DI8F0–01

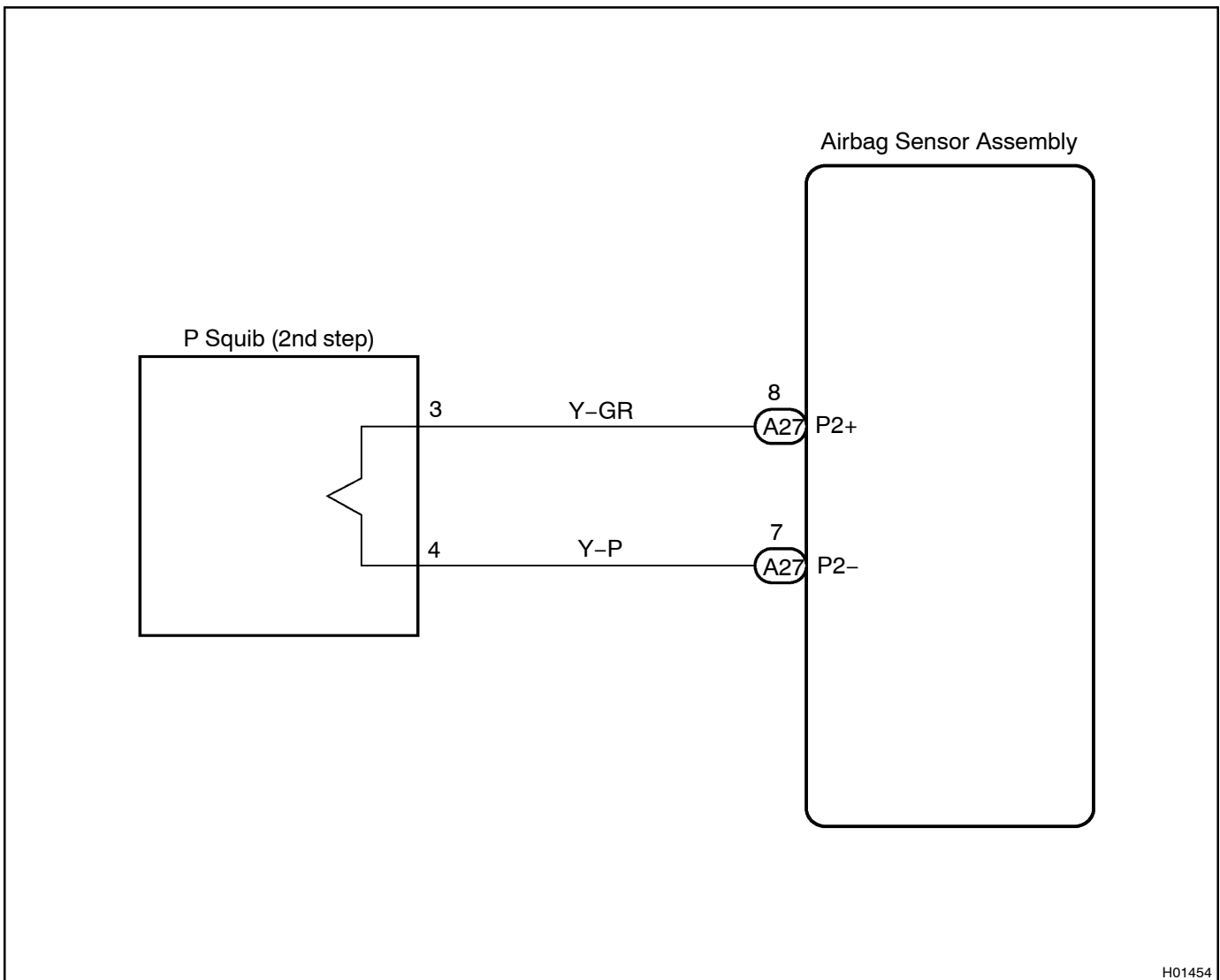| DTC	B1185/57	Short in P Squib (2nd step) Circuit

CIRCUIT DESCRIPTION

The P squib (2nd step) circuit consists of the airbag sensor assembly and front passenger airbag assembly.
It causes the SRS to deploy when the SRS deployment conditions are satisfied.
For details of the function of each component, see OPERATION on page RS–3.
DTC B1185/57 is recorded when a short is detected in the P squib (2nd step) circuit.

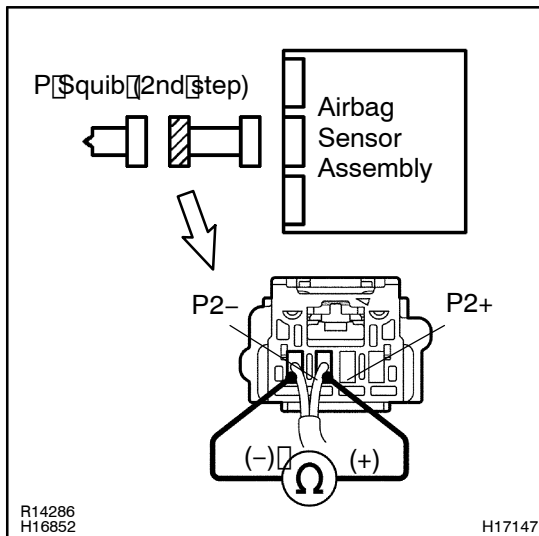| DTC No.	DTC Detecting Condition	Trouble Area
B1185/57	• Short circuit in P squib (2nd step) wire harness • P squib (2nd step) malfunction • Airbag sensor assembly malfunction	• Front passenger airbag assembly (P squib (2nd step)) • Airbag sensor assembly • Wire harness

WIRING DIAGRAM

H01454

INSPECTION PROCEDURE

1	Prepare for inspection (See step 1 on **page DI–703**).

2	Check P squib (2nd step) circuit.

PREPARATION:

Release the airbag activation prevention mechanism of the connector (on the airbag sensor assembly side) between the front passenger airbag assembly and the airbag sensor assembly (See page DI–484).

