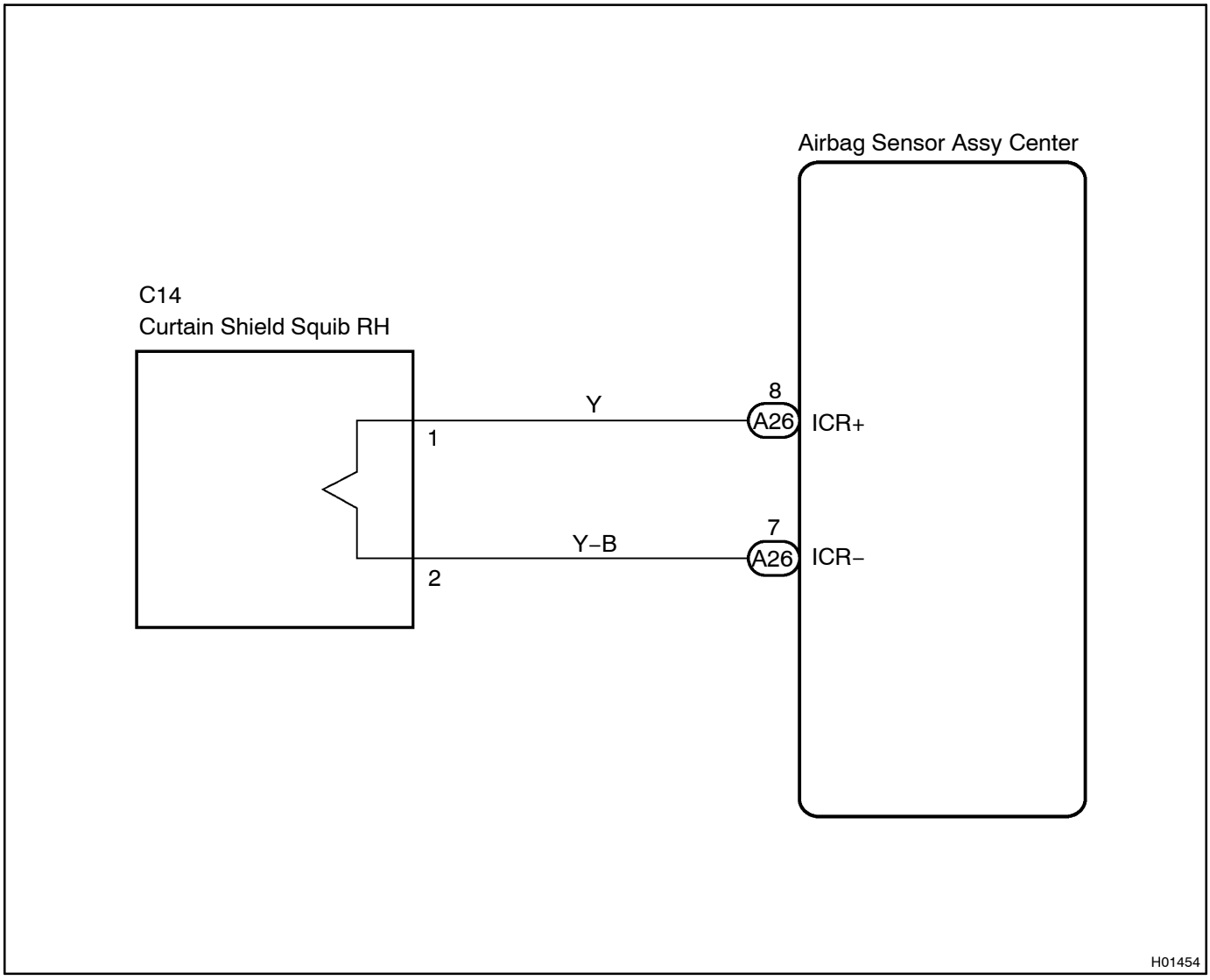
DTC	B1160/83	SHORT IN CURTAIN SHIELD SQUIB (RH) CIRCUIT

CIRCUIT DESCRIPTION

The curtain shield squib RH circuit consists of the airbag sensor assy center and the curtain shield airbag assy RH.
The circuit instructs the SRS to deploy when deployment conditions are met.
DTC B1160/83 is recorded when a short circuit is detected in the curtain shield squib RH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1160/83	• Short circuit between ICR+ wire harness and ICR– wire harness of curtain shield squib RH • Curtain shield squib RH malfunction • Airbag sensor assy center malfunction	• Curtain shield airbag assy RH (Curtain shield squib RH) • Airbag sensor assy center • Floor wire

