

DTC	B1181/18	OPEN IN D SQUIB (2ND STEP) CIRCUIT
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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.

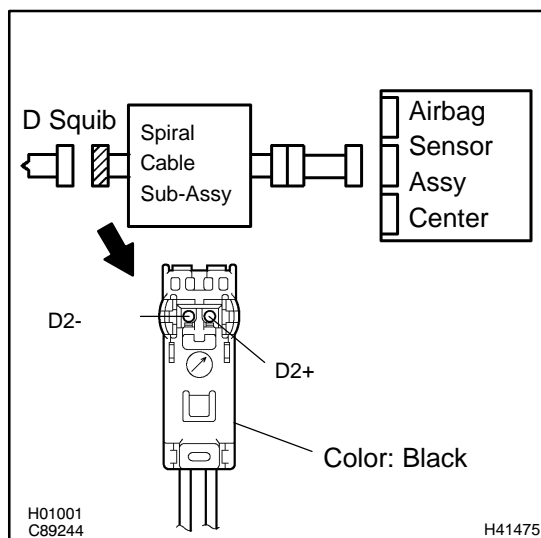
DTC No.	DTC Detecting Condition	Trouble Area
B1181/18	<ul style="list-style-type: none"> • Open in D squib (2nd step) circuit • D squib (2nd step) malfunction • Spiral cable sub-assy malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Horn button assy (D squib, 2nd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

WIRING DIAGRAM

See page 05-780 .

INSPECTION PROCEDURE

1	CHECK D SQUIB CIRCUIT
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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 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

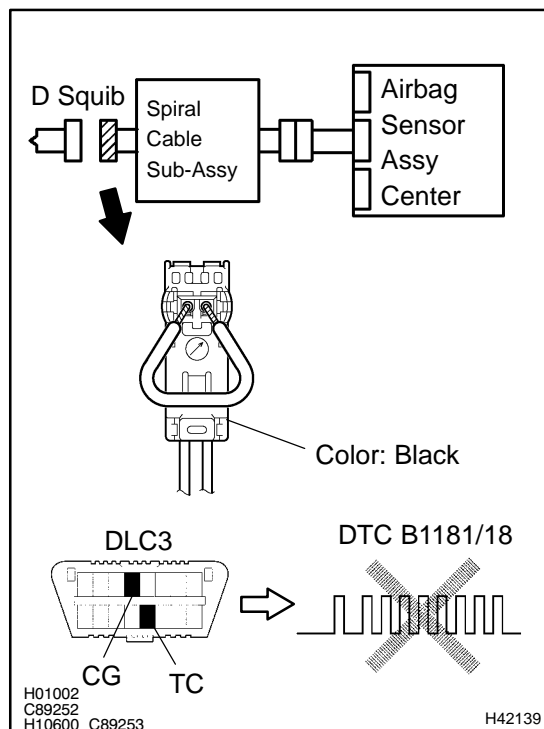
NG

Go to step 4

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



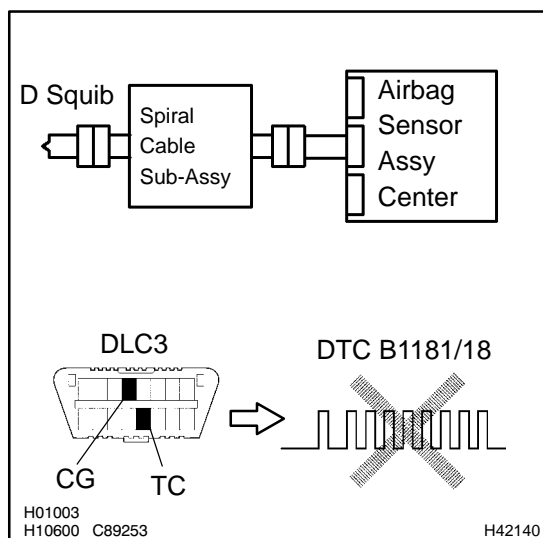
- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect D2+ and D2- of the black connector on the horn button assy side between the horn button assy and the airbag sensor assy center.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- 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



- 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 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.

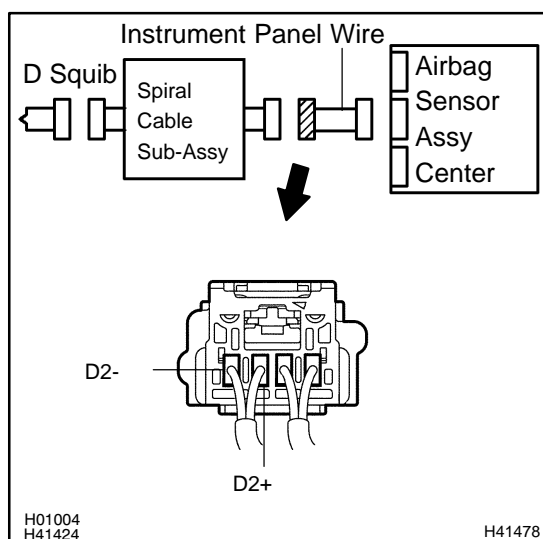
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REPLACE HORN BUTTON ASSY

OK

USE SIMULATION METHOD TO CHECK

4 CHECK INSTRUMENT PANEL WIRE



- Disconnect the spiral cable sub-assy connector from the instrument panel wire.
- Measure the resistance between D2+ and D2- of the instrument panel wire connector on the spiral cable sub-assy side.

OK:

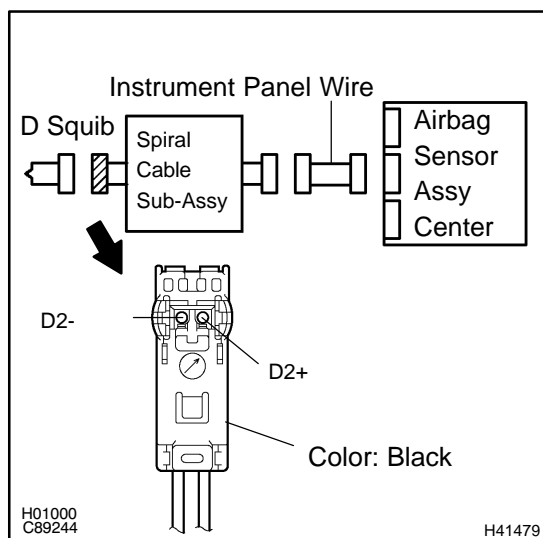
Resistance: Below 1 Ω

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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 Ω

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REPLACE SPIRAL CABLE SUB-ASSY

OK

USE SIMULATION METHOD TO CHECK