

DTC	B1185/57	SHORT IN P SQUIB (2ND STEP) CIRCUIT
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CIRCUIT DESCRIPTION

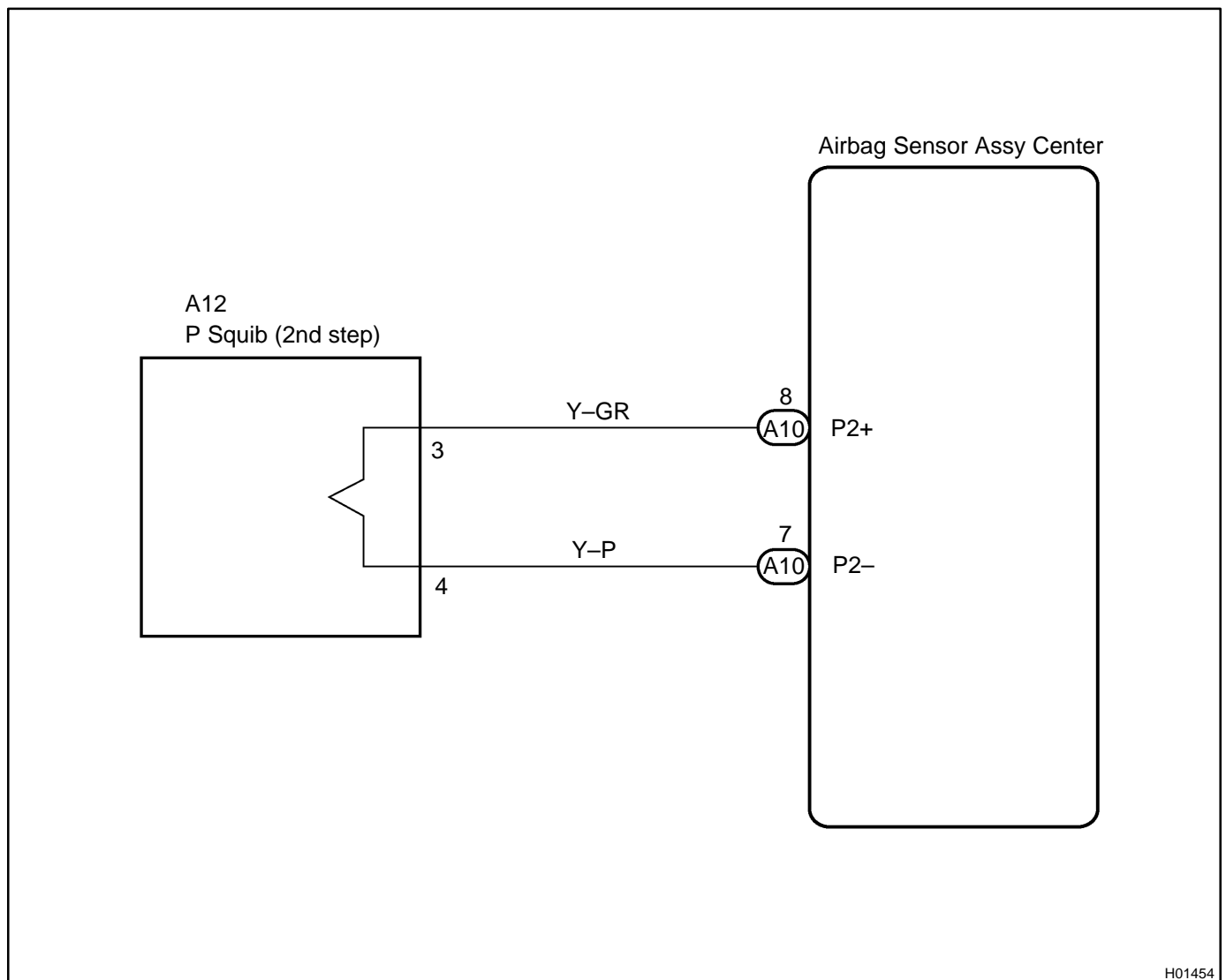
The P squib (2nd step) circuit consists of the airbag sensor assy center and the instrument panel passenger airbag assy.

This circuit instructs the SRS to deploy when deployment conditions are met.

DTC B1185/57 is recorded when a short circuit is detected in the P squib (2nd step) circuit.

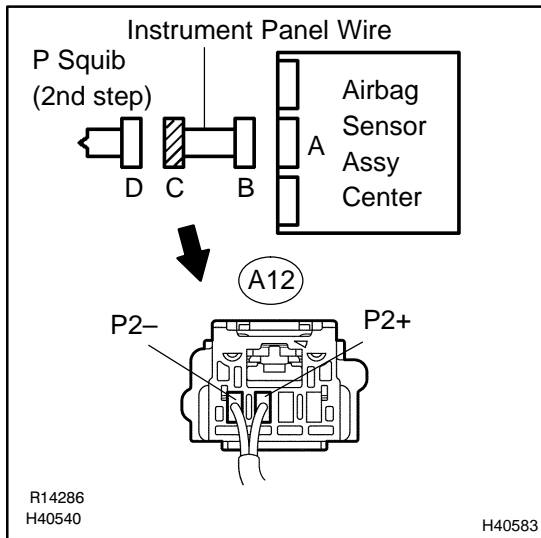
DTC No.	DTC Detecting Condition	Trouble Area
B1185/57	<ul style="list-style-type: none"> • Short circuit between P2+ wire harness and P2- wire harness of P squib (2nd step) • P squib (2nd step) malfunction • Airbag sensor assy center malfunction 	<ul style="list-style-type: none"> • Instrument panel passenger airbag assy (P squib, 2nd step) • Airbag sensor assy center • Instrument panel wire

WIRING DIAGRAM



INSPECTION PROCEDURE

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



- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Disconnect the connectors from the airbag sensor assy center and the instrument panel passenger airbag assy.
- (d) Release the activation prevention mechanism built into connector "B" (See page 05-456).
- (e) Measure the resistance according to the value(s) in the table below.

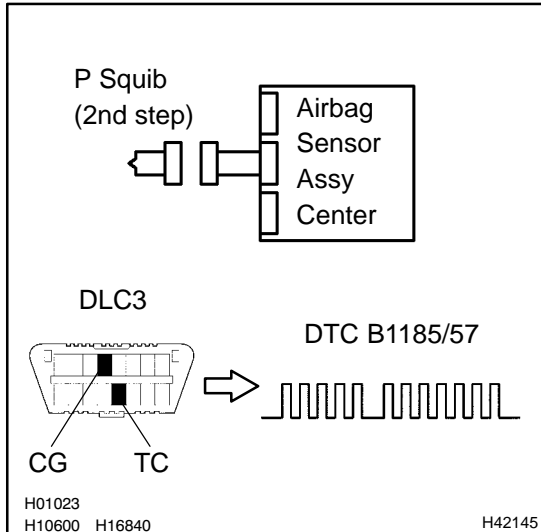
Standard:

Tester connection (Connector "C")	Condition	Specified condition
A12-3 (P2+) - A12-4 (P2-)	Always	1 MΩ or Higher

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

OK

2 CHECK AIR BAG SENSOR ASSY CENTER



- (a) Connect the connector to the airbag sensor assy center.
- (b) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (c) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (d) Clear the stored DTCs in the memory (See page 05-453).
- (e) Turn the ignition switch to the LOCK position.
- (f) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (g) Check the DTCs (See page 05-453).

OK:

DTC B1185/57 is not output.

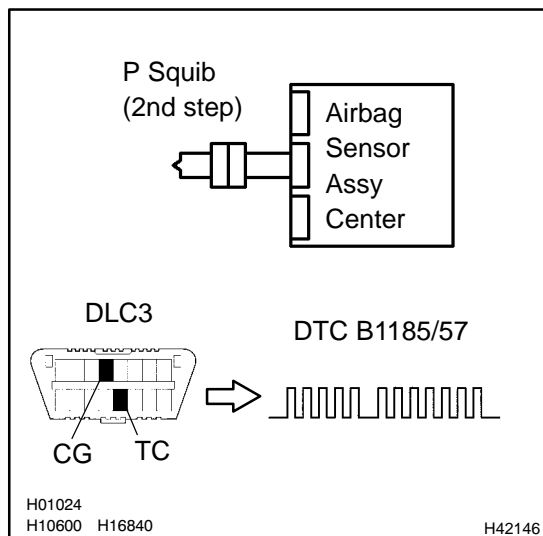
HINT:

Codes other than code B1185/57 may be output at this time, but they are not related to this check.

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

OK

3 CHECK INSTRUMENT PANEL PASSENGER AIR BAG ASSY(P SQUIB, 2ND STEP)



- (a) Turn the ignition switch to the LOCK position.
- (b) Disconnect the negative (-) terminal cable from the battery, and wait for at least 90 seconds.
- (c) Connect the connector to the instrument panel passenger airbag assy.
- (d) Connect the negative (-) terminal cable to the battery, and wait for at least 2 seconds.
- (e) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (f) Clear the stored DTCs in the memory (See page [05-453](#)).
- (g) Turn the ignition switch to the LOCK position.
- (h) Turn the ignition switch to the ON position, and wait for at least 60 seconds.
- (i) Check the DTCs (See page [05-453](#)).

OK:

DTC B1185/57 is not output.

HINT:

Codes other than code B1185/57 may be output at this time, but they are not related to this check.

NG

REPLACE INSTRUMENT PANEL PASSENGER AIR BAG ASSY

OK

USE SIMULATION METHOD TO CHECK