

|            |                 |   |
|------------|-----------------|---|
| <b>DTC</b> | <b>B0108/52</b> | <b>SHORT IN P SQUIB CIRCUIT (TO B+)</b> |
|------------|-----------------|---|

## CIRCUIT DESCRIPTION

The P squib 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 B0108/52 is recorded when a B+ short is detected in the P squib circuit.

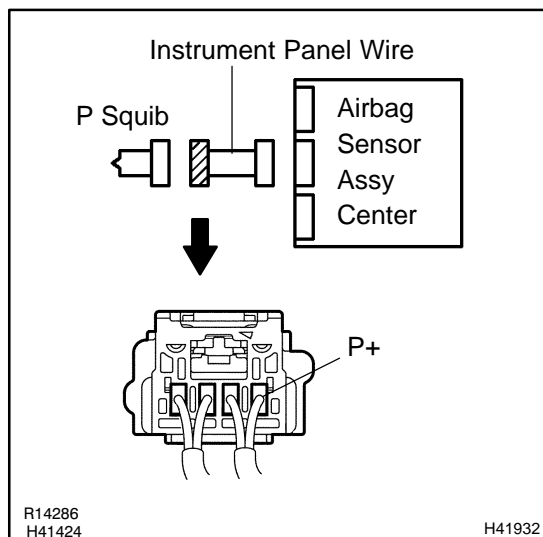
| DTC No.  | DTC Detecting Condition  | Trouble Area  |
|----------|--|---|
| B0108/52 | <ul style="list-style-type: none"> <li>• Short in P squib circuit (to B+)</li> <li>• P squib malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul> | <ul style="list-style-type: none"> <li>• Instr pnl pass l/door airbag assy (P squib)</li> <li>• Airbag sensor assy center</li> <li>• Instrument panel wire</li> </ul> |

## WIRING DIAGRAM

See page 05-646 .

## INSPECTION PROCEDURE

|          |   |
|----------|---|
| <b>1</b> | <b>CHECK INSTRUMENT PANEL WIRE(P SQUIB CIRCUIT)</b> |
|----------|---|



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the instrument panel wire connectors from the airbag sensor assy center and the instr pnl pass l/door airbag assy.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON.
- Measure the voltage between the body ground and P+ of the instrument panel wire connector on the instr pnl pass l/door airbag assy side.

**OK:**

**Voltage: Below 1 V**

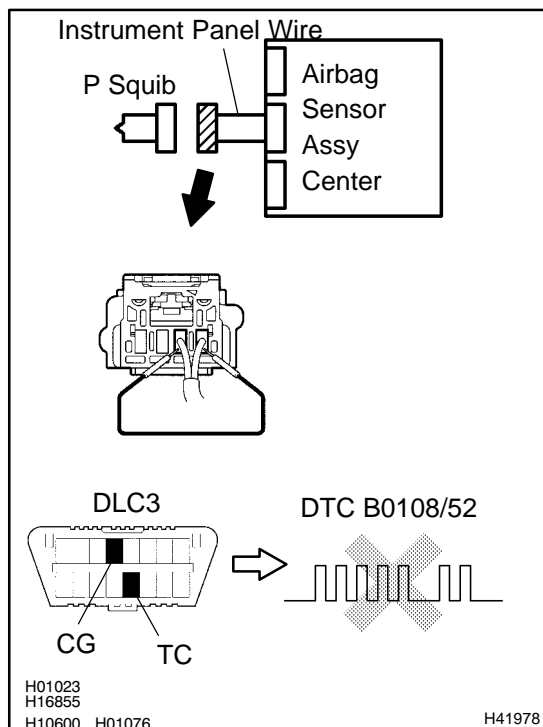
**NG**

**REPAIR OR REPLACE INSTRUMENT PANEL WIRE**

**OK**

## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Turn the ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect P+ and P- of the black instrument panel wire connector on the instr pnl pass I/ door airbag assy side.
- Connect the negative (-) terminal cable to the battery, and wait at least for 2 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Clear the DTC stored in memory (See page 05-614 ).
- Turn the ignition switch to LOCK, and wait at least for 10 seconds.
- Turn the ignition switch to ON, and wait at least for 10 seconds.
- Check the DTC (See page 05-614 ).

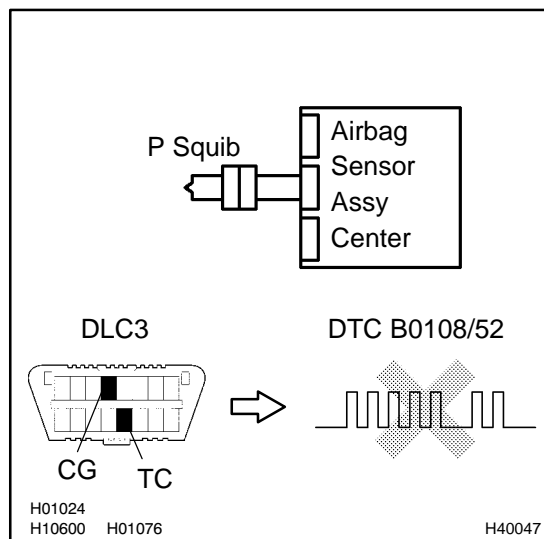
**OK:****DTC B0108/52 is not output.****HINT:**

Codes other than code B0108/52 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 10 seconds.
- (f) Clear the DTC stored in memory (See page 05-614 ).
- (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 05-614 ).

**OK:****DTC B0108/52 is not output.****HINT:**

Codes other than code B0108/52 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**