DTC B0101/14 OPEN IN D SQUIB CIRCUIT

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 open is detected in the D squib circuit.

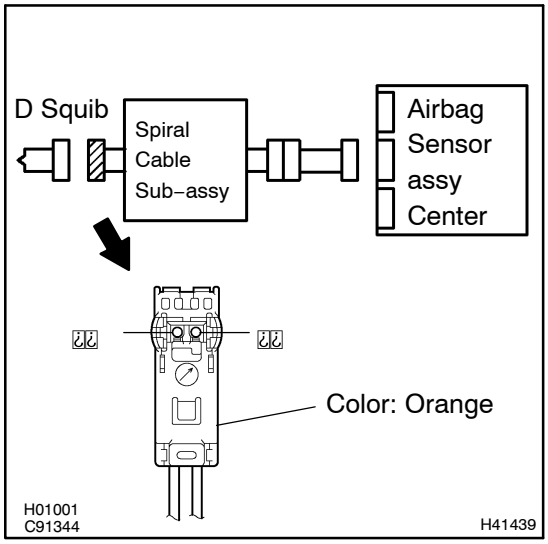
DTC No.	DTC Detecting Condition	Trouble Area
B0101/14	• Open circuit in D+ wire harness or D– wire harness of squib • D squib malfunction • Spiral cable sub–assy malfunction • Airbag sensor assy center malfunction	• Horn button assy (D squib) • Spiral cable sub–assy • Airbag sensor assy center • Instrument panel wire

WIRING DIAGRAM

See page 05–988.

INSPECTION PROCEDURE

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

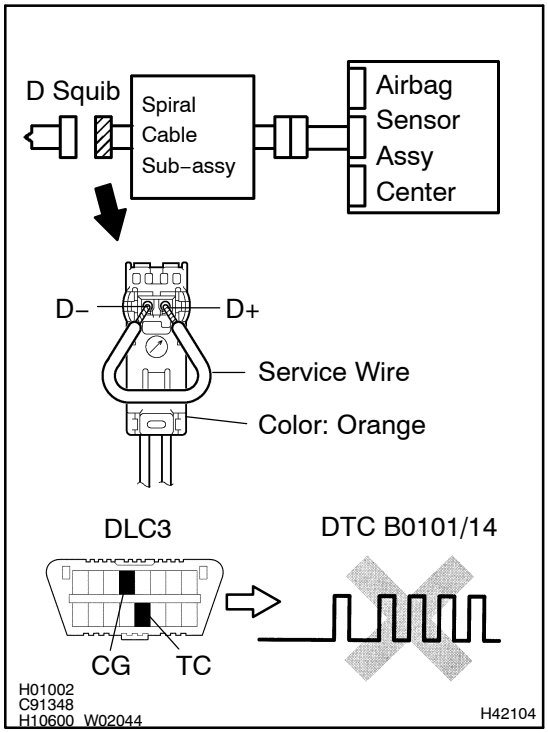


(a) Turn the ignition switch to LOCK position.
(b) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(c) Disconnect the connectors from the airbag sensor assy center and the horn button assy.
(d) Measure the resistance between D+ and D– of the orange connector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

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

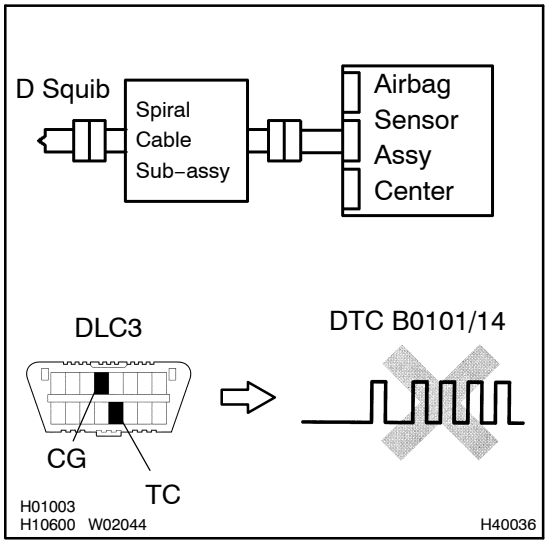
(c) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(d) Turn the ignition switch to ON position, and wait at least for 10 seconds.
(e) Clear the DTC stored in the memory (See page 05–973).
(f) Turn the ignition switch to LOCK position, and wait at least for 10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



(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 B0101/14 is not output.

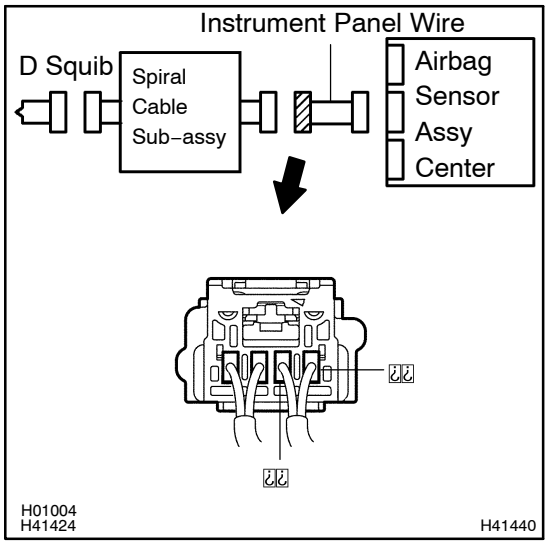
HINT:
Codes other than code B0101/14 may be output at this time, but they are not relevant to this check.

NG	REPLACE HORN BUTTON ASSY

OK

USE SIMULATION METHOD TO CHECK

4 CHECK INSTRUMENT PANEL WIRE

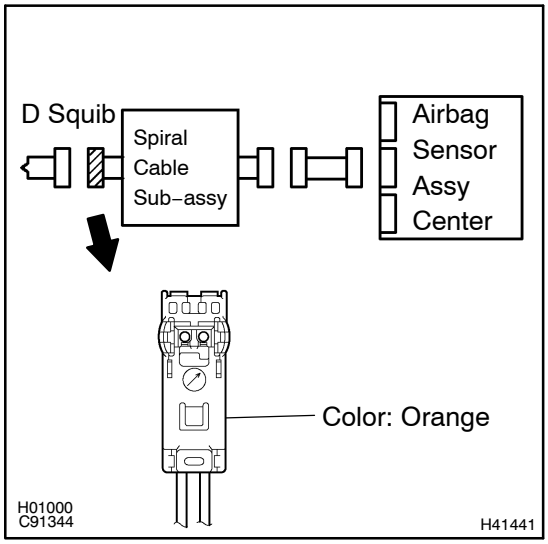


(a) Disconnect the spiral cable sub–assy connector from the instrument panel wire.
(b) Measure the resistance between D+ and D– of the instrument panel wire on the spiral cable sub–assy side.
OK:
Resistance: Below 1 Ω

NG	REPAIR OR REPLACE INSTRUMENT PANEL WIRE

OK

5	CHECK SPIRAL CABLE SUB–ASSY



(a) Measure the resistance between D+ and D– of the orange 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