

DTC	B1165/87	Short in Curtain Shield Squib LH Circuit
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CIRCUIT DESCRIPTION

The curtain shield squib LH circuit consists of the airbag sensor assembly and the curtain shield airbag assembly LH.

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](#).

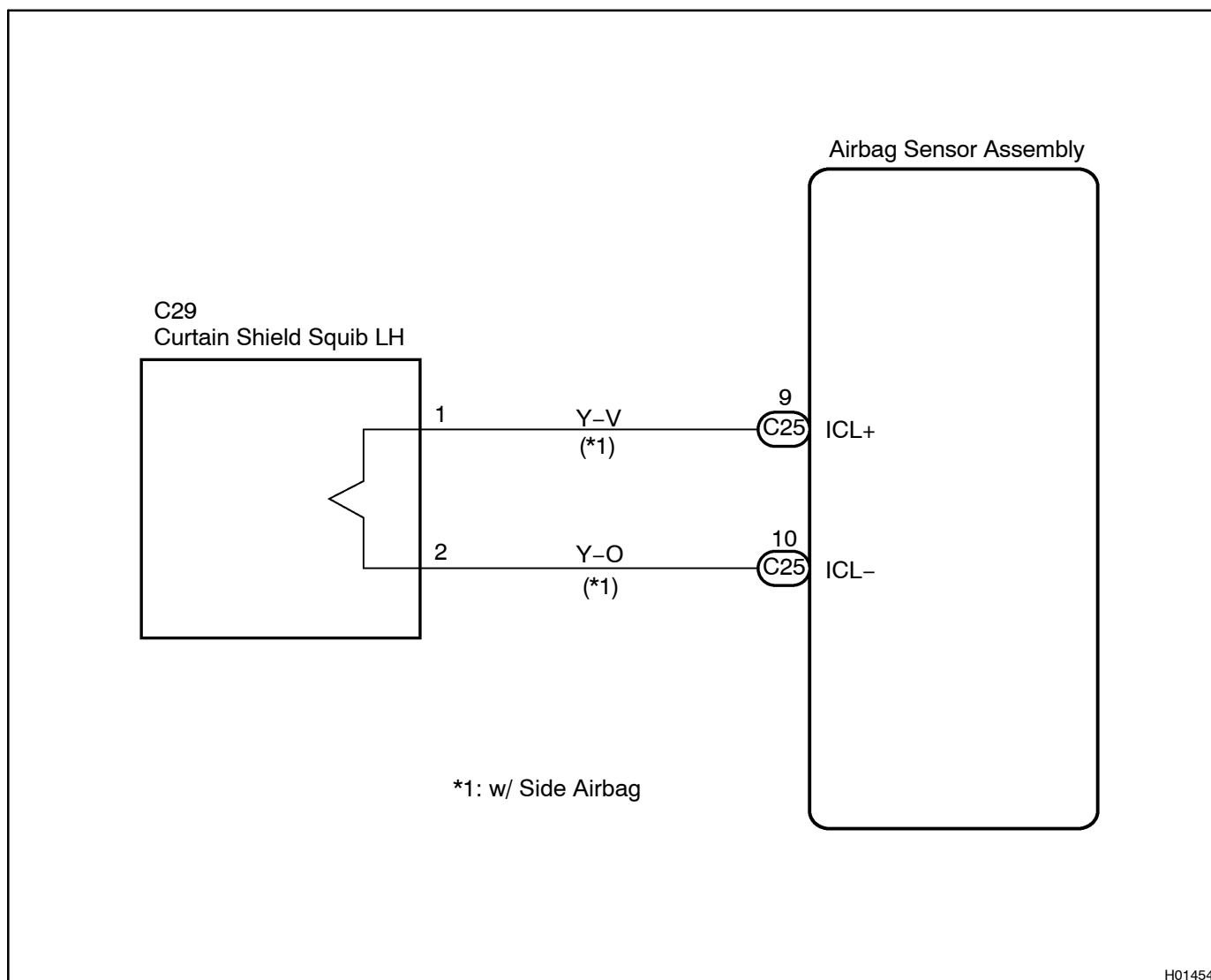
DTC B1165/87 is recorded when a short is detected in the curtain shield squib LH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1165/87	• Short in curtain shield squib LH circuit • Curtain shield squib LH malfunction • Airbag sensor assembly malfunction	• Curtain shield airbag assembly LH (Curtain shield squib LH) • Airbag sensor assembly • Floor No. 1 wire

HINT:

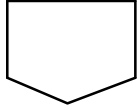
DTC B1165/87 is indicated only for the vehicle equipped with the side airbag.

