DTC	B1167/85	Short in Curtain Shield Squib LH Circuit (to Ground)

CIRCUIT DESCRIPTION

The curtain shield squib LH circuit consists of the airbag sensor assembly and the curtain shield airbag assembly LH.

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 B1167/85 is recorded when ground short is detected in the curtain shield squib LH circuit.

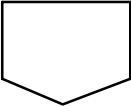| DTC No.	DTC Detecting Condition	Trouble Area
B1167/85	• Short in curtain shield squib LH circuit (to ground) • Curtain shield squib LH malfunction • Airbag sensor assembly malfunction	• Curtain shield airbag assembly LH (Curtain shield squib LH) • Airbag sensor assembly • Floor No. 1 wire

HINT:

DTC B1167/85 is indicated only for the vehicle equipped with the side airbag.
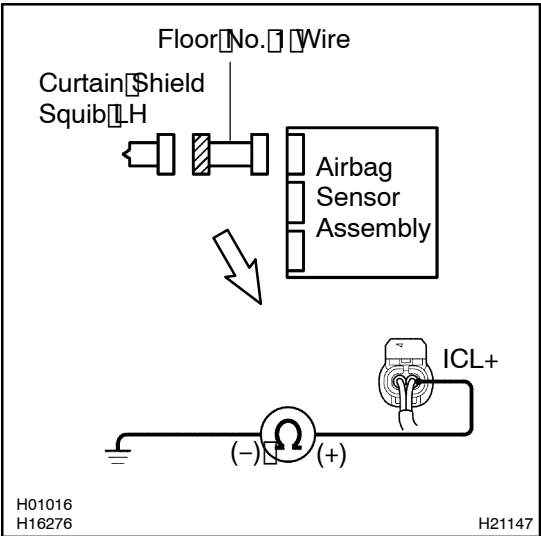
WIRING DIAGRAM

See page DI–693.

INSPECTION PROCEDURE

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

2	Check floor No. 1 wire (curtain shield squib LH circuit).

Curtain Shield Squib LH
Floor No. 1 Wire
Airbag Sensor Assembly
ICL+
(–) Ω (+)

H01016
H16276
H21147

CHECK:

Measure the resistance between the body ground and ICL+ of the floor No. 1 wire connector on the curtain shield airbag assembly LH (curtain shield squib LH) side.
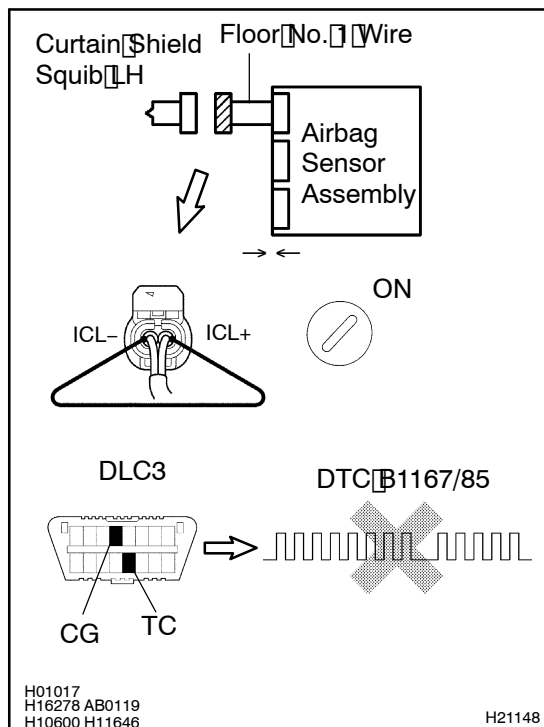
OK:

Resistance: 1 MΩ or Higher

NG	Repair or replace floor No. 1 wire.

OK

3	Check airbag sensor assembly.

Curtain Shield Squib LH
Floor No. 1 Wire

Airbag Sensor Assembly

ICL− ICL+
ON

DLC3
DTC B1167/85

CG TC

H01017
H16278 AB0119
H10600 H11646
H21148

PREPARATION:
(a) Connect the connector to the airbag sensor assembly.
(b) Using a service wire, connect ICL+ and ICL− of the floor No. 1 wire connector on the curtain shield airbag assembly LH (curtain shield squib LH) side.
(c) 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 B1167/85 is not output.

HINT:
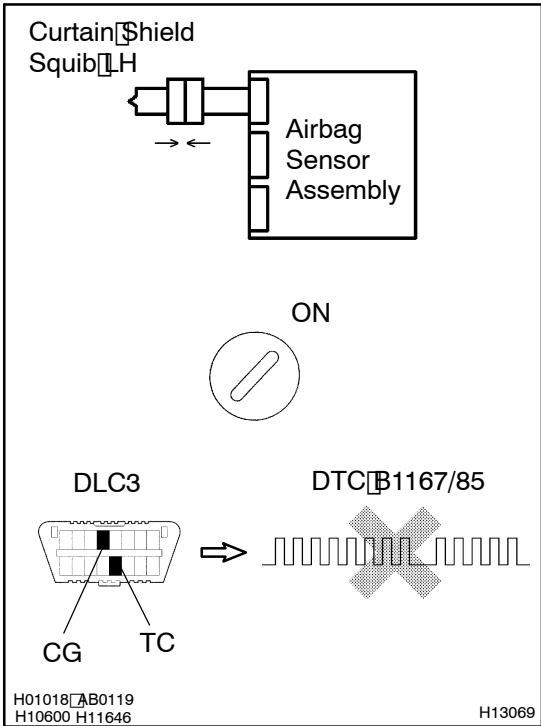Codes other than code B1167/85 may be output at this time, but they are not relevant to this check.

NG	**Replace airbag sensor assembly.**

OK

4	Check curtain shield squib LH.

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 LH (curtain shield squib LH) 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 B1167/85 is not output.

HINT:

Codes other than code B1167/85 may be output at this time, but they are not relevant to this check.

NG >	**Replace curtain shield airbag assembly LH (curtain shield squib LH).**

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. If the malfunctioning part can not be detected by the simulation method, replace all SRS components including the wire harness.