

B1352 B1353 PASSENGER AIRBAG RESISTANCE

DTC DESCRIPTION

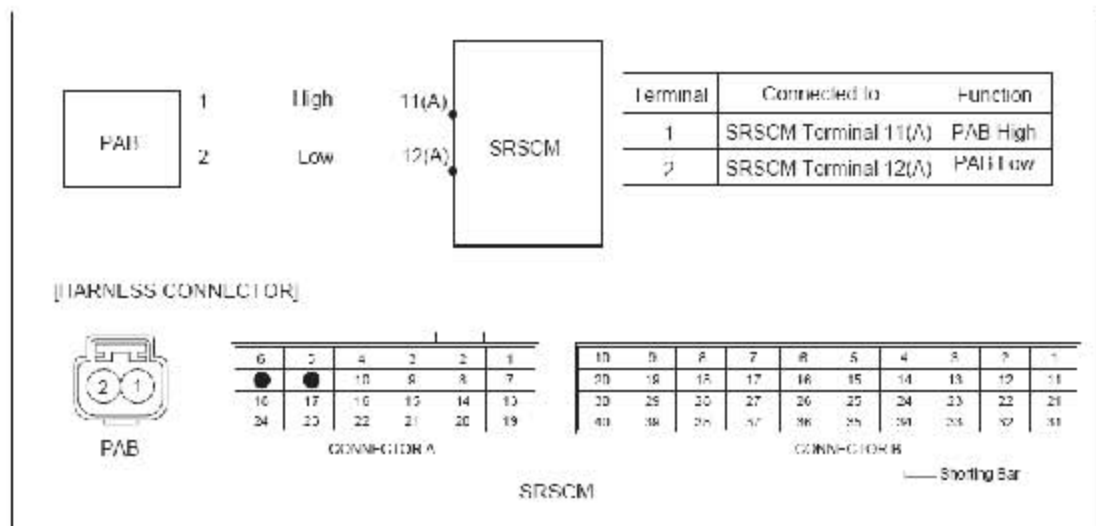
The Passenger Airbag circuit consists of the SRSCM and the Passenger Airbag (PAB). The SRSCM sets above DTC(s) if it detects that the resistance of PAB squib is too high or low.

DTC	FAULT DESCRIPTION
B1352	PASSENGER AIRBAG RESISTANCE TOO HIGH
B1353	PASSENGER AIRBAG RESISTANCE TOO LOW

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1352 B1353	<ul style="list-style-type: none"> • Too high or low resistance between PAB high(+) and PAB low (-) • Passenger Airbag (PAB) Malfunction • SRSCM Malfunction 	<ul style="list-style-type: none"> • Open or short circuit on wiring harness • Passenger Airbag (PAB) squib • SRSCM

SCHEMATIC DIAGRAM



SPECIFICATION

PAB resistance : 1.4 ~ 6.2 Ω

TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

1). PREPARATION.

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

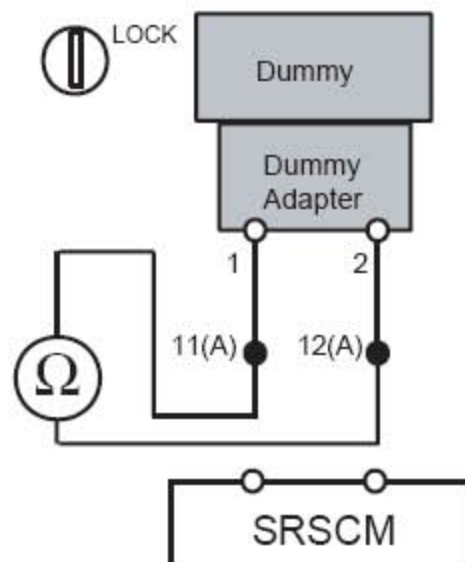
2). CHECK PAB RESISTANCE.

CAUTION

Never attempt to measure the circuit resistance of the airbag module(squib) even if you are using the specified tester

- A) Connect the Dummy and the Dummy Adapter on DAB harness connector. Refer to "SPECIAL SERVICE TOOL" section in this SERVICE MANUAL for the SST No. of Dummy and Dummy Adapter.
- B) Measure resistance between the terminal 5 and 6 of SRSCM harness connector(A).

Specification (resistance) : 1.4 ~ 6.2 Ω



- C) Is the measured resistance within specification?

YES

- ▶ Replace the Passenger Airbag(PAB) module.

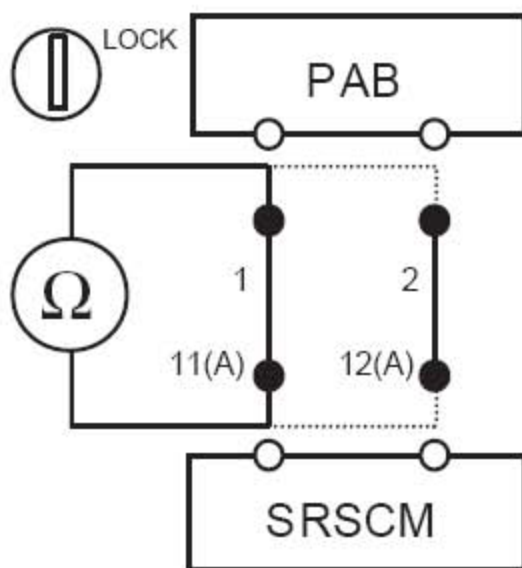
NO

- ▶ Check open circuit.

3). CHECK OPEN CIRCUIT

- A) Measure resistance between the terminal 1 of PAB harness connector and the terminal 11 of SRSCM harness connector(A).
- B) Measure resistance between the terminal 2 of PAB harness connector and the terminal 12 of SRSCM harness connector(A).

Specification (resistance) : below 1 Ω
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- C) Is the measured resistance within specification?

YES

- ▶ Check short circuit.

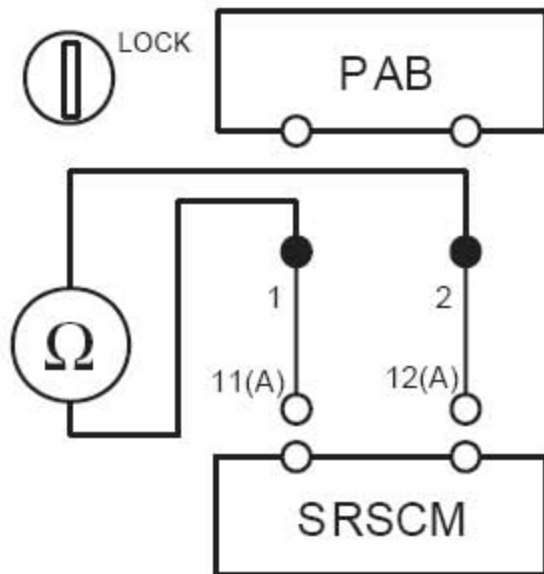
NO

- ▶ Repair or replace the wiring harness between the PAB and the SRSCM.

4). CHECK SHORT CIRCUIT

- A) Measure resistance between the terminal 1 and 2 of PAB harness connector.

Specification (resistance) : infinite
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B) Is the measured resistance within specification?

YES

- ▶ Go to next step.

NO

- ▶ Repair or replace the wiring harness between the PAB and the SRSCM.

5). CLEAR THE DTC AND CHECK THE VEHICLE AGAIN

Refer to the DESCRIPTION in this TROUBLESHOOTING section.