B1348 DRIVER AIRBAG RESISTANCE CIRCUIT SHORT TO GROUND

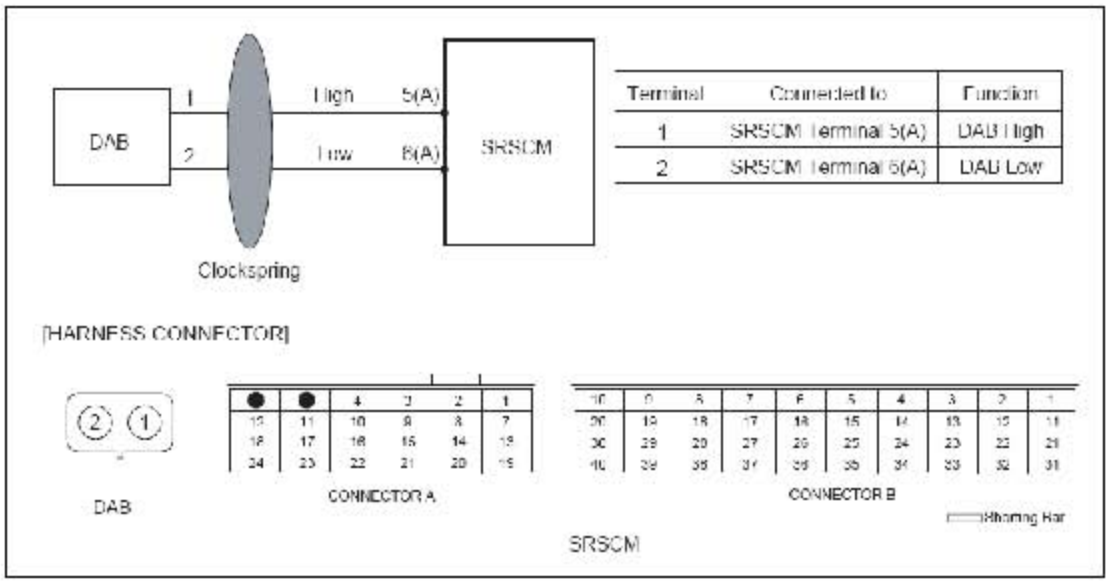
DTC DESCRIPTION

The Driver Airbag circuit consists of the SRSCM, Clockspring and the Driver Airbag (DAB). The SRSCM sets above DTC(s) if it detects short to ground on the DAB circuit.

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1348	• Short to ground between DAB and clockspring • Short to ground between clockspring and SRSCM • Driver Airbag (DAB) Malfunction • Clockspring Malfunction • SRSCM Malfunction	• Short to ground circuit on wiring harness • Driver Airbag (DAB) squib • Clockspring • SRSCM

SCHEMATIC DIAGRAM



TERMINAL & CONNECTOR INSPECTION

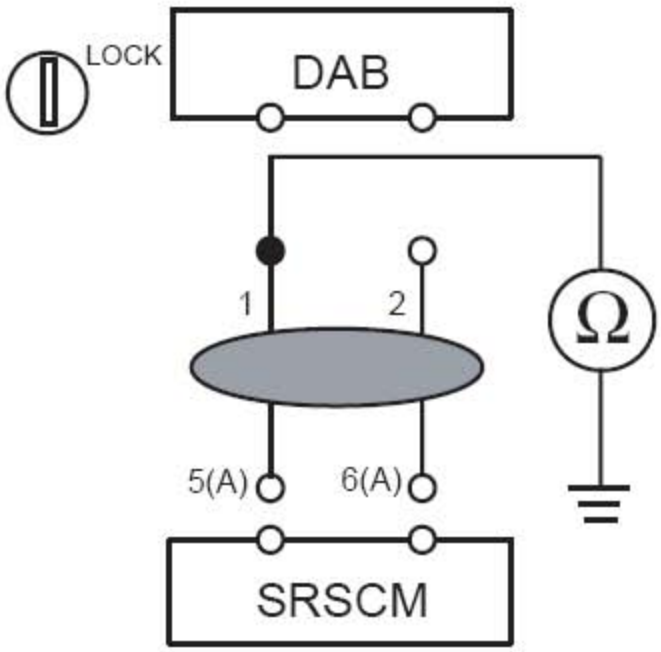
Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

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

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

Specification (resistance) : infinite



B) Is the measured resistance within specification?

YES

▶ Check the DAB Module.

NO

▶ Repair or replace the wiring harness between the DAB and the clockspring or between the clockspring and the SRSCM.

3). CHECK OPEN CIRCUIT
A) Replace the Driver Airbag(DAB) with a new one.
Refer to "Driver Airbag(DAB)" 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 DAB?

YES

▶ Check the clockspring.

NO

▶ Replace the Driver Airbag(DAB).

4). CHECK THE CLOCKSPRING
A) Check the clockspring.
Is the clockspring normal?

YES

▶ Go to next step.

NO

▶ Replace the clockspring.

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