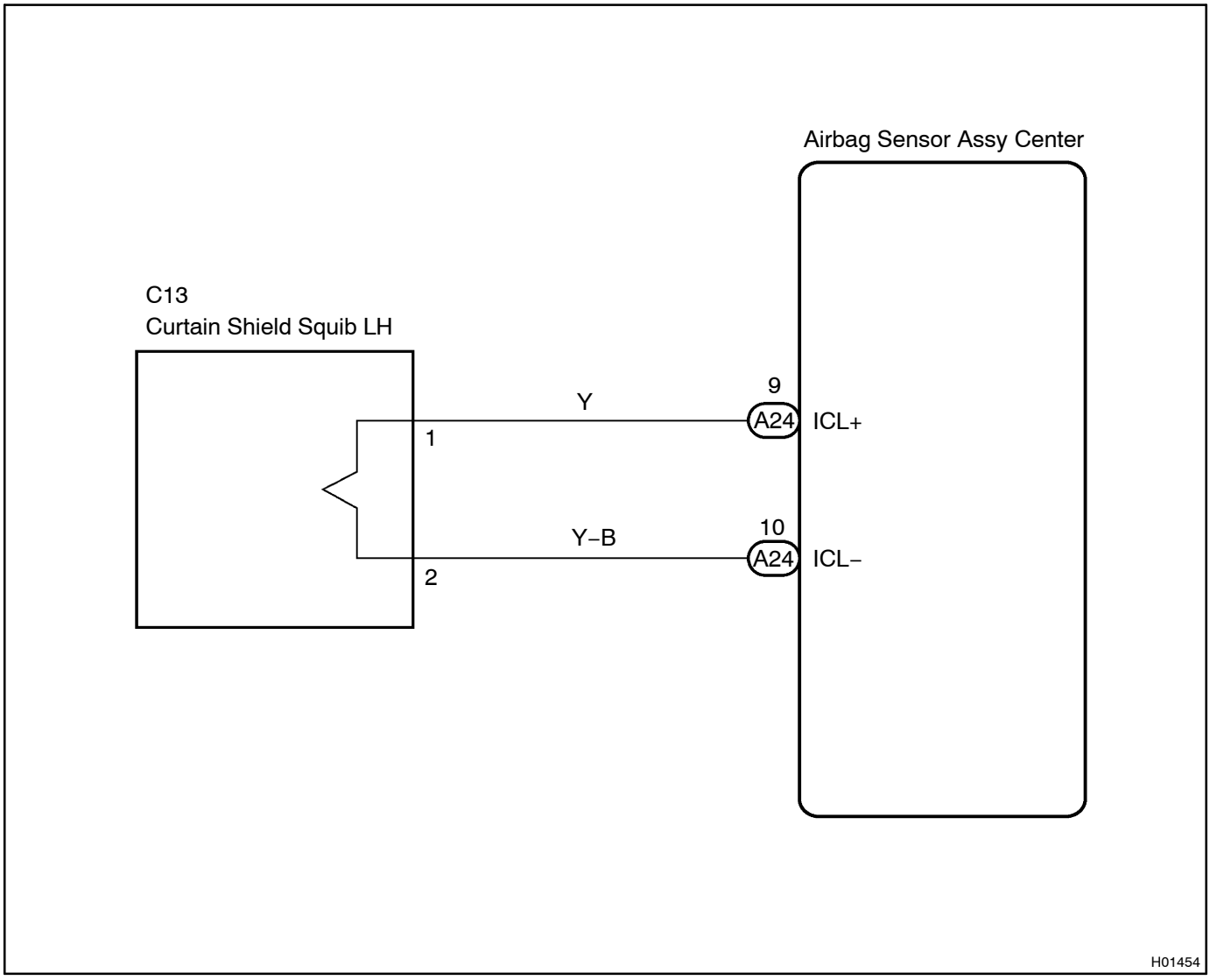
| DTC | B1165/87 | SHORT IN CURTAIN SHIELD SQUIB (LH) CIRCUIT |
|---|---|---|

## CIRCUIT DESCRIPTION

The curtain shield squib LH circuit consists of the airbag sensor assy center and the curtain shield airbag assy LH.
The circuit instructs the SRS to deploy when deployment conditions are met.
DTC B1165/87 is recorded when a short circuit is detected in the curtain shield squib LH circuit.

| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| B1165/87 | • Short circuit between ICL+ wire harness and ICL– wire harness of curtain shield squib LH<br>• Curtain shield squib LH malfunction<br>• Airbag sensor assy center malfunction | • Curtain shield airbag assy LH (Curtain shield squib LH)<br>• Airbag sensor assy center<br>• Floor wire No.2 |