WIRING DIAGRAM



INSPECTION PROCEDURE

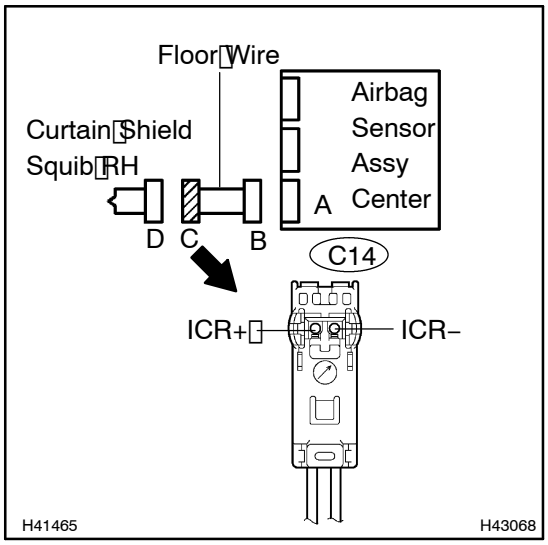
1 CHECK CONNECTOR

(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the negative (–) terminal cable from the battery, and wait for at least for 90 seconds.
(c) Disconnect the connectors from the curtain shield airbag assy RH.
(d) Check that the floor wire connector (on the curtain shield airbag assy RH side) is not damaged.
OK:
The lock button is not disengaged, or the claw of the lock is not deformed or damaged.

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

2 CHECK FLOOR WIRE(CURTAIN SHIELD SQUIB RH CIRCUIT)



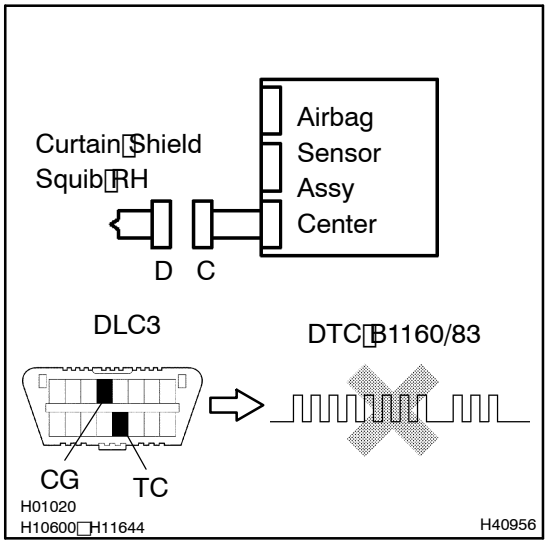
(a) Disconnect the connector from the airbag sensor assy center.
(b) Release the activation prevention mechanism built into connector "B" (see page 05–507).
(c) Measure the resistance according to the value(s) in the table below.
Standard:

Tester connection	Condition	Specified condition
C14–1 (ICR+) – C14–2 (ICR–)	Always	1 MΩ or Higher

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

3	CHECK AIR BAG SENSOR ASSY CENTER



(a) Connect the connector to the airbag sensor assy center.
(b) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(d) Clear the DTCs stored in memory (see page 05–513).
(e) Turn the ignition switch to the LOCK position.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Check the DTCs (see page 05–513).

OK:

DTC B1160/83 is not output.

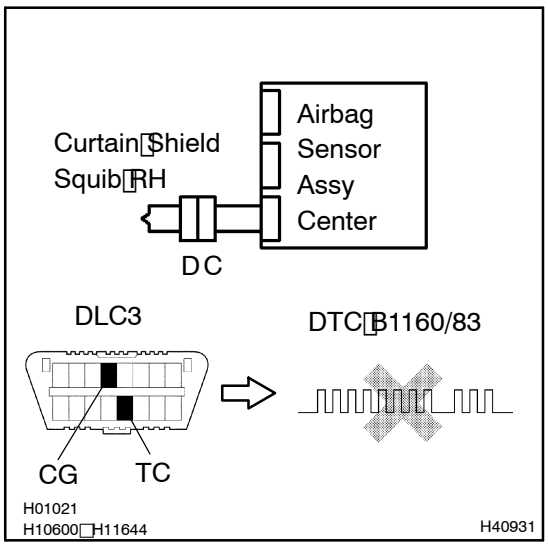
HINT:

Codes other than code B1160/83 may be output at this time, but they are not related to this check.

NG → **REPLACE AIR BAG SENSOR ASSY CENTER**

OK

4	CHECK CURTAIN SHIELD AIRBAG ASSY RH(CURTAIN SHIELD SQUIB RH)



(a) Turn the ignition switch to the LOCK position.
(b) Connect the negative (–) terminal cable from the battery, and wait for at least 90 seconds.
(c) Connect the connector to the curtain shield airbag assy RH.
(d) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(f) Clear the DTCs stored in memory (see page 05–513).
(g) Turn the ignition switch to the LOCK position.
(h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(i) Check the DTCs (see page 05–513).
OK:
DTC B1160/83 is not output.

HINT:
Codes other than code B1160/83 may be output at this time, but they are not related to this check.

NG → **REPLACE CURTAIN SHIELD AIRBAG ASSY RH**

OK

USE SIMULATION METHOD TO CHECK

HINT:

- Before performing the simulation method, check that the airbag sensor assy center is in check mode (see page 05–516).
- Perform the simulation method by selecting the check mode with the hand-held tester (see page 05–516).
- After selecting the check mode, perform the simulation method by wiggling each connector of the airbag system or driving the vehicle on a city or rough road (see page 05–516).