

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

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 open is detected in the D squib (2nd step) circuit.

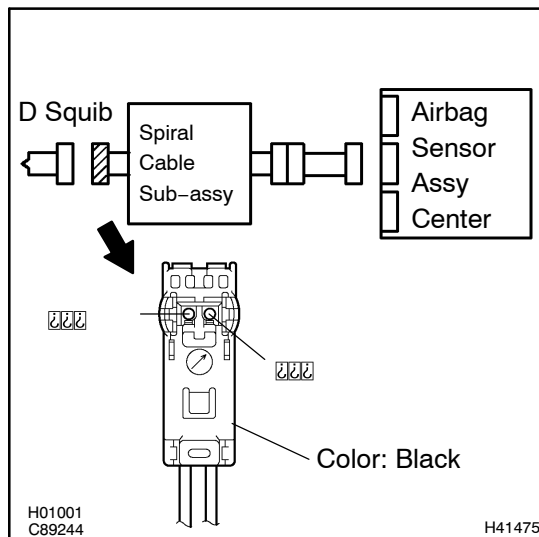
DTC No.	DTC Detecting Condition	Trouble Area
B1181/18	<ul style="list-style-type: none"> • Open circuit in D2+ wire harness or D2- wire harness of squib • D squib (2nd step) malfunction • Spiral cable sub-assy malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Horn button assy (D squib, 2nd step) • Spiral cable sub-assy • Airbag sensor assy center • Instrument panel wire

WIRING DIAGRAM

See page 05-1134.

INSPECTION PROCEDURE

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



- (a) Turn the ignition switch to LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- (c) Disconnect the connectors from the airbag sensor assy center and the horn button assy.
- (d) Measure the resistance between D2+ and D2- of the black connector on the horn button assy side between the airbag sensor assy center and the horn button assy.

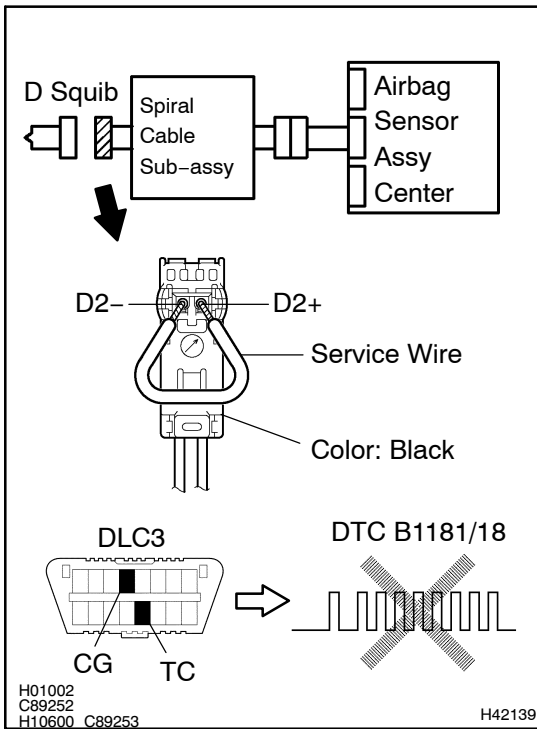
OK:

Resistance: Below 1 Ω

NG	Go to step 4
-----------	---------------------

OK

2 CHECK AIR BAG SENSOR ASSY CENTER



- (a) Connect the connector to the airbag sensor assy center.
- (b) 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.

NOTICE:

Do not forcibly insert a service wire into the terminal of the connector when connecting.

- (c) Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- (d) Turn the ignition switch to ON position, and wait at least for 10 seconds.
- (e) Clear the DTC stored in the memory (See page 05-973).
- (f) Turn the ignition switch to LOCK position, and wait at least for 10 seconds.
- (g) Turn the ignition switch to ON position, and wait at least for 10 seconds.
- (h) Check the DTC (See page 05-973).

