| DTC | B1187/55 | SHORT IN P SQUIB (2ND STEP) CIRCUIT (TO GROUND) |
|---|---|---|

## CIRCUIT DESCRIPTION

The P squib (2nd step) circuit consists of the airbag sensor assy center and instr pnl pass L/door airbag assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.
DTC B1187/55 is recorded when ground short is detected in the P squib (2nd step) circuit.

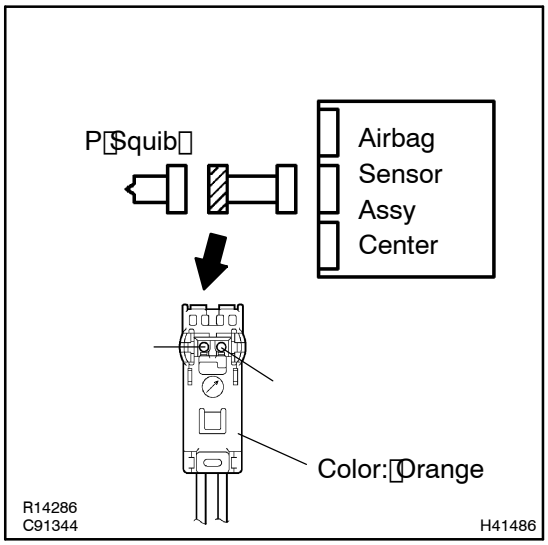
| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| B1187/55 | • Short circuit in P squib (2nd step) wire harness (to ground)<br>• P squib (2nd step) malfunction<br>• Airbag sensor assy center malfunction | • Instr pnl pass L/door airbag assy (P squib, 2nd step)<br>• Airbag sensor assy center<br>• Instrument panel wire |

## WIRING DIAGRAM

See page 05–948.

## INSPECTION PROCEDURE

| 1 | CHECK P SQUIB CIRCUIT(AIRBAG SENSOR ASSY CENTER – INSTR PNL PASS L/DOOR AIRBAG ASSY) |
|---|---|



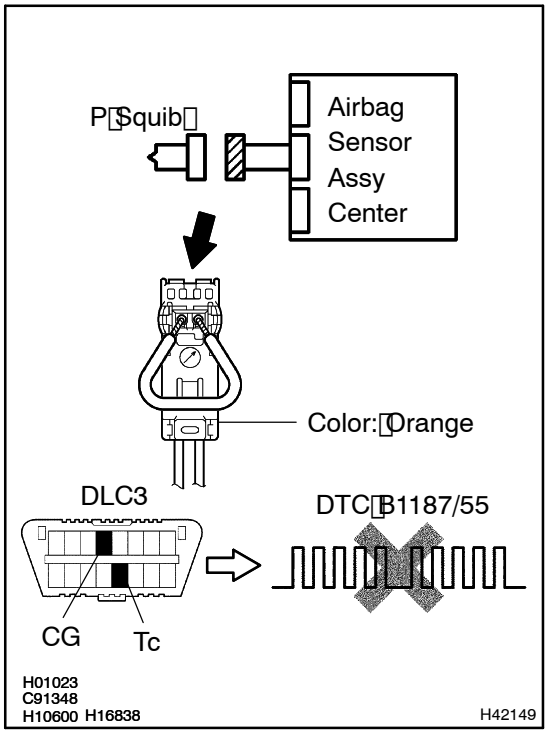

(a) Disconnect the negative (–) terminal cable from the battery, and wait at least 1 or 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the instr pnl pass L/door airbag assy.
(c) For the orange connector (on the instr pnl pass L/door airbag assy side) between the airbag sensor assy center and the instr pnl pass L/door airbag assy, measure the resistance between P2+ and body ground.
**OK:**
**Resistance: 1 MΩ or Higher**

**NG** → **REPAIR OR REPLACE WIRE HARNESS(AIRBAG SENSOR ASSY CENTER – INSTR PNL PASS L/DOOR AIRBAG ASSY)**

**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 P2+ and P2– of the orange connector (on the instr pnl pass 1/door airbag assy side) between the airbag sensor assy center and the instr pnl pass 1/door airbag assy.
(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 20 seconds.
(e) Clear the DTC stored in memory (See page 05–758).
(f) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(g) Turn the ignition switch to ON, and wait at least for 20 seconds.
(h) Check the DTC (See page 05–758).

**OK:**

**DTC B1187/55 is not output.**

HINT:

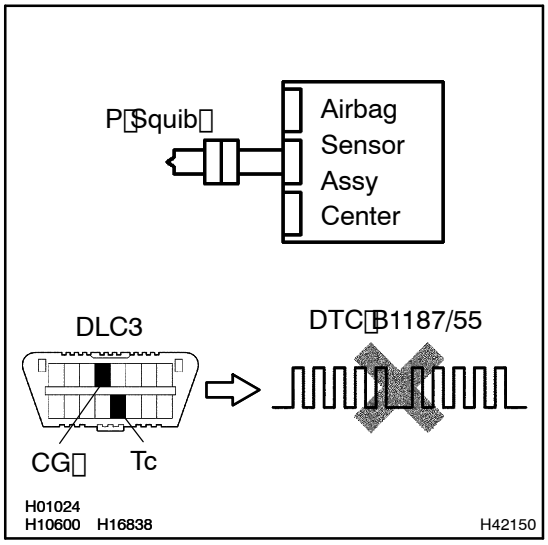
Codes other than code B1187/55 may be output at this time, but they are not relevant to this check.

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

**OK**

| 3 | CHECK P SQUIB |
|---|---|

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 instr pnl pass l/door airbag assy connectors.
(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 20 seconds.
(f) Clear the DTC stored in memory (See page 05–758).
(g) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(h) Turn the ignition switch to ON, and wait at least for 20 seconds.
(i) Check the DTC (See page 05–758).

**OK:**

**DTC B1187/55 is not output.**

HINT:

Codes other than code B1187/55 may be output at this time, but they are not relevant to this check.

| NG | REPLACE INSTR PNL PASS L/DOOR AIR BAG ASSY |
|---|---|

OK

| 4 | USE SIMULATION METHOD TO CHECK |
|---|---|

| NG | Go to step 1 |
|---|---|

OK

**REPLACE ALL SRS COMPONENTS INCLUDING THE WIRE HARNESS**