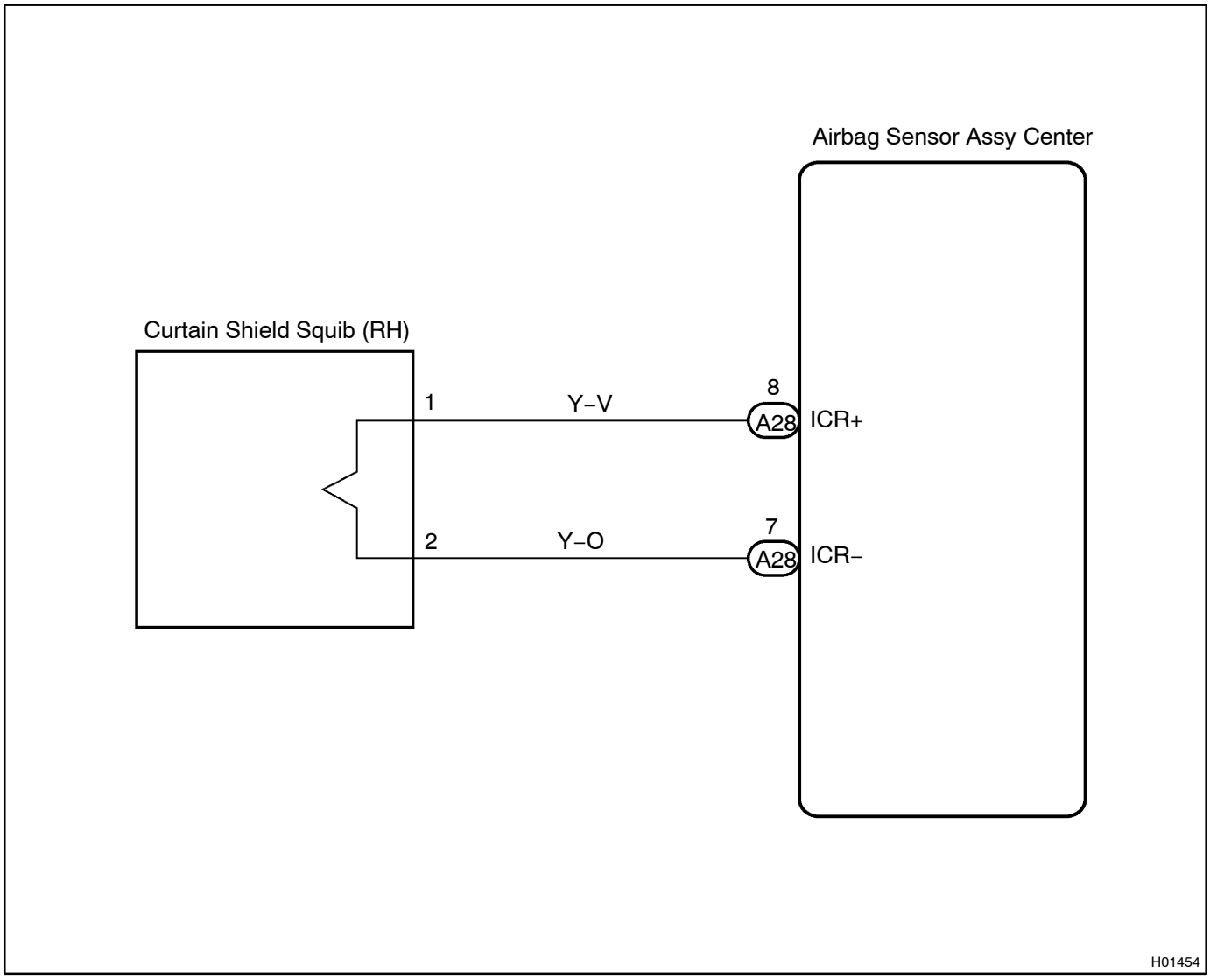
DTC	B1160/83	SHORT IN CURTAIN SHIELD SQUIB (RH) CIRCUIT

CIRCUIT DESCRIPTION

The curtain shield squib (RH) circuit consists of the airbag sensor assy center and 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.

