DTC	B1160/83	Short in Curtain Shield Squib RH Circuit

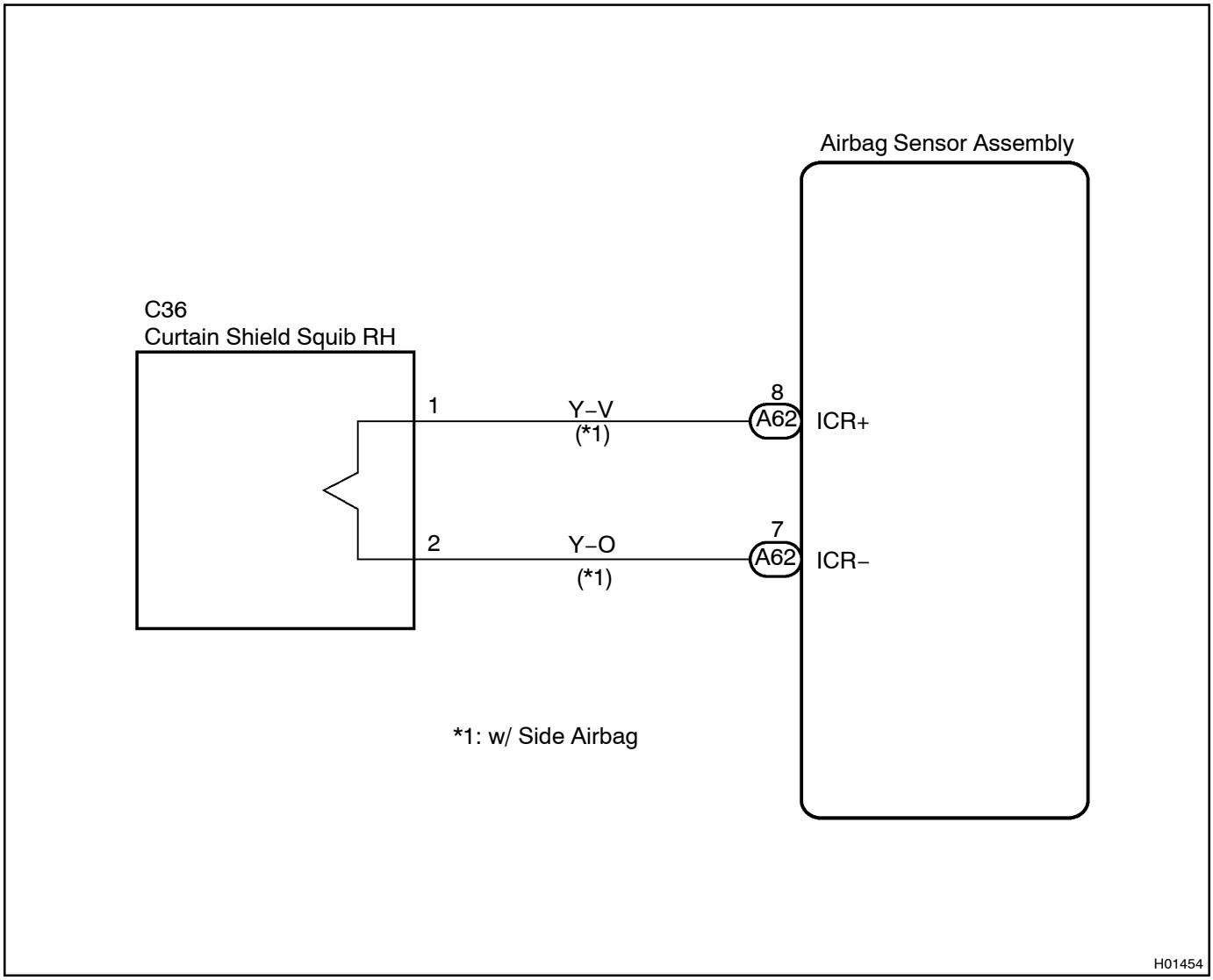
CIRCUIT DESCRIPTION

The curtain shield squib RH circuit consists of the airbag sensor assembly and the curtain shield 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 B1110/83 is recorded when a short is detected in the curtain shield squib RH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1110/83	• Short in curtain shield squib RH circuit • Curtain shield squib RH malfunction • Airbag sensor assembly malfunction	• Curtain shield airbag assembly RH (Curtain shield squib RH) • Airbag sensor assembly • Floor No. 2 wire

HINT:
DTC B1160/83 is indicated only for the vehicle equipped with the side airbag.

