DTC	B1166/88	OPEN IN CURTAIN SHIELD SQUIB (LH) CIRCUIT

CIRCUIT DESCRIPTION

The curtain shield squib LH circuit consists of the airbag sensor assy center and the curtain shield airbag assy LH.
It causes the SRS to deploy when the SRS deployment conditions are satisfied.
DTC B1166/88 is recorded when an open is detected in the curtain shield squib LH circuit.

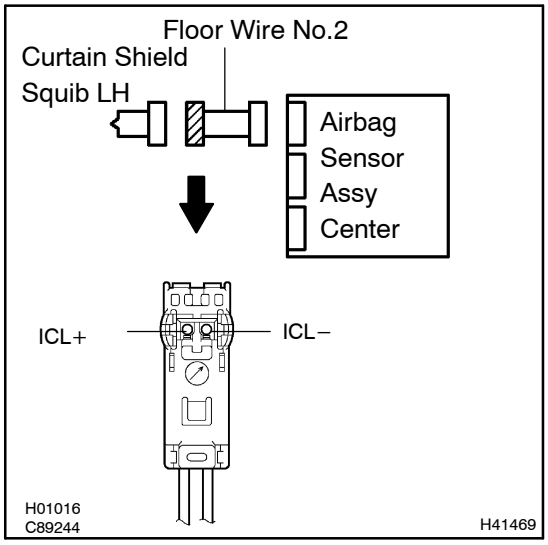
DTC No.	DTC Detecting Condition	Trouble Area
B1166/88	• Open in curtain shield squib LH circuit • Curtain shield squib LH malfunction • Airbag sensor assy center malfunction	• Curtain shield airbag assy LH (Curtain shield squib LH) • Airbag sensor assy center • Floor wire No.2

WIRING DIAGRAM

See page 05–1284.

INSPECTION PROCEDURE

1	CHECK FLOOR WIRE NO.2 (CURTAIN SHIELD SQUIB LH CIRCUIT)



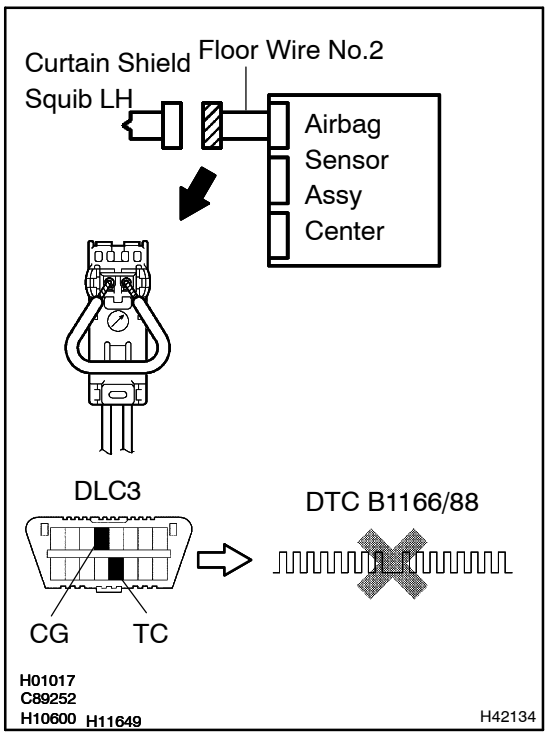
(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the curtain shield airbag assy LH.
(c) Measure the resistance between ICL+ and ICL– of the floor wire No.2 connector on the curtain shield airbag assy LH side.
OK:
Resistance: Below 1 Ω

NG → **REPAIR OR REPLACE FLOOR WIRE NO.2**

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843–18040



(a) Connect the connector to the airbag sensor assy center.
(b) Using a service wire, connect ICL+ and ICL– of the floor wire No.2 connector on the curtain shield airbag assy LH side.
(c) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(d) Turn the ignition switch to ON, and wait at least for 10 seconds.
(e) Clear the DTC stored in memory (See page 05–1122).
(f) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(g) Turn the ignition switch to ON, and wait at least for 10 seconds.
(h) Check the DTC (See page 05–1122).
OK:
DTC B1166/88 is not output.

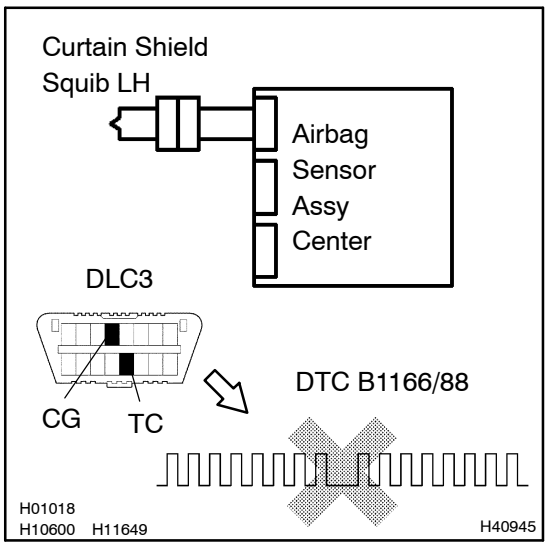
HINT:
Codes other than code B1166/88 may be output at this time, but they are not relevant to this check.

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

OK

3	CHECK CURTAIN SHIELD SQUIB (LH)

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 LH 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 B1166/88 is not output.

HINT:
Codes other than code B1166/88 may be output at this time, but they are not relevant to this check.

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

OK

USE SIMULATION METHOD TO CHECK