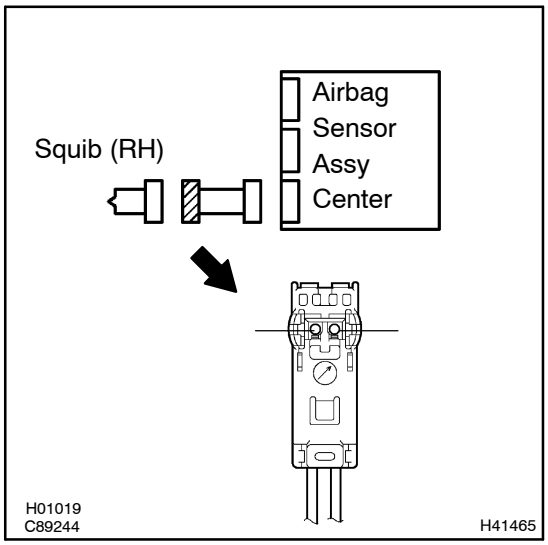
DTC No.	DTC Detecting Condition	Trouble Area
B1160/83	• Short circuit between ICR+ wire harness and ICR– wire harness of squib • Curtain shield squib (RH) malfunction • Airbag sensor assy center malfunction	• Curtain shield airbag assy (RH) • Airbag sensor assy center • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CURTAIN SHIELD SQUIB(RH) CIRCUIT(AIRBAG SENSOR ASSY CENTER – CURTAIN SHIELD AIRBAG ASSY RH)



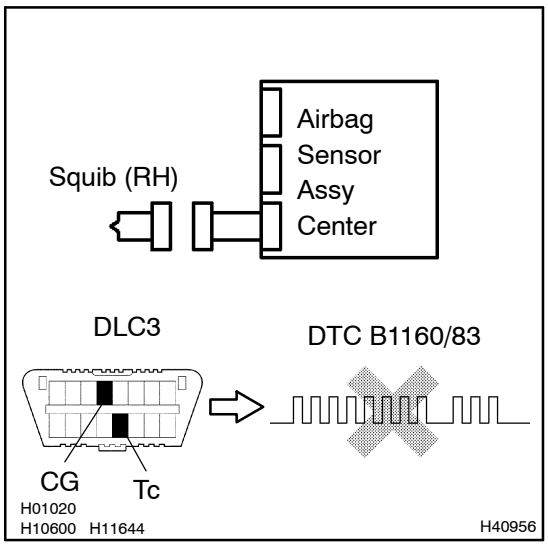
(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the curtain shield airbag assy (RH).
(c) Release the airbag activation prevention mechanism of the connector (on the airbag sensor assy center side) between the airbag sensor assy center and the curtain shield airbag assy (RH) (See page 05–758).
(d) For the connector (on the curtain shield airbag assy side) between the airbag sensor assy center and the curtain shield airbag assy (RH), measure the resistance between ICR+ and ICR–.
OK:
Resistance: 1 MΩ or Higher

NG	REPAIR OR REPLACE WIRE HARNESS

OK

2	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 20 seconds.
(d) Clear the DTC stored in memory (See page 05–758).
(e) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(f) Turn the ignition switch to ON, and wait at least for 20 seconds.
(g) Check the DTC (See page 05–758).
OK:
DTC B1160/83 is not output.

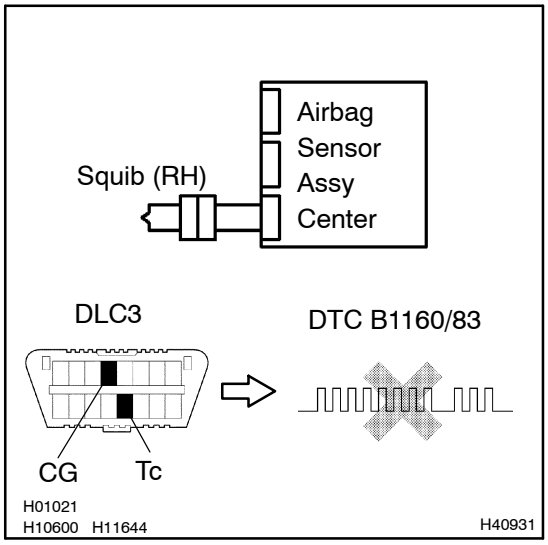
HINT:
Codes other than code B1160/83 may be output at this time, but they are not relevant to this check.

NG	REPLACE AIR BAG SENSOR ASSY CENTER

OK

3	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 20 seconds.
(f) Clear the DTC stored in memory (See page 05–758).
(g) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(h) Turn the ignition switch to ON, and wait at least for 20 seconds.
(i) Check the DTC (See page 05–758).
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