DIATS–01

DTC	B1161/84	Open in Curtain Shield Squib RH Circuit

CIRCUIT DESCRIPTION

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

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 B1161/84 is recorded when an open is detected in the curtain shield squib RH circuit.

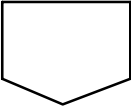| DTC No.	DTC Detecting Condition	Trouble Area
B1161/84	• Open in curtain shield squib RH circuit • Curtain shield squib RH malfunction • Airbag sensor assembly malfunction	• Curtain shield airbag assembly RH (Curtain shield squib RH) • Airbag sensor assembly • Floor No. 2 wire

HINT:

DTC B1161/84 is indicated only for the vehicle equipped with the side airbag.
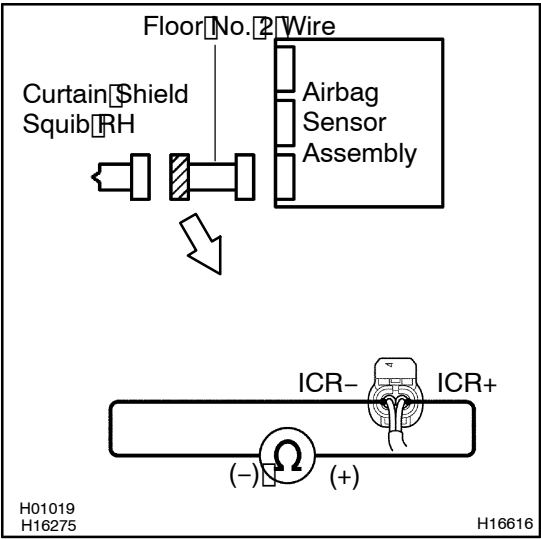
WIRING DIAGRAM

See page DI–693.

INSPECTION PROCEDURE

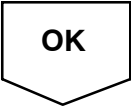| 1	Prepare for inspection (See step 1 on page DI–764).

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

Floor No. 2 Wire

Curtain Shield Squib RH

Airbag Sensor Assembly

ICR− ICR+

(−) Ω (+)

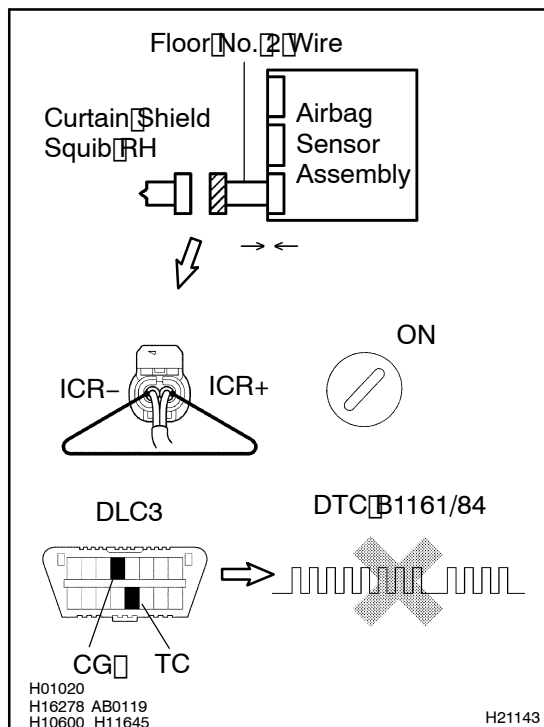H01019
H16275   H16616

CHECK:

Measure the resistance between ICR+ and ICR− of the floor No. 2 wire connector on the curtain shield airbag assembly RH (curtain shield squib RH) side.

OK:

Resistance: Below 1 Ω

NG	Repair or replace floor No. 2 wire.

OK

3	Check airbag sensor assembly.

Floor No. 2 Wire

Curtain Shield
Squib RH

Airbag
Sensor
Assembly

→ ←

ICR−   ICR+   ON

DLC3   DTC B1161/84

CG   TC

H01020
H16278 AB0119
H10600 H11645
H21143

PREPARATION:
(a) Connect the connector to the airbag sensor assembly.
(b) Using a service wire, connect ICR+ and ICR− of the floor No. 2 wire connector on the curtain shield airbag assembly RH (curtain shield squib RH) 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 B1161/84 is not output.
HINT:
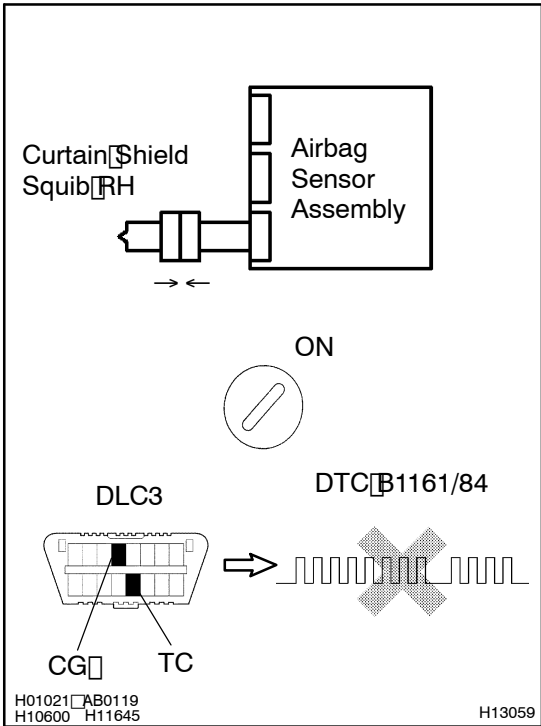Codes other than code B1161/84 may be output at this time, but they are not relevant to this check.

NG	Replace airbag sensor assembly.

OK

4	Check curtain shield squib RH.

Curtain Shield Squib RH — Airbag Sensor Assembly

→ ←

ON

DLC3

DTC B1161/84

CG   TC

H01021 AB0119
H10600 H11645   H13059

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 RH (curtain shield squib RH) 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 B1161/84 is not output.

HINT:
Codes other than code B1161/84 may be output at this time, but they are not relevant to this check.

NG	Replace curtain shield airbag assembly RH (curtain shield squib RH).

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.