OK:

DTC B1181/18 is not output.

HINT:

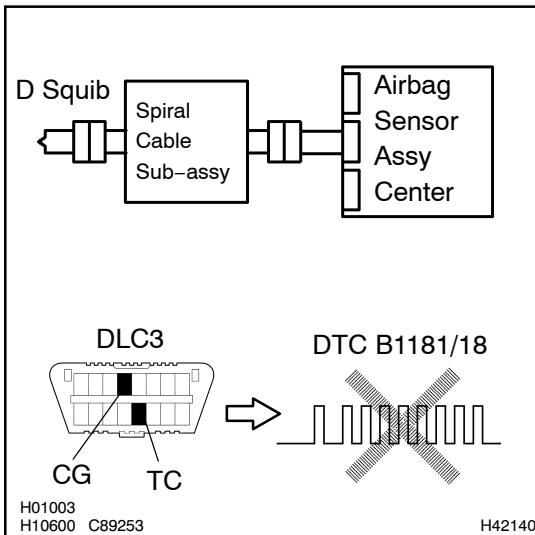
Codes other than code B1181/18 may be output at this time, but they are not relevant to this check.

NG

REPLACE AIR BAG SENSOR ASSY CENTER

OK

3 CHECK D SQUIB



- (a) Turn the ignition switch to LOCK position.
- (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 position, and wait at least for 10 seconds.
- (f) Clear the DTC stored in the memory (See page 05-973).
- (g) Turn the ignition switch to LOCK position, and wait at least for 10 seconds.
- (h) Turn the ignition switch to ON position, and wait at least for 10 seconds.
- (i) Check the DTC (See page 05-973).

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.

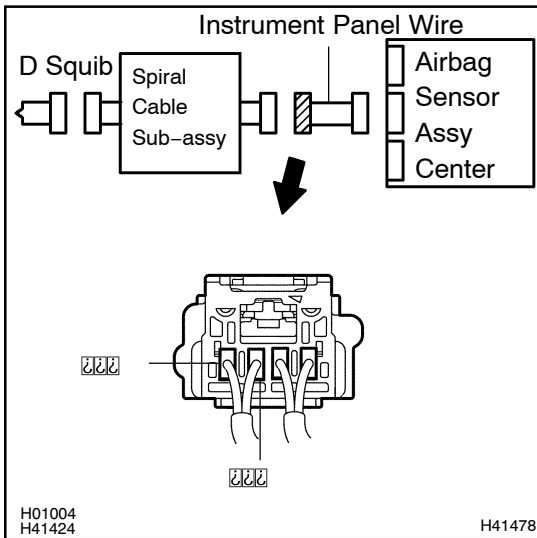
NG →

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:

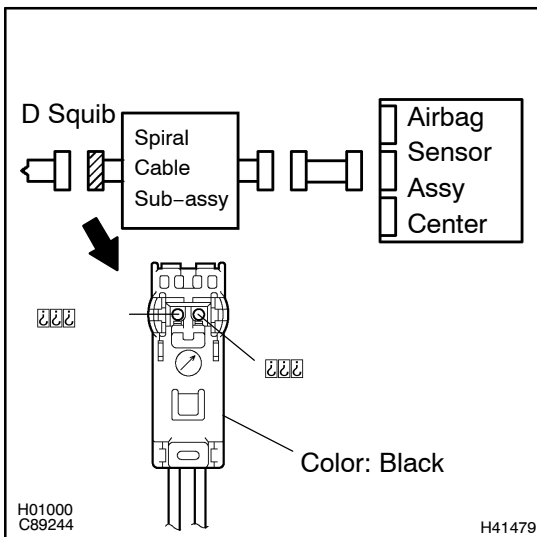
Resistance: Below 1 Ω

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 Ω

NG

REPLACE SPIRAL CABLE SUB-ASSY

OK

USE SIMULATION METHOD TO CHECK