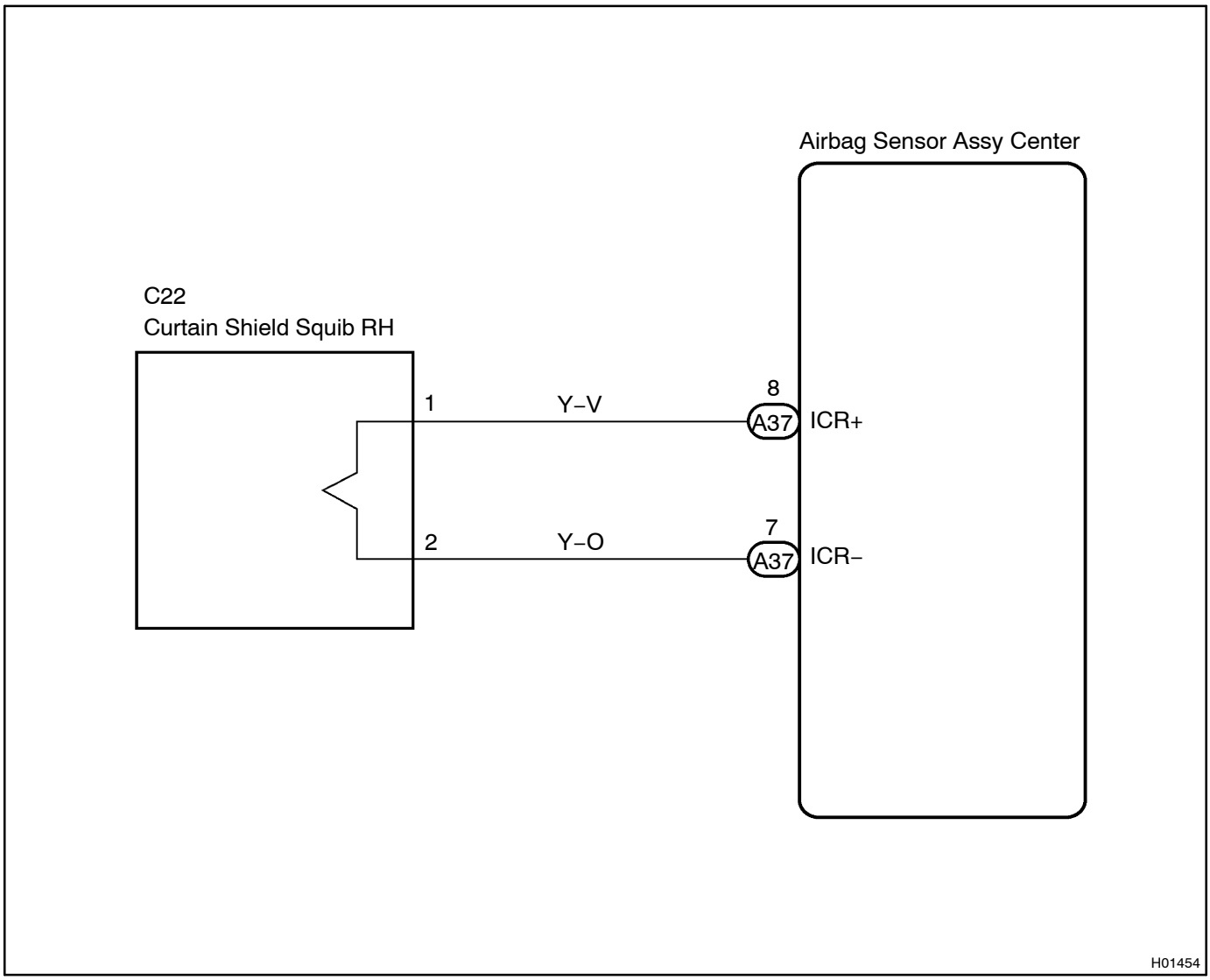
DTC	B1160/83	SHORT IN CURTAIN SHIELD SQUIB (RH) CIRCUIT

CIRCUIT DESCRIPTION

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

DTC No.	DTC Detecting Condition	Trouble Area
B1160/83	• Short in curtain shield squib RH circuit • 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