WIRING DIAGRAM

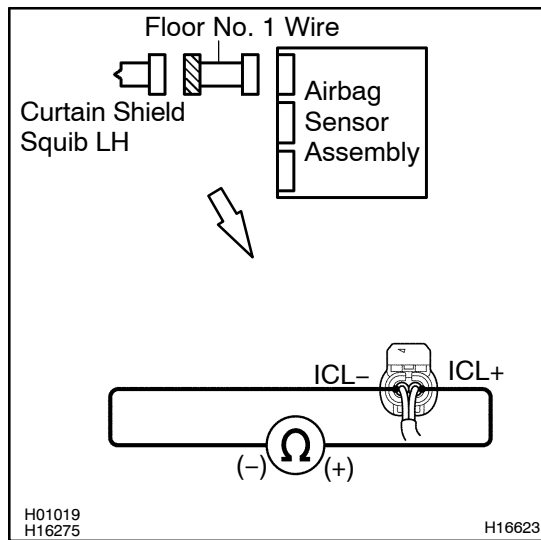


INSPECTION PROCEDURE

- 1 Prepare for inspection (See step 1 on page [DI-754](#)).



- 2 Check floor No. 1 wire (curtain shield squib LH circuit).



PREPARATION:

Release the airbag activation prevention mechanism built in the connector of the floor No. 1 wire on the airbag sensor assembly side (See page [DI-523](#)).

CHECK:

Measure the resistance between ICL+ and ICL- of the floor No. 1 wire connector on the curtain shield airbag assembly LH (curtain shield squib LH) side.

OK:

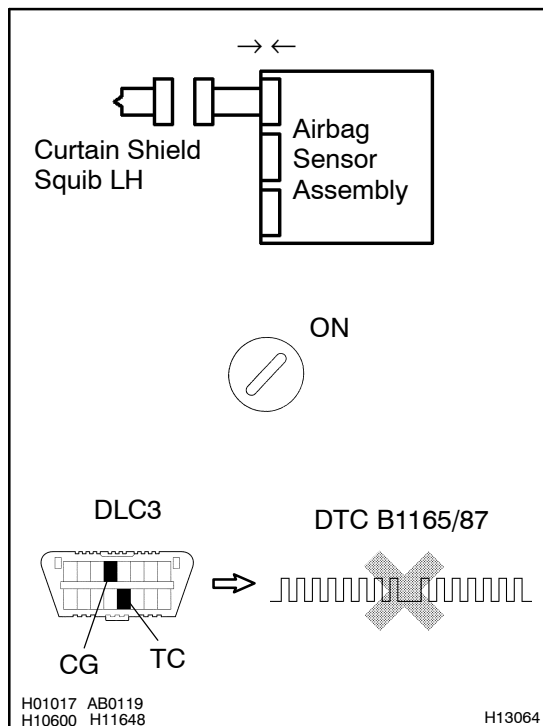
Resistance: 1 MΩ or Higher

NG

Replace floor No. 1 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-523](#)).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch or ON, and wait at least for 10 seconds.
- Check the DTC (See page [DI-523](#)).

OK:

DTC B1165/87 is not output.

HINT:

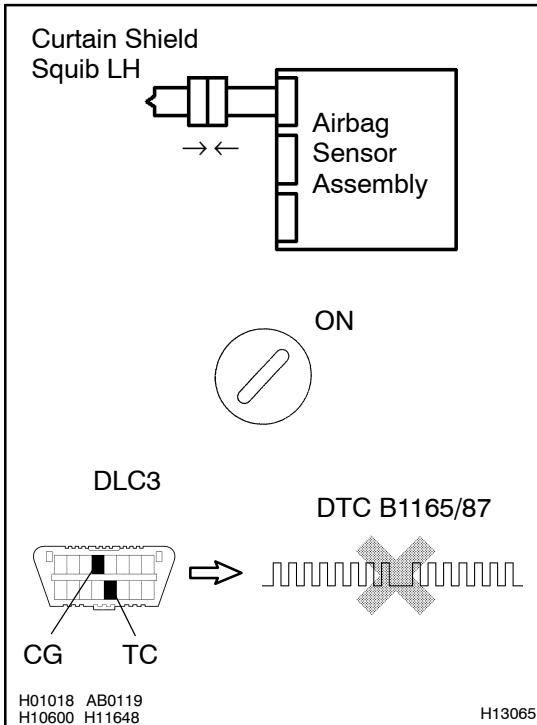
Codes other than code B1165/87 may be output at this time, but they are not relevant to this check.

NG

Replace airbag sensor assembly.

OK

4 Check curtain shield squib LH.



PREPARATION:

- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the curtain shield airbag assembly LH (curtain shield squib LH) 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-523](#)).
- 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-523](#)).

OK:

DTC B1165/87 is not output.

HINT:

Codes other than code B1165/87 may be output at this time, but they are not relevant to this check.

NG

Replace curtain shield airbag assembly LH (curtain shield squib LH).

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.