| 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 the 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.

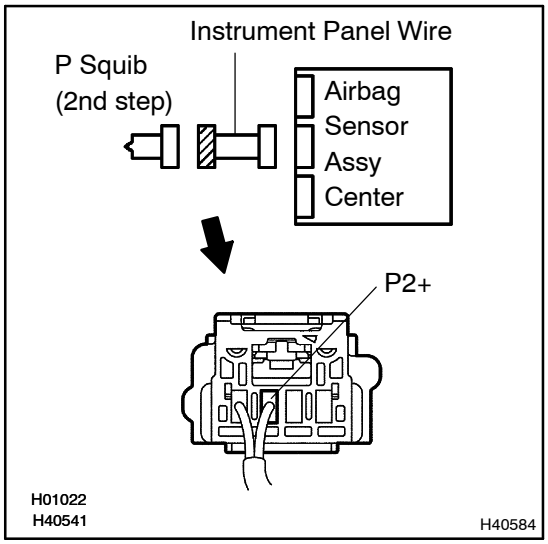
| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| B1187/55 | • Short in P squib (2nd step) circuit (to ground)<br>• P squib (2nd step) malfunction<br>• Airbag sensor assy center malfunction | • Instr pnl pass l/door airbag assy (P squib, 2nd step)<br>• Airbag sensor assy center<br>•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

## WIRING DIAGRAM

See page 05–1314.

## INSPECTION PROCEDURE

| 1 | CHECK INSTRUMENT PANEL WIRE (P SQUIB (2ND STEP) CIRCUIT) |
|---|---|



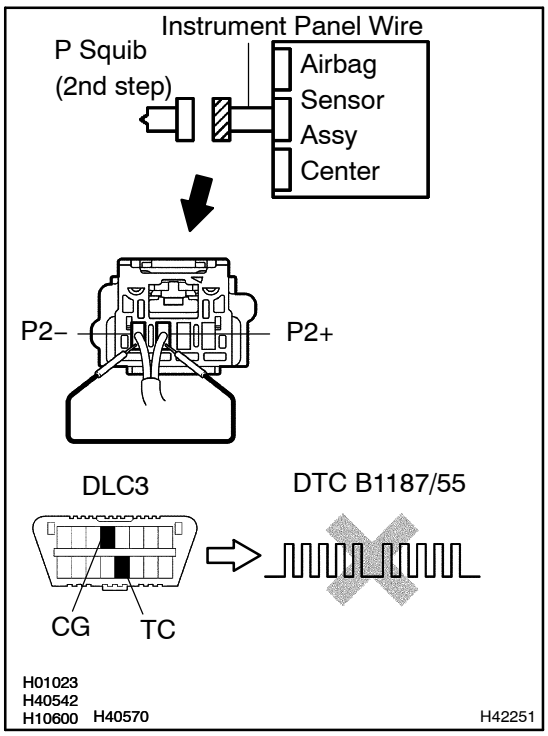

(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the instr pnl pass l/door airbag assy.
(c) Measure the resistance between the body ground and P2+ of the instrument panel wire connector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

**NG** → **REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

**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 instrument panel wire connector on the instr pnl pass l/door airbag assy side.
(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 10 seconds.
(e) Clear the DTC stored in memory (See page 05–1122).
(f) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(g) Turn the ignition switch to ON, and wait at least for 10 seconds.
(h) Check the DTC (See page 05–1122).
**OK:**
**DTC B1187/55 is not output.**

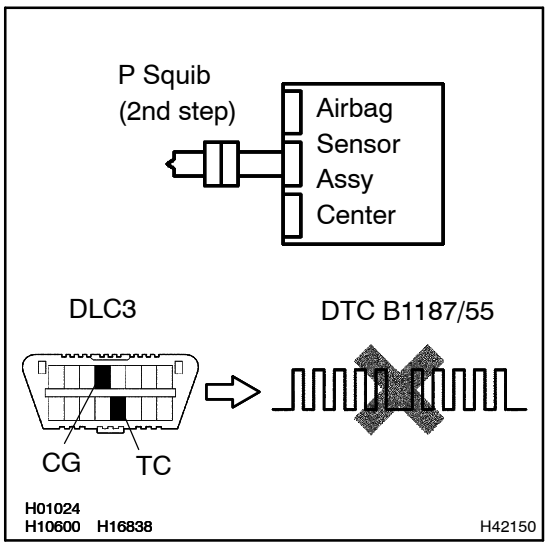
HINT:
Codes other than code B1187/55 may be output at this time, but they are not relevant to this check.

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

**OK**

## 3 CHECK P SQUIB (2ND STEP)

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 10 seconds.
(f) Clear the DTC stored in memory (See page 05–1122).
(g) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(h) Turn the ignition switch to ON, and wait at least for 10 seconds.
(i) Check the DTC (See page 05–1122).
**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 WIRE HARNESS**