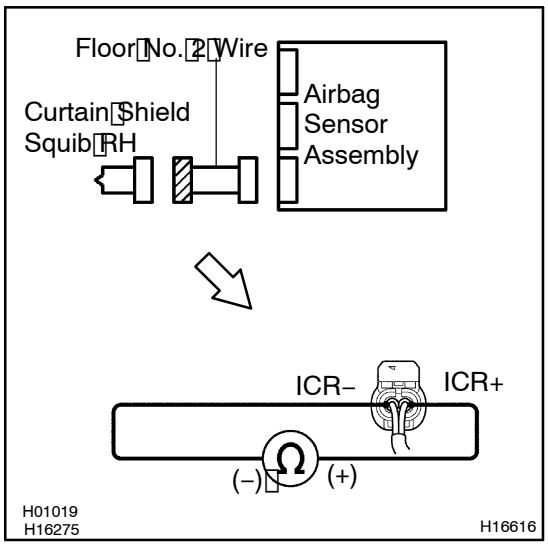
WIRING DIAGRAM



INSPECTION PROCEDURE

1	Prepare for inspection (See step 1 on page DI–764).

2	Check floor No. 2 wire (curtain shield 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–432).

CHECK:

Measure the resistance between ICR+ and ICR– of the floor No. 2 wire connector on the curtain shield airbag assembly RH (curtain shield squib RH) side.

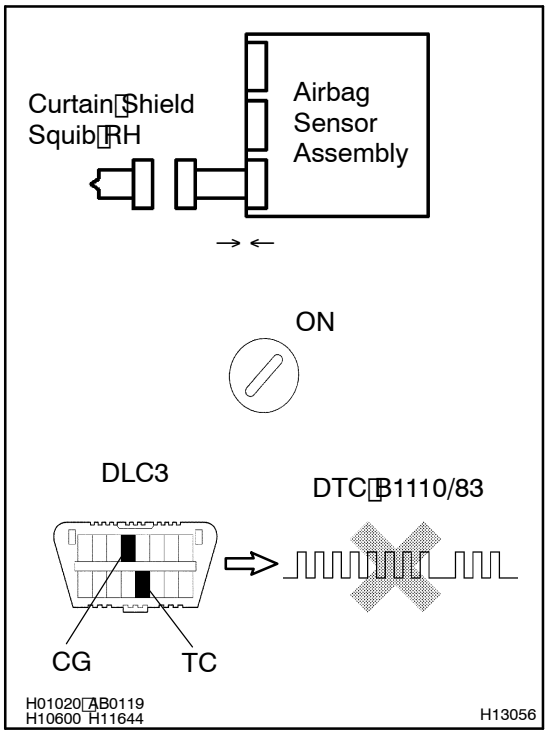
OK:

Resistance: 1 MΩ or Higher

NG	Repair or replace floor No. 2 wire.

OK

3	Check airbag sensor assembly.



PREPARATION:

(a) Connect the connector to the airbag sensor assembly.

(b) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

(a) Turn the ignition switch to ON, and wait at least for 10 seconds.

(b) Clear the DTC stored in memory (See page DI–432).

(c) Turn the ignition switch to LOCK, and wait at least for 10 seconds.

(d) Turn the ignition switch to ON, and wait at least for 10 seconds.

(e) Check the DTC (See page DI–432).

OK:

DTC B1110/83 is not output.

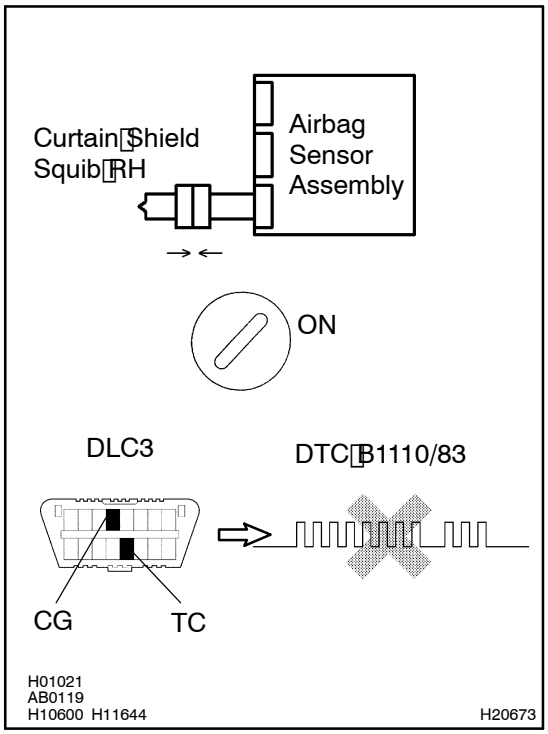
HINT:

Codes other than code B1110/83 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 RH.



PREPARATION:

(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 curtain shield airbag assembly RH (curtain shield squib RH) connector.

(d) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:

(a) Turn the ignition switch to ON, and wait at least for 10 seconds.

(b) Clear the DTC stored in memory (See page DI–432).

(c) Turn the ignition switch to LOCK, and wait at least for 10 seconds.

(d) Turn the ignition switch to ON, and wait at least for 10 seconds.

(e) Check the DTC (See page DI–432).

OK:

DTC B1110/83 is not output.

HINT:

Codes other than code B1110/83 may be output at this time, but they are not relevant to this check.

NG	Replace curtain shield airbag assembly RH (curtain shield 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.