DTC	B0112/41	SHORT IN SIDE SQUIB (RH) CIRCUIT (TO GROUND)

CIRCUIT DESCRIPTION

The side squib (RH) circuit consists of the airbag sensor assy center and front seat airbag assy (RH).
It causes the SRS to deploy when the SRS deployment conditions are satisfied.
DTC B0112/41 is recorded when a ground short is detected in the side squib (RH) circuit.
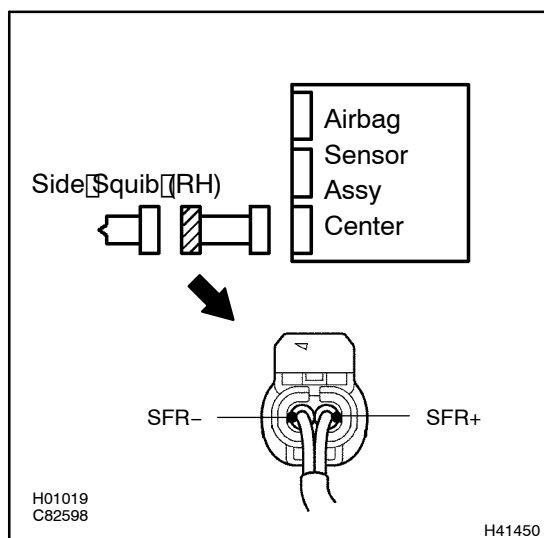
DTC No.	DTC Detecting Condition	Trouble Area
B0112/41	• Short circuit in side squib (RH) wire harness (to ground) • Side squib (RH) malfunction • Airbag sensor assy center malfunction	• Front seat airbag assy (RH) • Airbag sensor assy center • Wire harness

WIRING DIAGRAM

See page 05–799.

INSPECTION PROCEDURE

1	CHECK SIDE SQUIB(RH) CIRCUIT(AIRBAG SENSOR ASSY CENTER – FRONT SEAT AIRBAG ASSY RH)

H01019
C82598

H41450

(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.

(b) Disconnect the connect between the airbag sensor assy center and the front seat airbag assy (RH).

(c) For the connector (on the front seat airbag assy side) between the airbag sensor assy center and the front seat airbag assy (RH), measure the resistance between SFR+ and body ground.
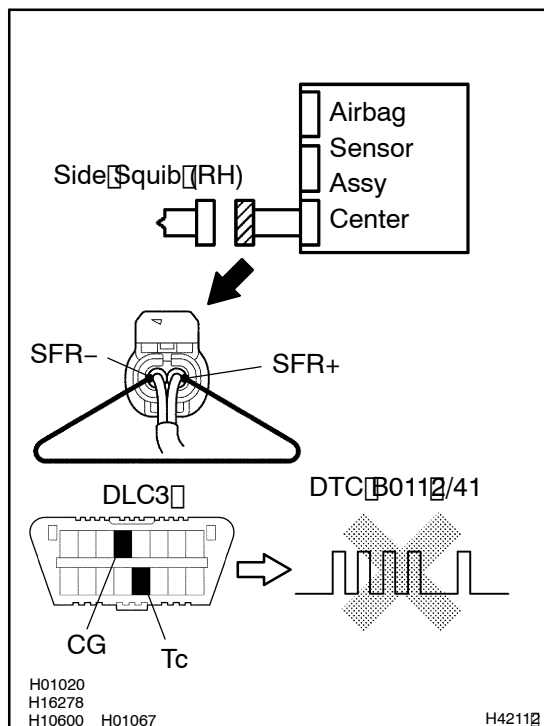**OK:**
Resistance: 1 MΩ or Higher

```
NG  ▷  REPAIR OR REPLACE WIRE HARNESS(AIR-
        BAG SENSOR ASSY CENTER – FRONT SEAT
        AIRBAG ASSY RH)
```

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST   09843−18040

(a) Connect the connector to the airbag sensor assy center.
(b) Using a service wire, connect SFR+ and SFR− of the connector (on the front seat airbag assy side) between the airbag sensor assy center and the front seat airbag assy (RH).
(c) Connect the negative (−) terminal cable to the battery, and wait at least for 2 seconds.
(d) Turn the ignition switch to ON, and wait at least for 20 seconds.
(e) Clear the DTC stored in memory (See page 05−758).
(f) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(g) Turn the ignition switch to ON, and wait at least for 20 seconds.
(h) Check the DTC (See page 05−758).
    OK:
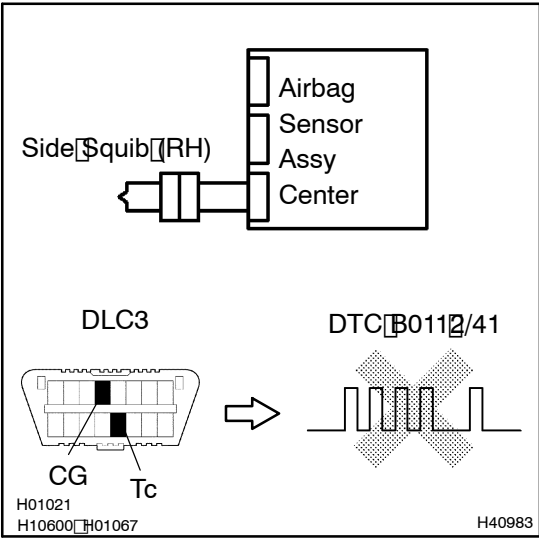   **DTC B0112/41 is not output.**
HINT:
Codes other than code B0112/41 may be output at this time, but they are not relevant to this check.

NG ＞ REPLACE AIR BAG SENSOR ASSY CENTER

OK

3	CHECK SIDE SQUIB(RH)

SST   09843–18040

Side Squib (RH)

Airbag Sensor Assy Center

DLC3   DTC B0112/41

CG   Tc

H01021
H10600 H01067   H40983

(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 front seat airbag assy (RH) connector.
(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 20 seconds.
(f) Clear the DTC stored in memory (See page 05–758).
(g) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(h) Turn the ignition switch to ON, and wait at least for 20 seconds.
(i) Check the DTC (See page 05–758).
    OK:
    DTC B0112/41 is not output.
HINT:
Codes other than code B0112/41 may be output at this time, but they are not relevant to this check.

NG	REPLACE SEPARATE TYPE FRONT SEAT BACK ASSY

OK ▽

4	USE SIMULATION METHOD TO CHECK

NG	Go to step 1

OK ▽

REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS