DTC B0138/72 SHORT IN P/T SQUIB (LH) CIRCUIT (TO B+)

CIRCUIT DESCRIPTION

The P/T squib LH circuit consists of the airbag sensor assy center and the seat belt pretensioner LH.
It causes the SRS to deploy when the SRS deployment conditions are satisfied.
DTC B0138/72 is recorded when a B+ short is detected in the P/T squib LH circuit.

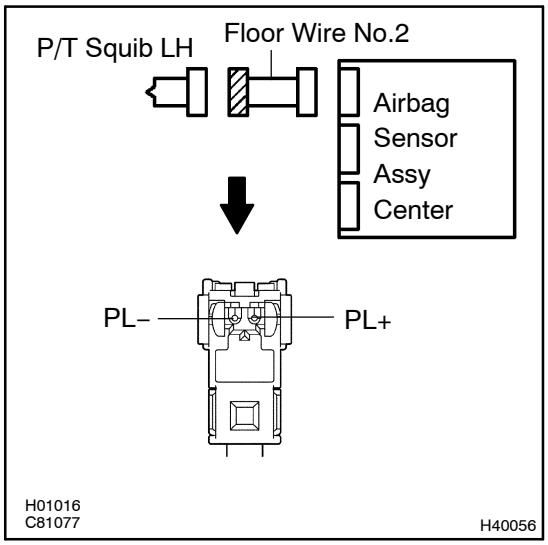
DTC No.	DTC Detecting Condition	Trouble Area
B0138/72	• Short in P/T squib LH circuit (to B+) • P/T squib LH malfunction • Airbag sensor assy center malfunction	• Seat belt pretensioner LH (P/T squib LH) • Airbag sensor assy center • Floor wire No.2

WIRING DIAGRAM

See page 05–1211.

INSPECTION PROCEDURE

1	CHECK FLOOR WIRE NO.2 (P/T SQUIB LH CIRCUIT)



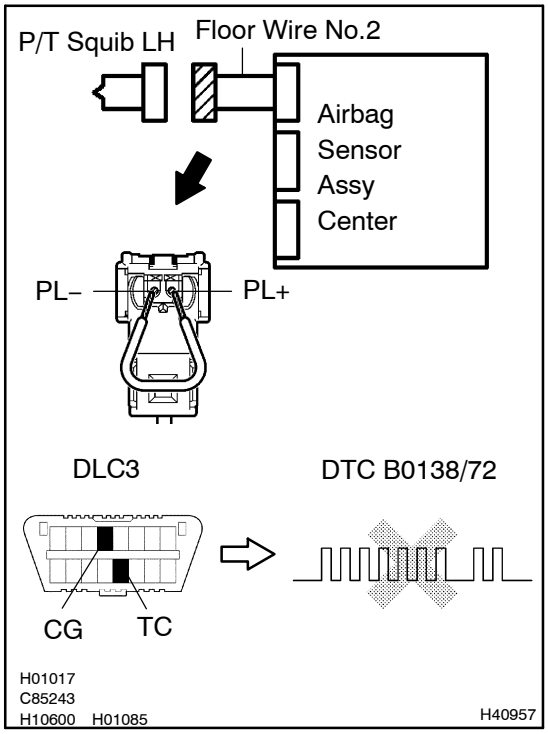
(a) Disconnect the negative (–) terminal cable from the battery, and wait at least for 90 seconds.
(b) Disconnect the connectors between the airbag sensor assy center and the seat belt pretensioner LH.
(c) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(d) Turn the ignition switch to ON.
(e) Measure the voltage between the body ground and PL+ of the floor wire No.2 connector on the seat belt pretensioner LH side.
OK:
Voltage: Below 1V

NG → **REPAIR OR REPLACE FLOOR WIRE NO.2**

OK

2 CHECK AIR BAG SENSOR ASSY CENTER

SST 09843–18040



(a) Turn the ignition switch to LOCK.
(b) Disconnect the negative (–) terminal cable from the battery and wait at least for 90seconds.
(c) Connect the connector to the airbag sensor assy center.
(d) Using a service wire, connect PL+ and PL– of the floor wire No.2 connector on the seat belt pretensioner LH side.
(e) Connect the negative (–) terminal cable to the battery, and wait at least for 2 seconds.
(f) Turn the ignition switch to ON, and wait at least for 10 seconds.
(g) Clear the DTC stored in memory (See page 05–1122).
(h) Turn the ignition switch to LOCK, and wait at least for 10 seconds.
(i) Turn the ignition switch to ON, and wait at least for 10 seconds.
(j) Check the DTC (See page 05–1122).
OK:
DTC B0138/72 is not output.

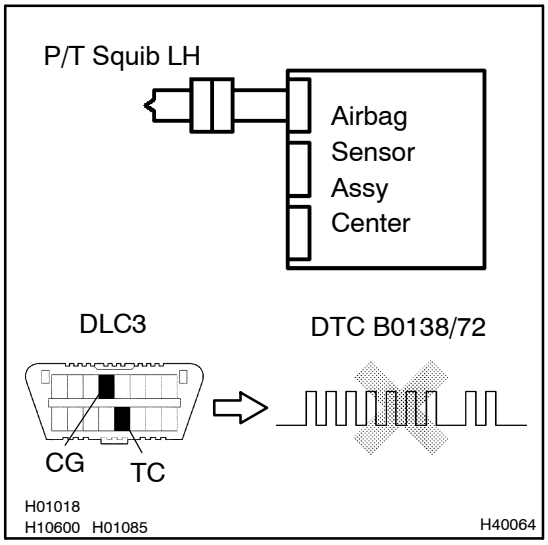
HINT:
Codes other than code B0138/72 may be output at this time, but they are not relevant to this check.

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

OK

3	CHECK P/T SQUIB (LH)

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 seat belt pretensioner LH 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 10 seconds.
(f) Clear the DTC stored in memory (See page 05–1122).
(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 05–1122).
OK:
DTC B0138/72 is not output.

HINT:
Codes other than code B0138/72 may be output at this time, but they are not relevant to this check.

NG → **REPLACE FRONT SEAT OUTER BELT ASSY LH**

OK

4	USE SIMULATION METHOD TO CHECK

NG → **Go to step 1**

OK

REPLACE ALL SRS COMPONENTS INCLUDING WIRE HARNESS