## WIRING DIAGRAM



# INSPECTION PROCEDURE

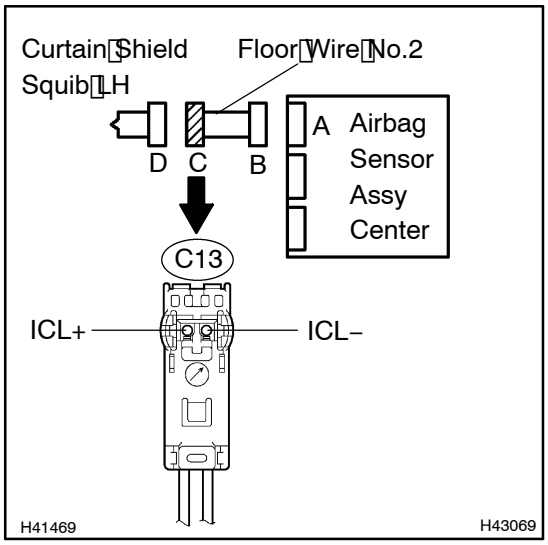
| 1 | CHECK CONNECTOR |
|---|---|

(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(c) Disconnect the connectors from the curtain shield airbag assy LH.
(d) Check that the floor wire No.2 connector (on the curtain shield airbag assy LH side) is not damaged.
**OK:**
**The lock button is not disengaged, or the claw of the lock is not deformed or damaged.**

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

OK

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



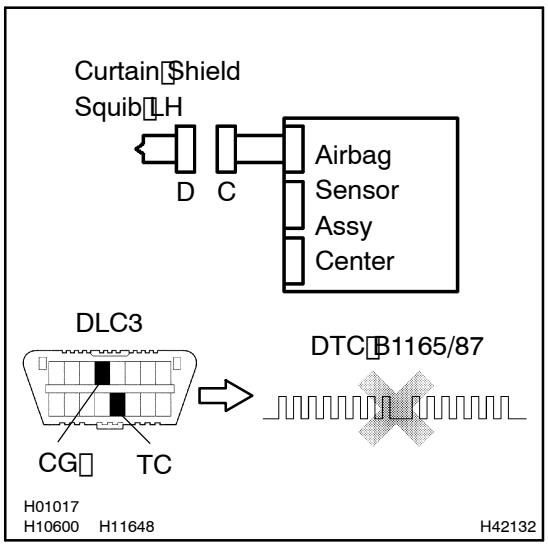

(a) Disconnect the connector from the airbag sensor assy center.
(b) Release the activation prevention mechanism built into connector "B" (see page 05–507).
(c) Measure the resistance according to the value(s) in the table below.
**Standard:**

| Tester connection | Condition | Specified condition |
|---|---|---|
| C13–1 (ICL+) – C13–2 (ICL–) | Always | 1 MΩ or Higher |

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

OK

| 3 | CHECK AIR BAG SENSOR ASSY CENTER |
|---|---|




(a) Connect the connector to the airbag sensor assy center.
(b) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(d) Clear the DTCs stored in memory (see page 05–513).
(e) Turn the ignition switch to the LOCK position.
(f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(g) Check the DTCs (see page 05–513).

**OK:**

**DTC B1165/87 is not output.**

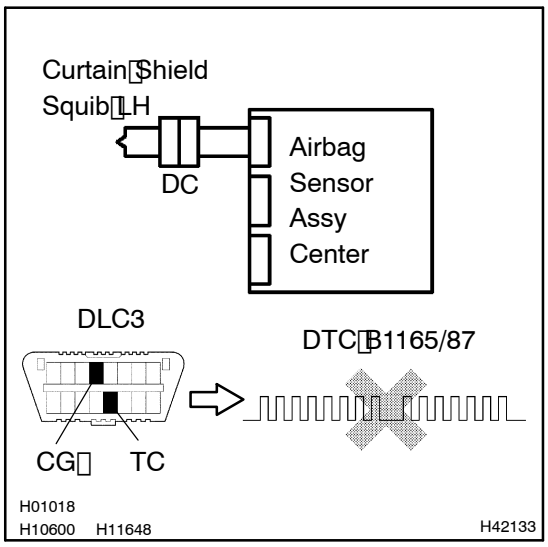
HINT:

Codes other than code B1165/87 may be output at this time, but they are not related to this check.

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

**OK**

| 4 | CHECK CURTAIN SHIELD AIRBAG ASSY LH (CURTAIN SHIELD SQUIB LH) |
|---|---|




(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the negative (–) terminal cable from the battery, and wait for at least 90 seconds.
(c) Connect the connector to the curtain shield airbag assy LH.
(d) Connect the negative (–) terminal cable to the battery, and wait for at least 2 seconds.
(e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(f) Clear the DTCs stored in memory (see page 05–513).
(g) Turn the ignition switch to the LOCK position.
(h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
(i) Check the DTCs (see page 05–513).
**OK:**
**DTC B1165/87 is not output.**

HINT:
Codes other than code B1165/87 may be output at this time, but they are not related to this check.

**NG** → **REPLACE CURTAIN SHIELD AIRBAG ASSY LH**

**OK**

| USE SIMULATION METHOD TO CHECK |
|---|

HINT:

- Before performing the simulation method, check that the airbag sensor assy center is in check mode (see page 05–516).
- Perform the simulation method by selecting the check mode with the hand-held tester (see page 05–516).
- After selecting the check mode, perform the simulation method by wiggling each connector of the airbag system or driving the vehicle on a city or rough road (see page 05–516).