B1354 PASSENGER AIRBAG RESISTANCE CIRCUIT SHORT TO GROUND

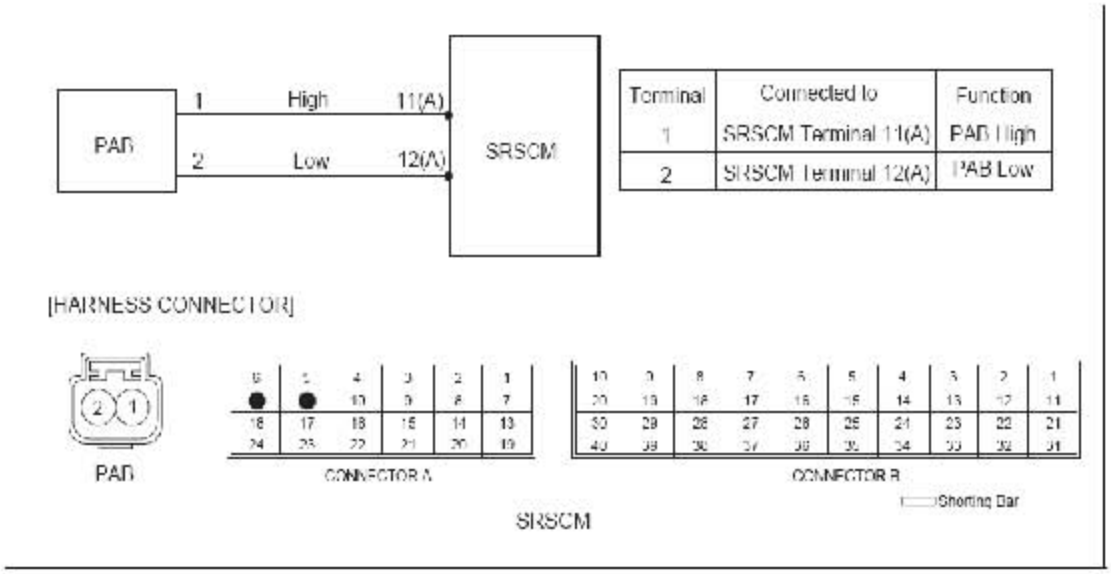
DTC DESCRIPTION

The Passenger Airbag circuit consists of the SRSCM and the Passenger Airbag (PAB). The SRSCM sets above DTC(s) if it detects short to ground on the PAB circuit.

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1354	• Short to ground between PABmodule and SRSCM • Passenger Airbag (PAB) Malfunction • SRSCM Malfunction	• Short to ground on wiring harness • Passenger Airbag (PAB) squib • SRSCM

SCHEMATIC DIAGRAM



TERMINAL & CONNECTOR INSPECTION

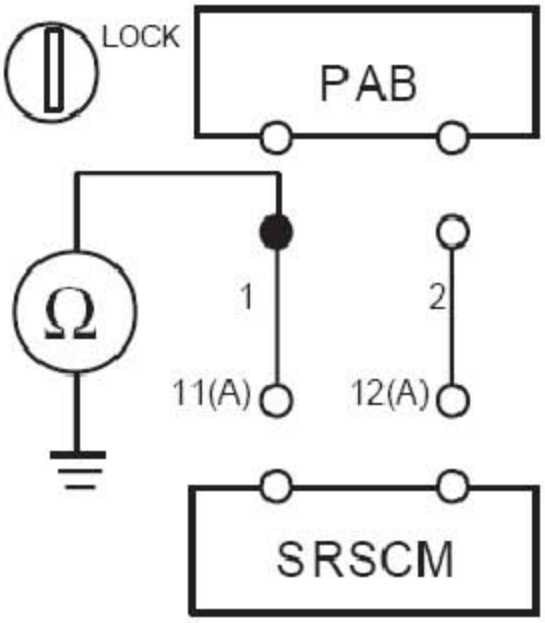
Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

1). PREPARATION.
Refer to the DESCRIPTION in this TROUBLESHOOTING section.

2). CHECK SHORT TO GROUND
A) Measure resistance between the terminal 1 of PAB harness connector and chassis ground.

Specification (resistance) : infinite



B) Is the measured resistance within specification?

YES

▶ Check the PAB Module.

NO

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

3). CHECK THE PAB MODULE
A) Replace the Driver Airbag(PAB) with a new one.
Refer to "Driver Airbag(PAB)" section in this SERVICE MANUAL.
B) Install the DAB module and connect the DAB connector.
C) Connect the connectors of the PAB, SAB, CAB, BPT, FIS and SIS.
D) Connect the SRSCM connector.
E) Connect the battery negative cable to the battery.
F) Connect a Hi-Scan(Pro) to the data link connector.

G) Turn the ignition switch to ON and check the vehicle again.
Does Hi-Scan (Pro) indicate any DTC related to PAB?

YES

▶ Go to next step.

NO

▶ Replace PAB module.

5). CLEAR THE DTC AND CHECK THE VEHICLE AGAIN
Refer to the DESCRIPTION in this TROUBLESHOOTING section.