

<b>DTC</b>	<b>B1181/18</b>	<b>OPEN IN D SQUIB (2ND STEP) CIRCUIT</b>
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### CIRCUIT DESCRIPTION

The D squib (2nd step) 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 B1181/18 is recorded when an open is detected in the D squib (2nd step) circuit.

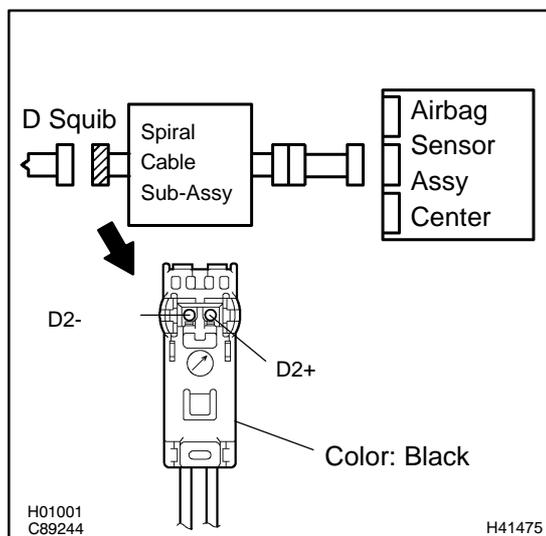
DTC No.	DTC Detecting Condition	Trouble Area
B1181/18	<ul style="list-style-type: none"> <li>• Open in D squib (2nd step) circuit</li> <li>• D squib (2nd step) malfunction</li> <li>• Spiral cable sub-assy malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Horn button assy (D squib, 2nd step)</li> <li>• Spiral cable sub-assy</li> <li>• Airbag sensor assy center</li> <li>• Instrument panel wire</li> </ul>

### WIRING DIAGRAM

See page 05-780 .

### INSPECTION PROCEDURE

<b>1</b>	<b>CHECK D SQUIB CIRCUIT</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 airbag sensor assy center and the horn button assy.
- (c) Measure the resistance between D2+ and D2- of the black connector on the horn button assy side between the horn button assy and the airbag sensor assy center.

**OK:**

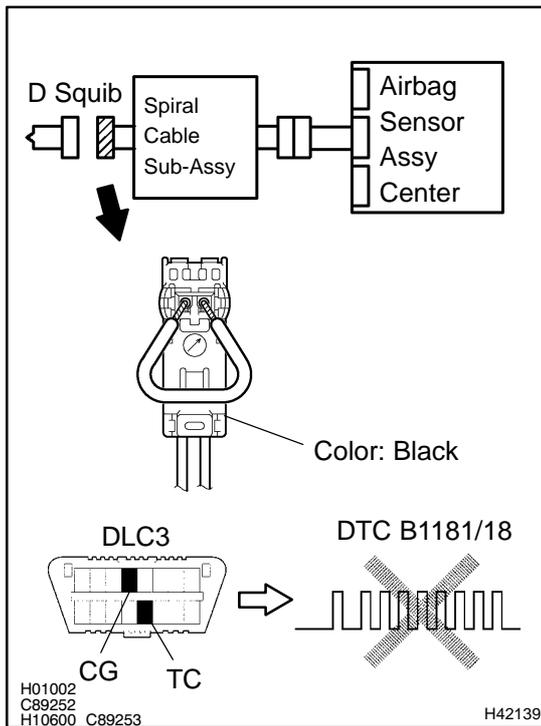
**Resistance: Below 1 Ω**

<b>NG</b>	<b>Go to step 4</b>
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<b>OK</b>
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## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



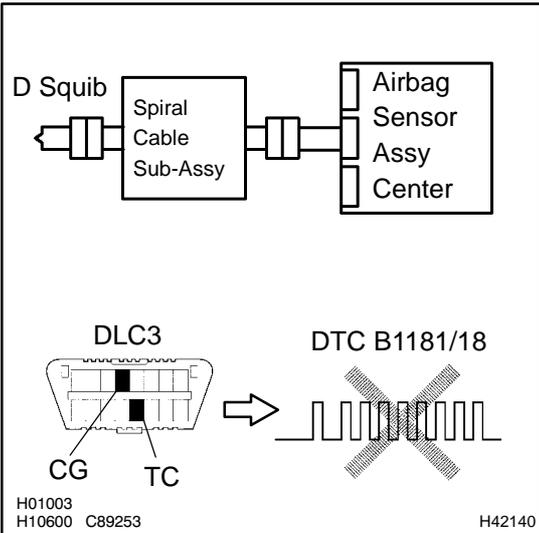
- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect D2+ and D2- of the black connector on the horn button assy side between the horn button assy and the airbag sensor assy center.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- 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 B1181/18 is not output.****HINT:**

Codes other than code B1181/18 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**



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

**OK:**

**DTC B1181/18 is not output.**

**HINT:**

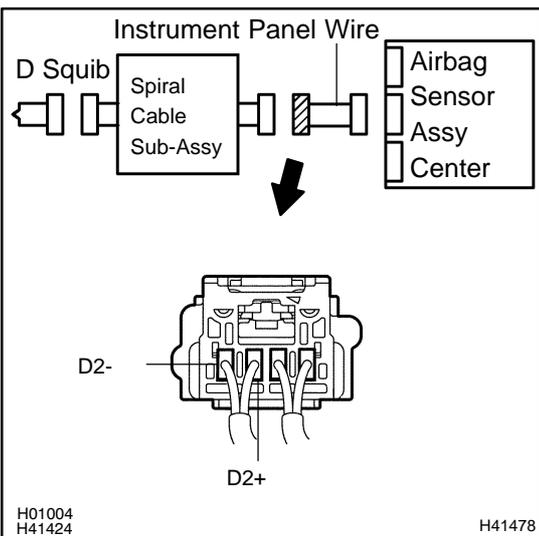
Codes other than code B1181/18 may be output at this time, but they are not relevant to this check.

**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 D2+ and D2- of the instrument panel wire connector on the spiral cable sub-assy side.

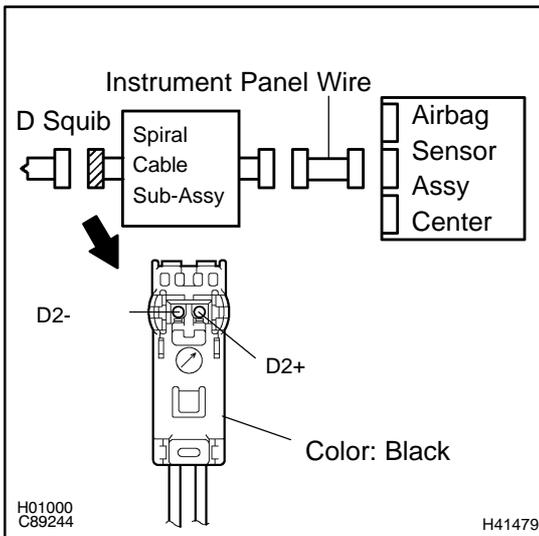
**OK:**

**Resistance: Below 1 Ω**

**NG** → **REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

**OK**

## 5 CHECK SPIRAL CABLE SUB-ASSY



- (a) Measure the resistance between D2+ and D2- of the black spiral cable sub-assy connector on the horn button assy side.

**OK:**

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

**NG**

**REPLACE SPIRAL CABLE SUB-ASSY**

**OK**

**USE SIMULATION METHOD TO CHECK**