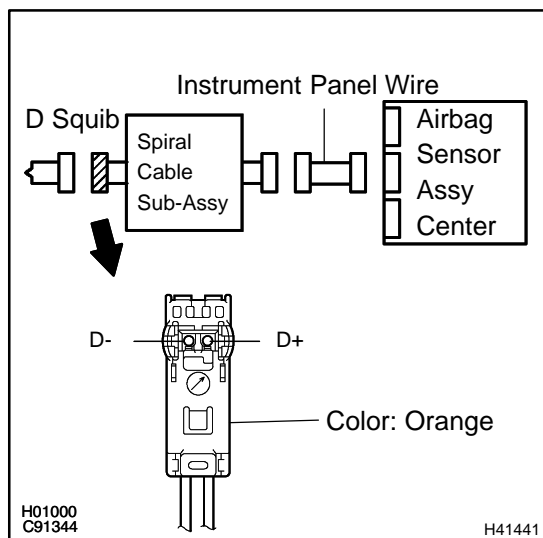
**Resistance: Below 1  $\Omega$**

**NG**

**REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

**OK**

#### 5 CHECK SPIRAL CABLE SUB-ASSY



- (a) Measure the resistance between D+ and D- of the orange spiral cable sub-assy connector on the horn button assy.

**OK:**

**Resistance: Below 1  $\Omega$**

**NG**

**REPLACE SPIRAL CABLE SUB-ASSY**

**OK**

**USE SIMULATION METHOD TO CHECK**