DIATV−01

DTC	B1165/87	Short in Curtain Shield Squib LH Circuit

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.

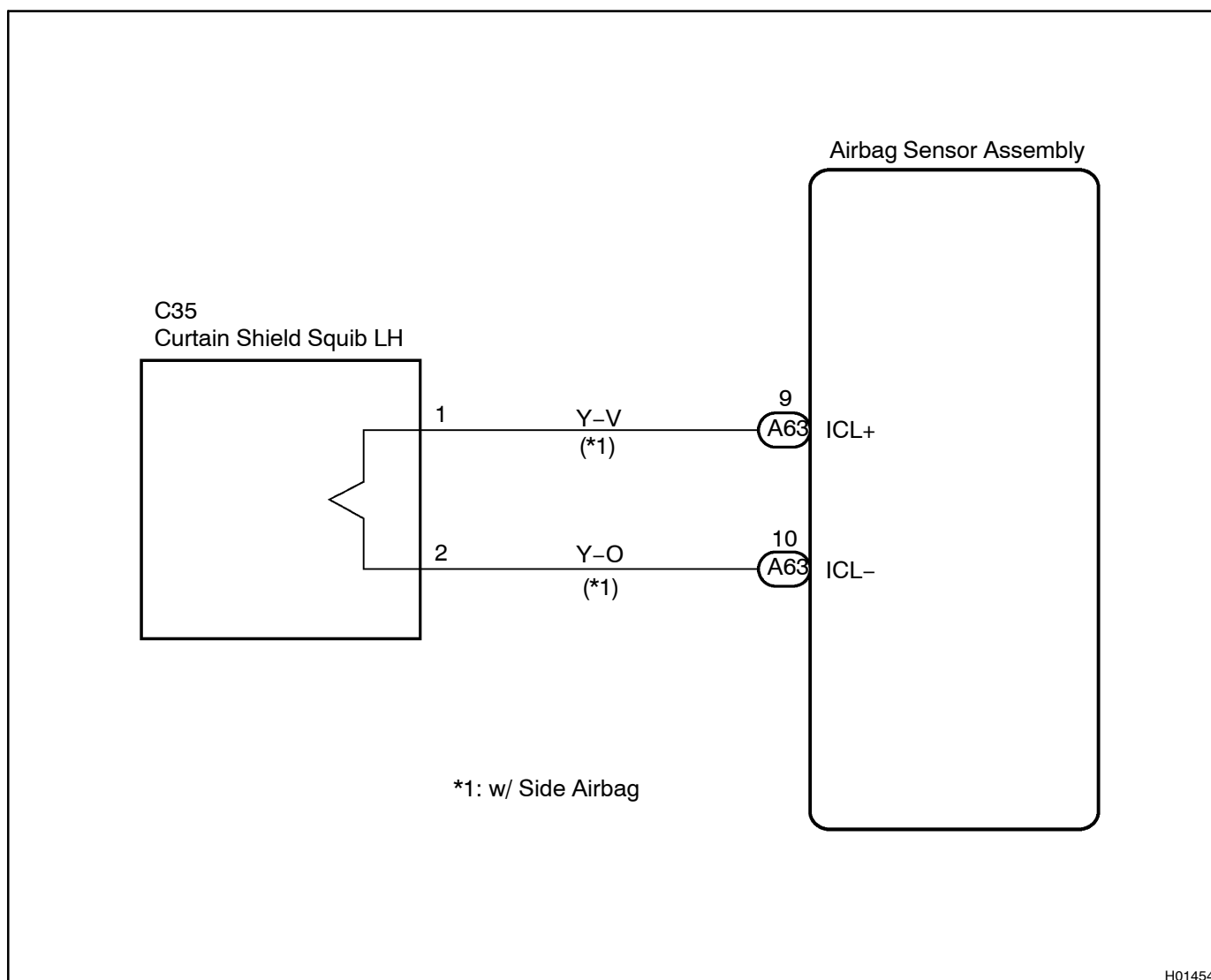For details of the function of each component, see OPERATION on page RS−3.

DTC B1165/87 is recorded when a short is detected in the curtain shield squib LH circuit.