CHECK:

For the connector (on the front passenger airbag assembly side) between the front passenger airbag assembly and the airbag sensor assembly, measure the resistance between P2+ and P2–.
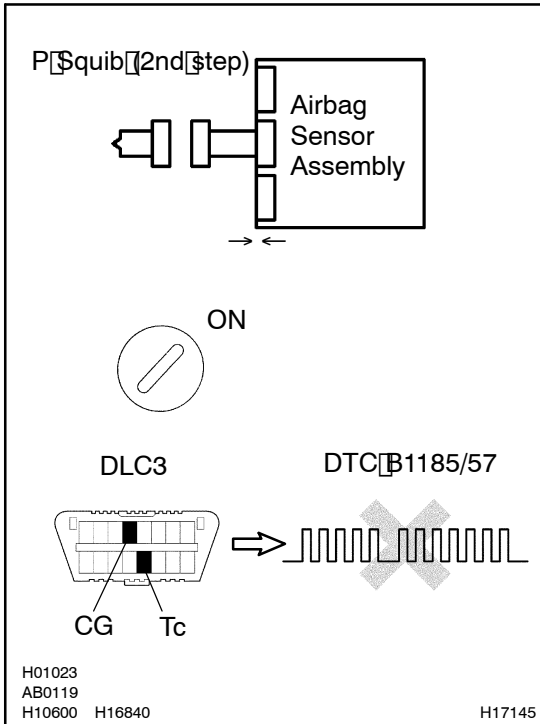
OK:

    Resistance: 1 MΩ or Higher

NG	Repair or replace harness or connector between front passenger airbag assembly and airbag sensor assembly.

OK

3	Check airbag sensor assembly.

P Squib (2nd step)

Airbag Sensor Assembly

→ ←

ON

DLC3   DTC B1185/57

CG   Tc

H01023
AB0119
H10600   H16840   H17145

PREPARATION:
(a) Connect the connector to the airbag sensor assembly.
(b) Connect negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:
(a) Turn the ignition switch to ON and wait at least for 20 seconds.
(b) Clear the DTC stored in memory (See page DI–484).
(c) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(d) Turn the ignition switch to ON, and wait at least for 20 seconds.
(e) Check the DTC (See page DI–484).

OK:
   DTC B1185/57 is not output.

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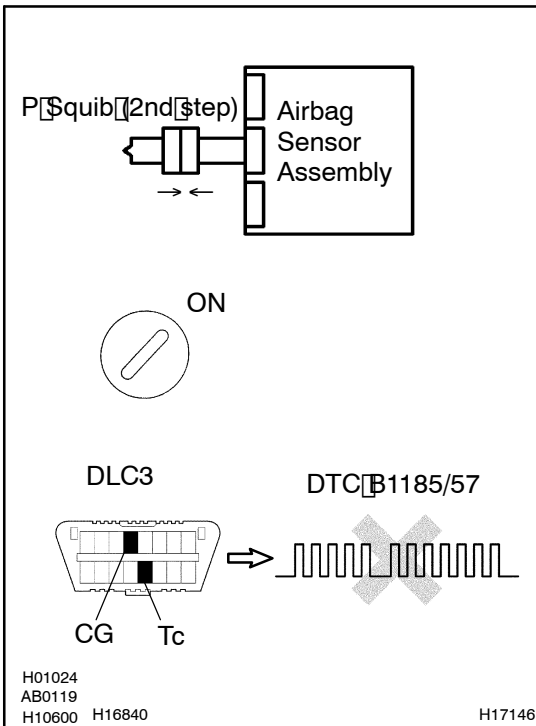Codes other than code B1185/57 may be output at this time, but they are not relevant to this check.

NG	Replace airbag sensor assembly.

OK

4	Check P squib (2nd step).

P Squib (2nd step) — Airbag Sensor Assembly

ON

DLC3   DTC B1185/57

CG   Tc

H01024
AB0119
H10600   H16840   H17146

PREPARATION:
(a) Turn the ignition switch to LOCK.
(b) Disconnect negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(c) Connect the front passenger airbag assembly connector.
(d) Connect negative (–) terminal cable to the battery, and wait at least for 2 seconds.

CHECK:
(a) Turn the ignition switch to LOOK, and wait at least for 20 seconds.
(b) Turn the ignition switch to ON, and wait at least for 20 seconds.
(c) Clear the DTC stored in memory (See page DI–484).
(d) Turn the ignition switch to LOCK, and wait at least for 20 seconds.
(e) Turn the ignition switch to ON, and wait at least for 20 seconds.
(f) Check the DTC (See page DI–484).

OK:

DTC B1185/57 is not output.

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

NG	Replace front passenger airbag assembly.

OK

From the results of the above inspection, the malfunctioning part can now be considered normal. To make sure of this, use the simulation method to check.