

B1401 、 B1404 SIDE IMPACT SENSOR

DTC DESCRIPTION

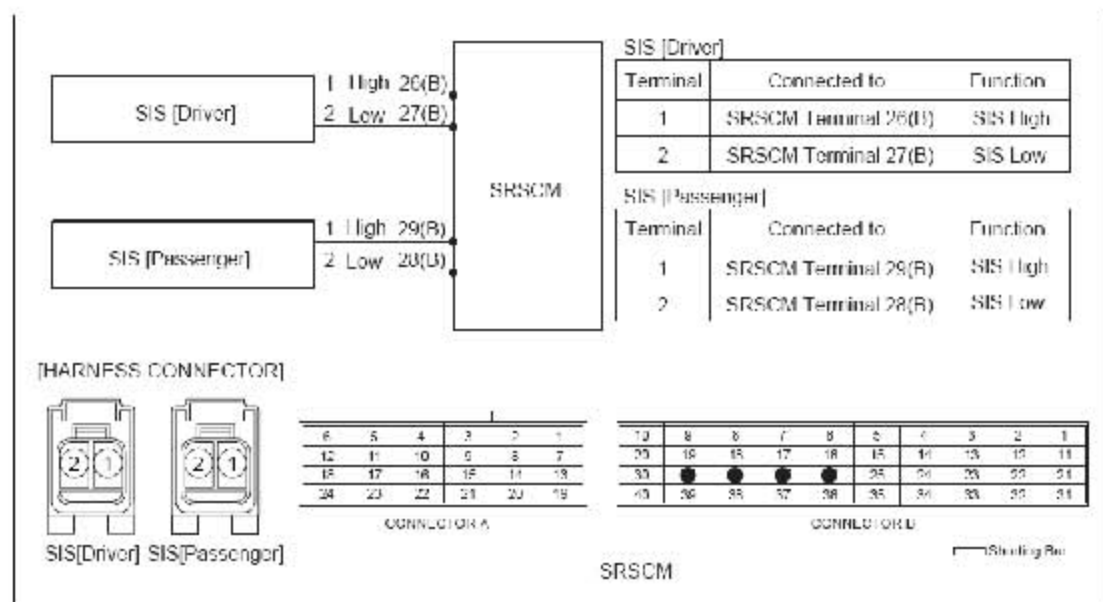
The Side Airbag circuit consists of the SRSCM and two Side Airbags (SAB).
The SRSCM sets above DTC(s) if it detects short to ground on the SAB circuit.

DTC	FAULT DESCRIPTION
B1401	SIDE IMPACT SENSOR [FRONT-DRIVER] CIRCUIT SHORT TO GROUND
B1404	SIDE IMPACT SENSOR [FRONT-PASSENGER] CIRCUIT SHORT TO GROUND

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1381 B1385	<ul style="list-style-type: none"> • Short to ground between SAB and SRSCM • Side Airbag (SAB) Malfunction • SRSCM Malfunction 	<ul style="list-style-type: none"> • Short to ground circuit on wiring harness • Side Airbag (SAB) squib • SRSCM

SCHEMATIC DIAGRAM



TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

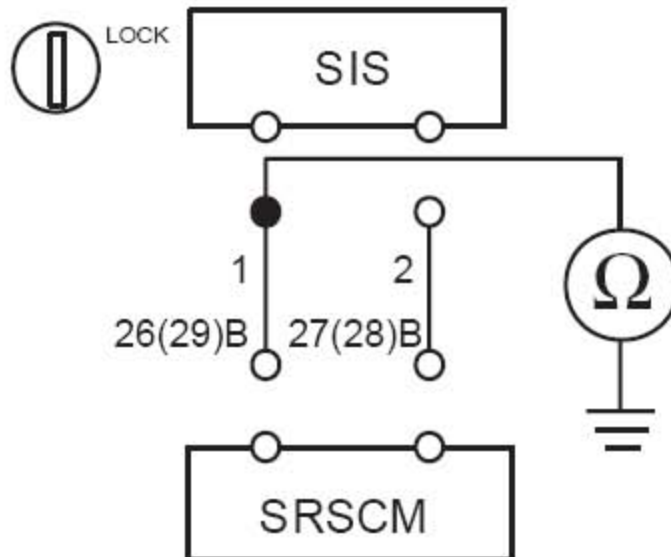
1). PREPARATION.

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

2). CHECK SHORT TO GROUND

A) Measure resistance between the terminal 1 of SIS harness connector and chassis ground.

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

YES

▶ Check the SIS

NO

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

3). CHECK THE SIDE IMPACT SENSOR

A) Replace the Side Impact Sensor(SIS) with a new one.

Refer to "Side Impact Sensor(SIS)" 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 Side Impact Sensor(SIS)?

YES

▶ Go to next step.

NO

▶ Replace SIS module.

4). CLEAR THE DTC AND CHECK THE VEHICLE AGAIN

Refer to the DESCRIPTION in this TROUBLESHOOTING section.