DTC No.	DTC Detecting Condition	Trouble Area
B1165/87	• Short in curtain shield squib LH circuit • 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 B1165/87 is indicated only for the vehicle equipped with the side airbag.
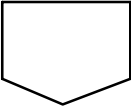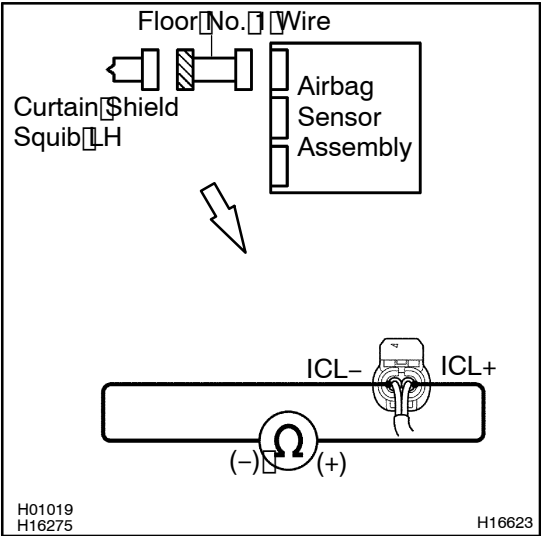
WIRING DIAGRAM

Airbag Sensor Assembly

C35
Curtain Shield Squib LH

1   Y−V   9   A63   ICL+
(*1)

2   Y−O   10   A63   ICL−
(*1)

*1: w/ Side Airbag

H01454

INSPECTION PROCEDURE

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

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

PREPARATION:
Release the airbag activation prevention mechanism built in the connector of the floor No. 1 wire on the airbag sensor assembly side (See page DI–432).

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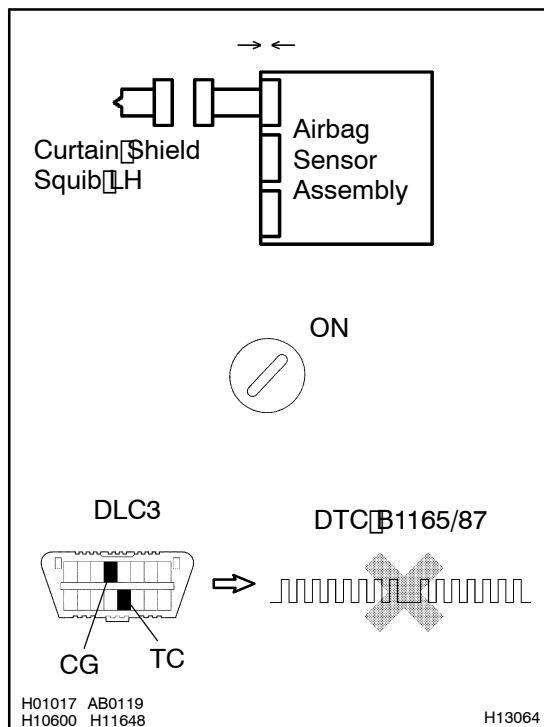
OK:

Resistance: 1 MΩ or Higher

NG >	Repair or replace floor No. 1 wire.

OK

3	Check airbag sensor assembly.

Curtain Shield
Squib LH

Airbag
Sensor
Assembly

ON

DLC3

DTC B1165/87

CG   TC

H01017 AB0119
H10600 H11648

H13064

PREPARATION:
(a)   Connect the connector to the airbag sensor assembly.
(b)   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 or ON, and wait at least for 10 seconds.
(e)   Check the DTC (See page DI–432).
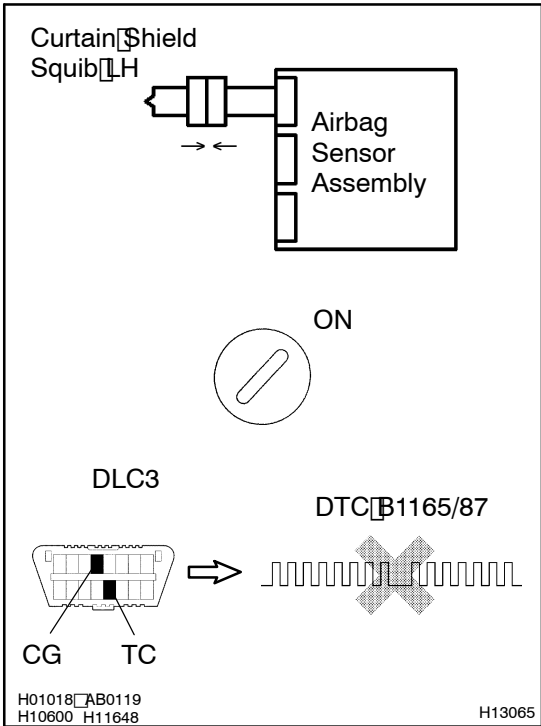
OK:
  DTC B1165/87 is not output.

HINT:
Codes other than code B1165/87 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.

Curtain Shield
Squib LH

Airbag
Sensor
Assembly

→ ←

ON

DLC3

DTC B1165/87

CG   TC

H01018 AB0119
H10600 H11648   H13065

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 B1165/87 is not output.

HINT:
Codes other than code B1165/87 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.