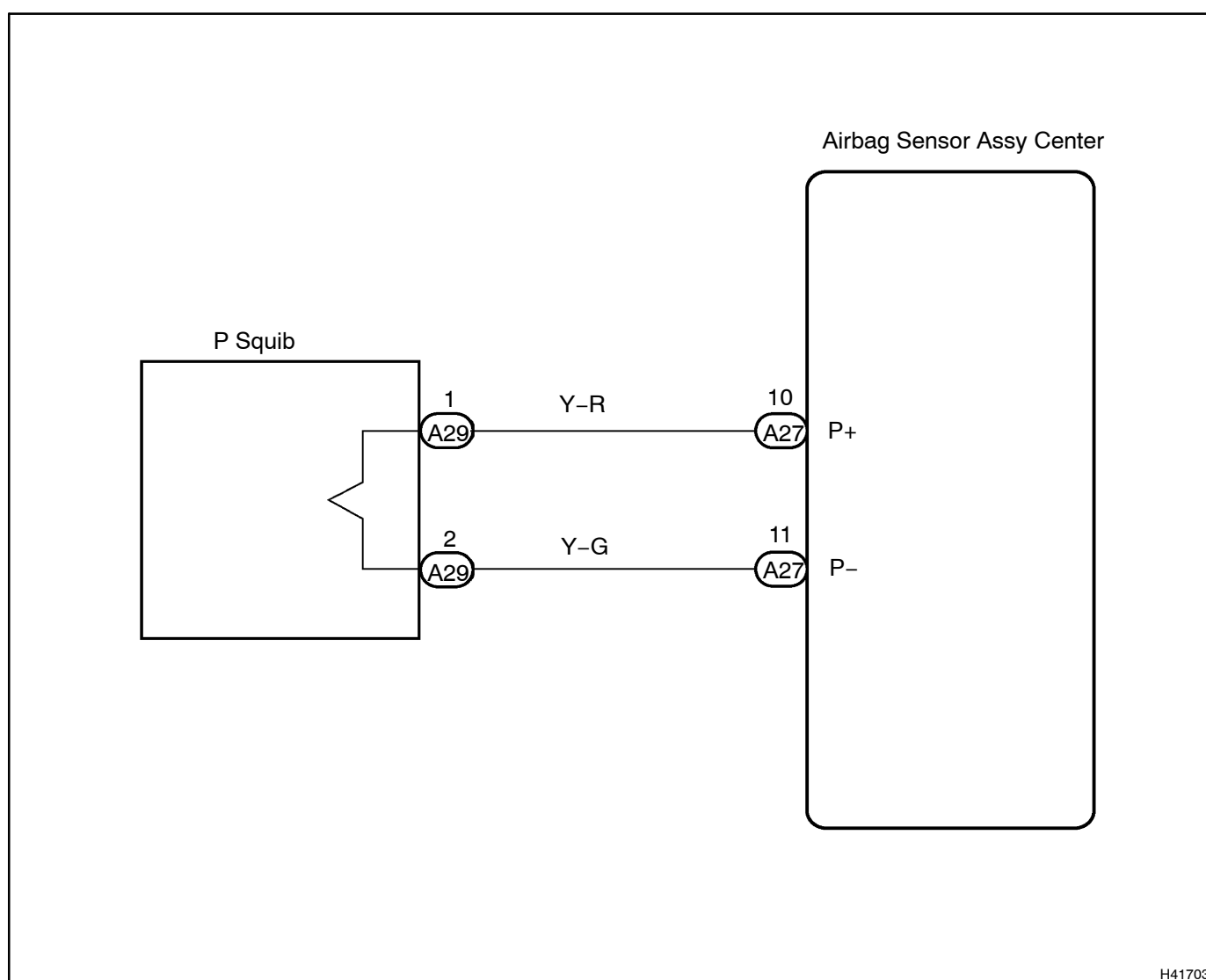


DTC**B0105/53****SHORT IN P SQUIB CIRCUIT****CIRCUIT DESCRIPTION**

The P squib 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 B0105/53 is recorded when a short is detected in the P squib circuit.

