

DTC	B0110/43	Short in Side Squib RH Circuit
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CIRCUIT DESCRIPTION

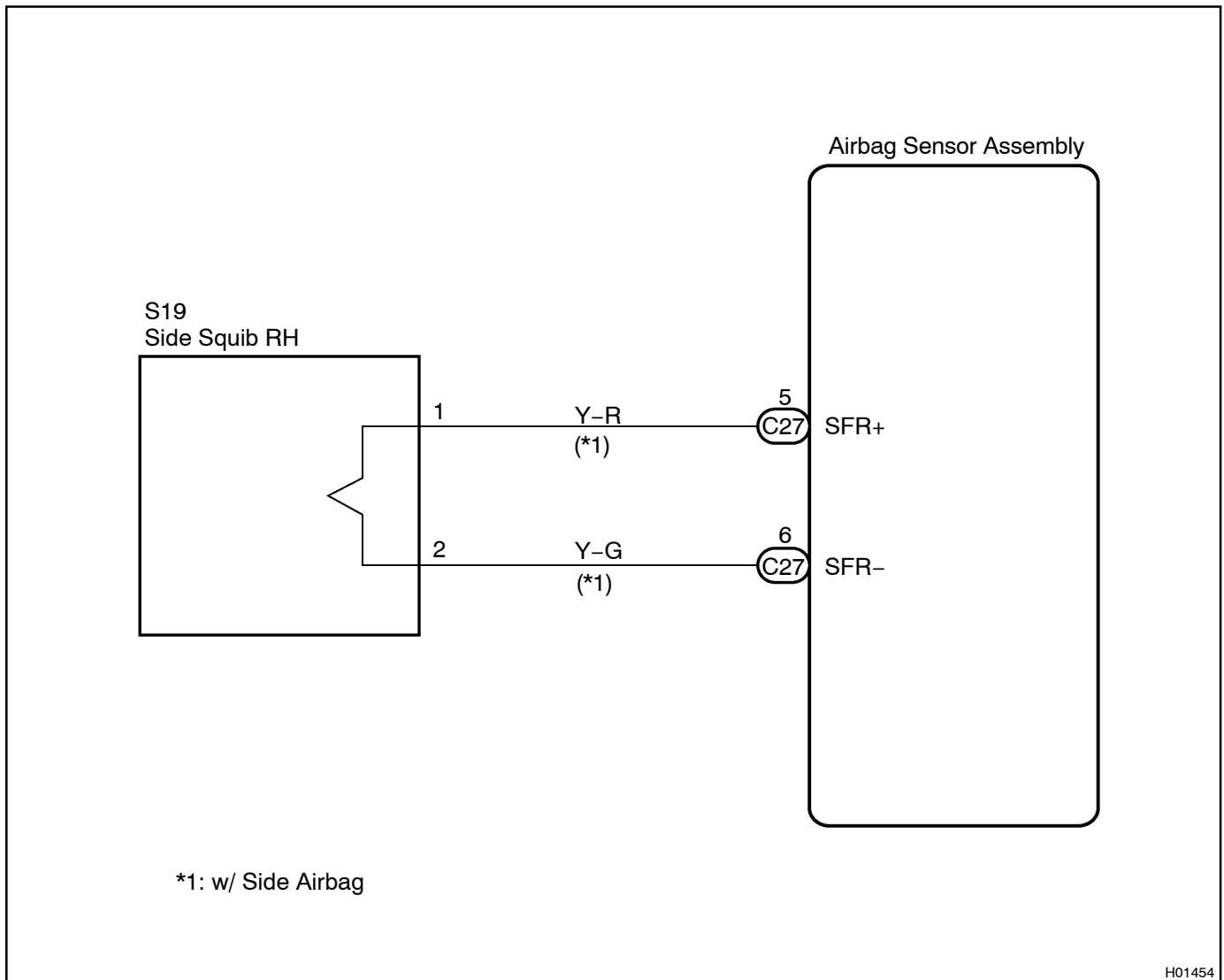
The side squib RH circuit consists of the airbag sensor assembly and the side airbag assembly RH. It causes the SRS to deploy when the SRS deployment conditions are satisfied. For details of the function of each component, see OPERATION on page [RS-3](#). DTC B0110/43 is recorded when a short is detected in the side squib RH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B0110/43	• Short in side squib RH circuit • Side squib RH malfunction • Airbag sensor assembly malfunction	• Side airbag assembly RH (Side squib RH) • Airbag sensor assembly • Floor No. 2 wire

HINT:

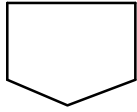
DTC B0110/43 is indicated only for the vehicle equipped with the side airbag.