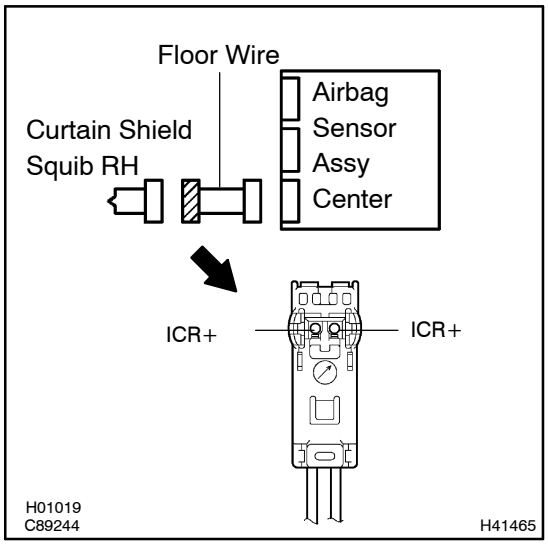
1	CHECK CONNECTOR

(a) Make sure that the connector is not damaged.
OK:
The lock button is not disengaged, or the claw of the lock is not deformed or damaged.

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

OK

2	CHECK FLOOR WIRE (CURTAIN SHIELD SQUIB RH CIRCUIT)



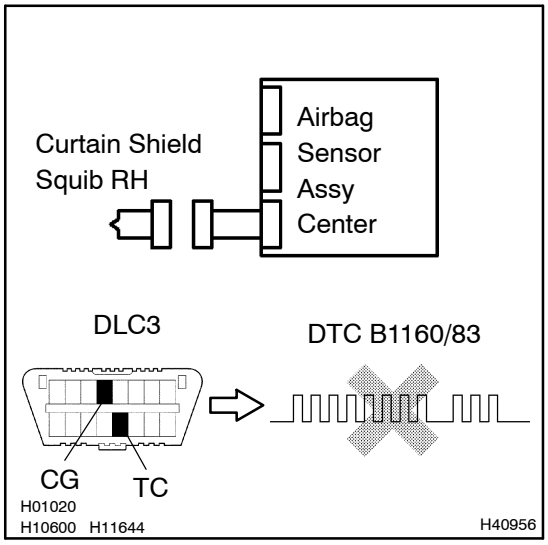
(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the curtain shield airbag assy RH.
(c) Release the airbag activation prevention mechanism built in the connector of the floor wire on the airbag sensor assy center side (See page 05–1122).
(d) Measure the resistance between ICR+ and ICR– of the floor wire connector on the curtain shield airbag assy RH side.
OK:
Resistance: 1 MΩ or Higher

NG → **REPAIR OR REPLACE FLOOR WIRE**

OK

3 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843–18040



(a) Connect the connector to the airbag sensor assy center.
(b) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(c) Turn the ignition switch to ON, and wait at least for 10 seconds.
(d) Clear the DTC stored in memory (See page 05–1122).
(e) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(f) Turn the ignition switch to ON, and wait at least for 10 seconds.
(g) Check the DTC (See page 05–1122).
OK:
DTC B1160/83 is not output.

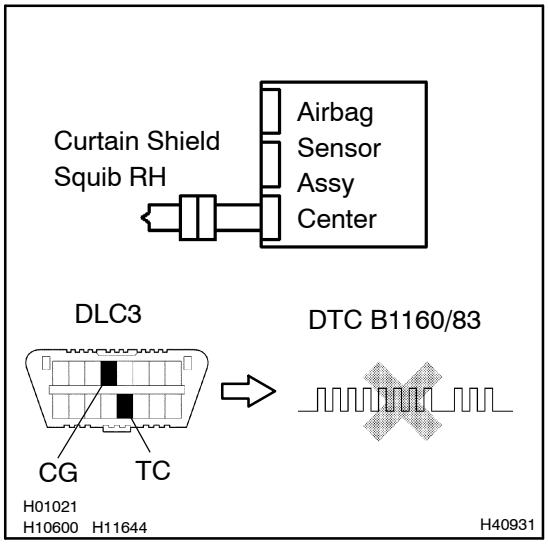
HINT:
Codes other than code B1160/83 may be output at this time, but they are not relevant to this check.

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

OK

4	CHECK CURTAIN SHIELD SQUIB (RH)

SST 09843–18040



(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 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 10 seconds.
(f) Clear the DTC stored in memory (See page 05–1122).
(g) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(h) Turn the ignition switch to ON, and wait at least for 10 seconds.
(i) Check the DTC (See page 05–1122).
OK:
DTC B1160/83 is not output.

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

NG → **REPLACE CURTAIN SHIELD AIR BAG ASSY RH**

OK

USE SIMULATION METHOD TO CHECK