

<b>DTC</b>	<b>B0106/54</b>	<b>OPEN IN P SQUIB CIRCUIT</b>
------------	-----------------	--------------------------------

**CIRCUIT DESCRIPTION**

The P squib circuit consists of the airbag sensor assy center and instrument panel passenger airbag assy. It causes the SRS to deploy when the SRS deployment conditions are satisfied.

DTC B0106/54 is recorded when an open is detected in the P squib circuit.

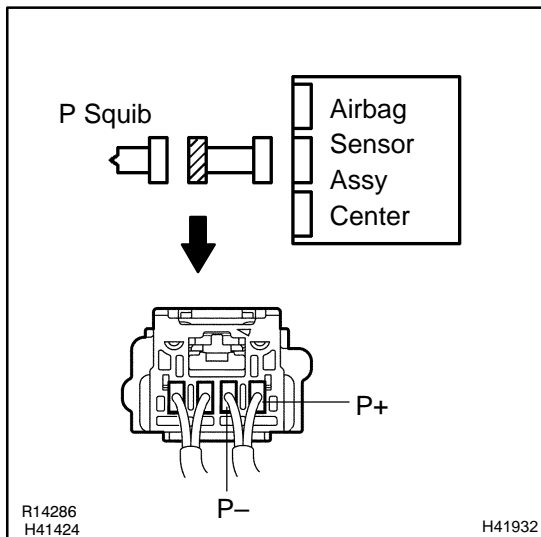
DTC No.	DTC Detecting Condition	Trouble Area
B0106/54	<ul style="list-style-type: none"> <li>• Open circuit in P+ wire harness or P- wire harness of squib</li> <li>• P squib malfunction</li> <li>• Airbag sensor assy center malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Instrument panel passenger airbag assy (P squib)</li> <li>• Airbag sensor assy center</li> <li>• Instrument panel wire</li> </ul>

**WIRING DIAGRAM**

See page 05-453.

**INSPECTION PROCEDURE**

<b>1</b>	<b>CHECK P SQUIB CIRCUIT(AIRBAG SENSOR ASSY CENTER - INSTRUMENT PANEL PASSENGER AIRBAG ASSY)</b>
----------	--



- (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 instrument panel passenger airbag assy.
- (c) For the connector (on the instrument panel passenger airbag assy side) between the airbag sensor assy center and the instrument panel passenger airbag assy, measure the resistance between P+ and P-.

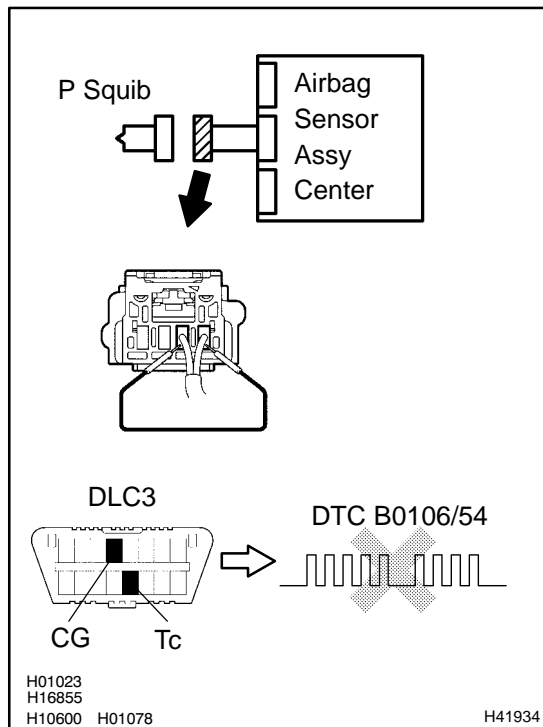
**OK:**  
**Resistance: Below 1 Ω**

<b>NG</b>	<b>REPAIR OR REPLACE INSTRUMENT PANEL WIRE</b>
-----------	--

**OK**

## 2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843-18040



- Connect the connector to the airbag sensor assy center.
- Using a service wire, connect P+ and P- of the connector (on the instrument panel passenger airbag assy side) between the airbag sensor assy center and the instrument panel passenger airbag assy.
- 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 20 seconds.
- Clear the DTC stored in memory (See page 05-424).
- Turn the ignition switch to LOCK, and wait at least for 20 seconds.
- Turn the ignition switch to ON, and wait at least for 20 seconds.
- Check the DTC (See page 05-424).

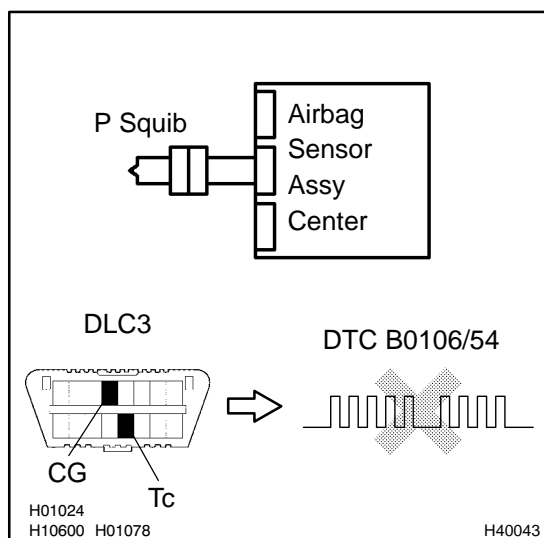
**OK:****DTC B0106/54 is not output.****HINT:**

Codes other than code B0106/54 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 instrument panel passenger airbag assy connector.
- (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 05-424).
- (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 05-424).

**OK:****DTC B0106/54 is not output.**

HINT:

Codes other than code B0106/54 may be output at this time, but they are not relevant to this check.

**NG**

**REPLACE INSTRUMENT PANEL PASSENGER AIR BAG ASSY**

**OK**

**USE SIMULATION METHOD TO CHECK**