WIRING DIAGRAM

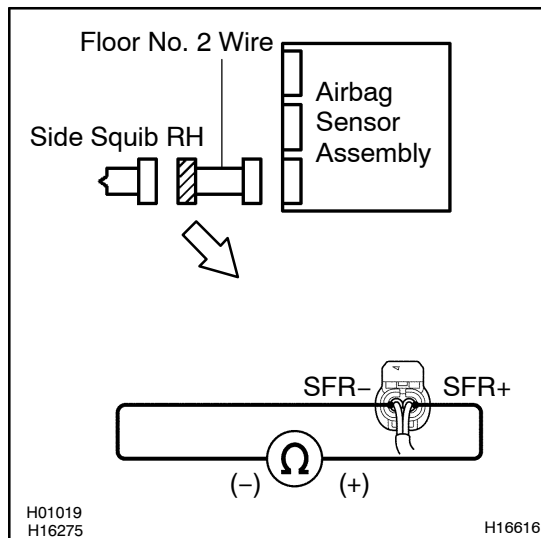


INSPECTION PROCEDURE

- 1 Prepare for inspection (See step 1 on page [DI-923](#)).



- 2 Check floor No. 2 wire (side squib RH circuit).

**PREPARATION:**

Release the airbag activation prevention mechanism built in the connector of the floor No. 2 wire on the airbag sensor assembly side (See page [DI-692](#)).

CHECK:

Measure the resistance between SFR+ and SFR- of the floor No. 2 wire connector on the side airbag assembly RH (side squib RH) side.

OK:

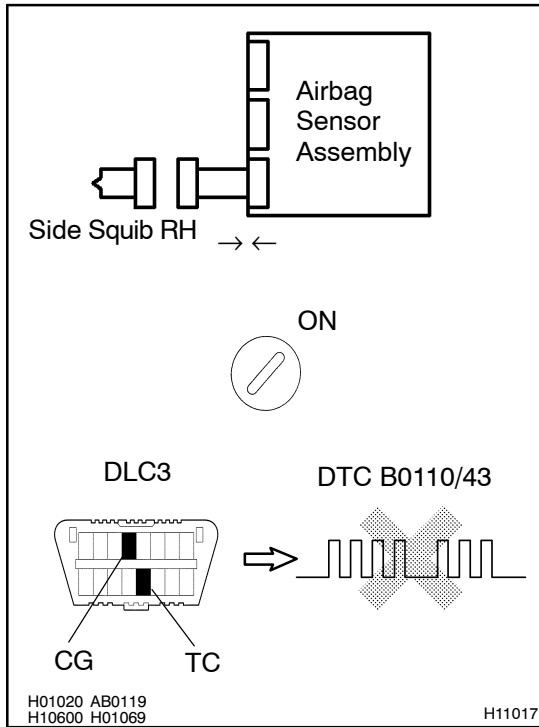
Resistance: 1 MΩ or Higher

NG

Replace floor No. 2 wire.

OK

3 Check airbag sensor assembly.



PREPARATION:

- Connect the connector to the airbag sensor assembly.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page [DI-692](#)).
- 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 [DI-692](#)).

OK:

DTC B0110/43 is not output.

HINT:

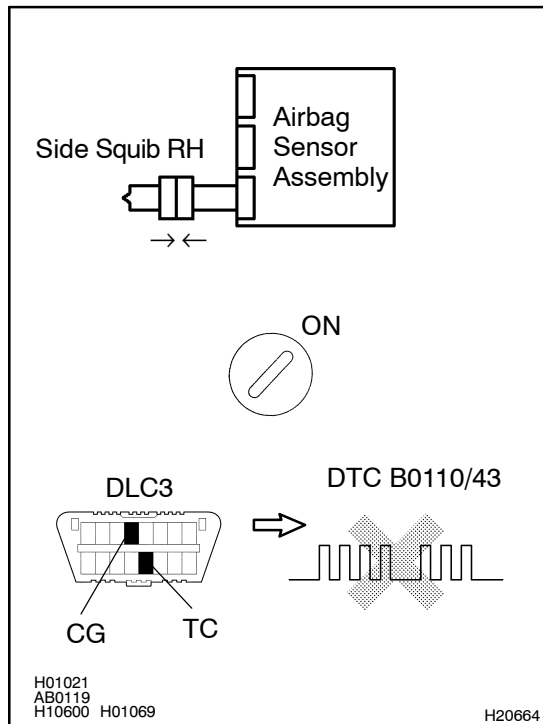
Codes other than code B0110/43 may be output at this time, but they are not relevant to this check.

NG

Replace airbag sensor assembly.

OK

4 Check side squib RH.



PREPARATION:

- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the side airbag assembly RH (side squib RH) connector.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page [DI-692](#)).
- 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 [DI-692](#)).

OK:

DTC B0110/43 is not output.

HINT:

Codes other than code B0110/43 may be output at this time, but they are not relevant to this check.

NG

Replace side airbag assembly RH (side squib RH).

OK

From the results of the above inspection, the malfunctioning part can now be considered normal. To make sure of this, use the simulation method to check.