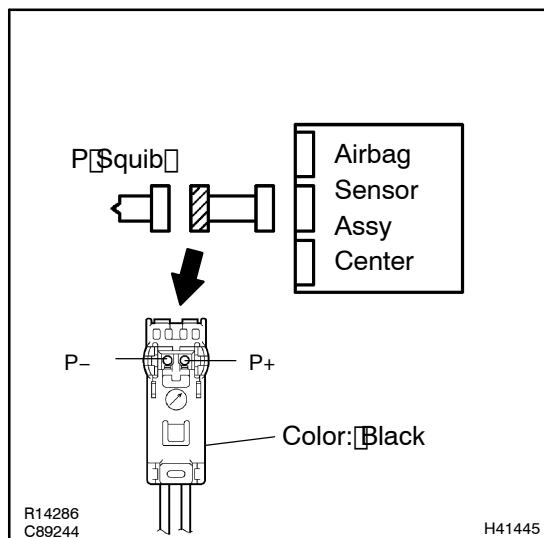
DTC No.	DTC Detecting Condition	Trouble Area
B0105/53	<ul style="list-style-type: none"> • Short circuit between P+ wire harness and P- wire harness of squib • P squib malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Instr pnl pass l/door airbag assy (P squib) • Airbag sensor assy center • Instrument panel wire

WIRING DIAGRAM

H41703

INSPECTION PROCEDURE

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



- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Disconnect the connectors between the airbag sensor assy center and the instr/pnl pass l/door airbag assy.
- Release the airbag activation prevention mechanism of the connector (on the airbag sensor assy center side) between the airbag sensor assy center and the instr/pnl pass l/door airbag assy (See page 05-758).
- For the black 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 P+ and P-.

OK:

Resistance: 1 MΩ or Higher

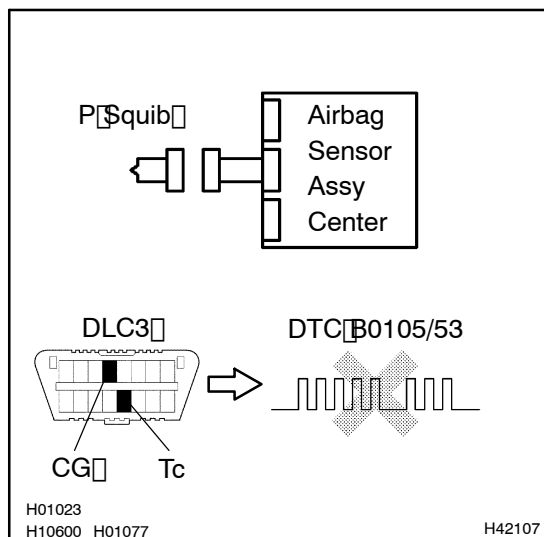
NG

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



- Connect the connector to the airbag sensor assy center.
- 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 05-758).
- 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 05-758).

OK:

DTC B0105/53 is not output.

HINT:

Codes other than code B0105/53 may be output at this time, but they are not relevant to this check.

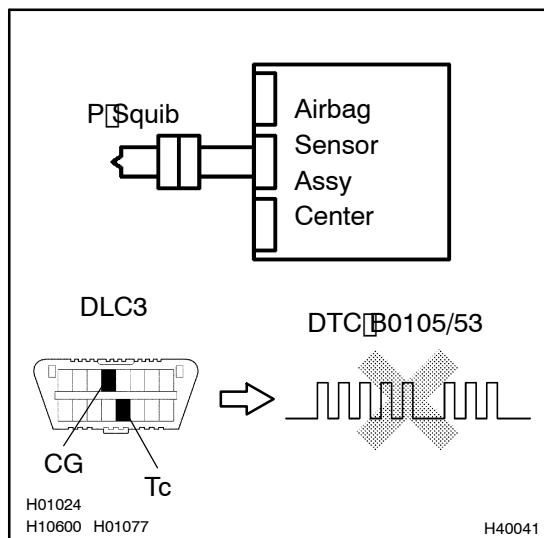
NG

REPLACE AIR BAG SENSOR ASSY CENTER

OK

3 CHECK P-SQUIB

SST 09843-18040



- Turn the Ignition switch to LOCK.
- Disconnect the negative (-) terminal cable from the battery, and wait at least for 90 seconds.
- Connect the Instr Pnl Pass L/door airbag Assy connectors.
- 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 05-758).
- 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 05-758).

OK:**DTC B0105/53 is not output.****HINT:**

Codes other than code B0105/53 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

USE SIMULATION METHOD TO CHECK