

## B1326 B1331 IMPACT SENSOR

### DTC DESCRIPTION

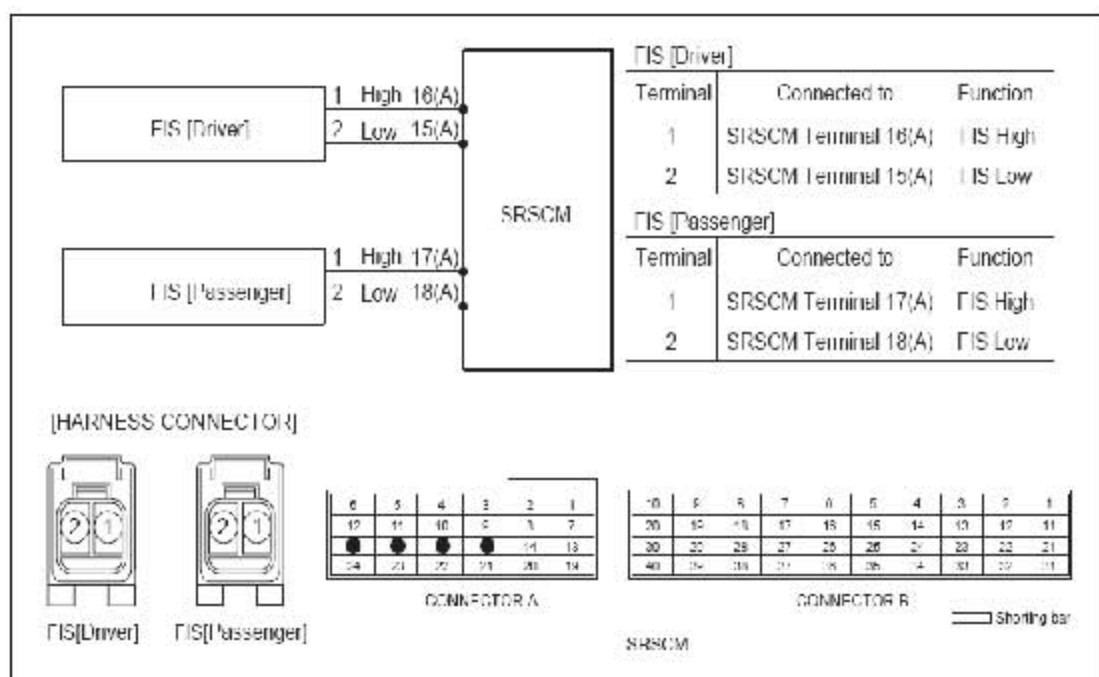
The detecting system for front crash consists of the SRSCM and two Front Impact Sensors (FIS). The SRSCM sets above DTC(s) if it detects short to battery on the FIS circuit.

DTC	FAULT DESCRIPTION
B1326	FRONT IMPACT SENSOR [DRIVER] SHORT TO GROUND
B1331	FRONT IMPACT SENSOR [PASSENGER] SHORT TO GROUND

### DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1326 B1331	<ul style="list-style-type: none"> <li>• Short to battery line between FIS and SRSCM</li> <li>• Front Impact Sensor(FIS) Malfunction</li> <li>• SRSCM Malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Short to battery line on Wiring Harness</li> <li>• Front Impact Sensor(FIS)</li> <li>• SRSCM</li> </ul>

### SCHEMATIC DIAGRAM



## TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

### INSPECTION PROCEDURE

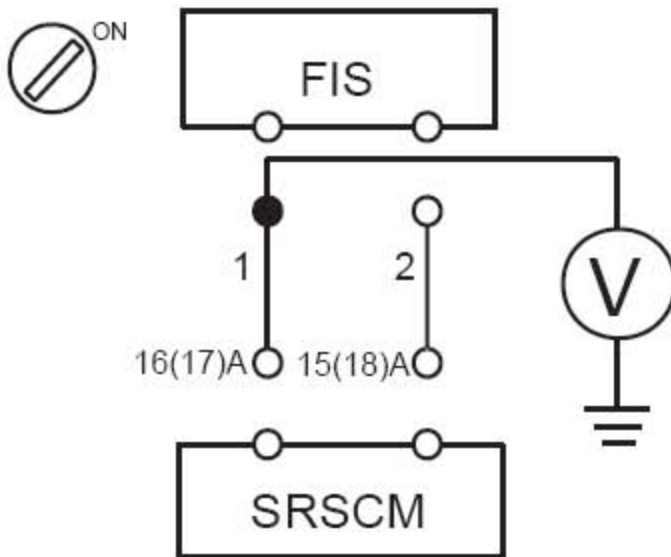
#### 1). PREPARATION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

#### 2). CHECK FIS CIRCUIT

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

**specification(resistance) :  $\infty \Omega$**



B) Is the measure dresistance within specification?

**YES**

▶ Check Front Impact Sensor.

**NO**

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

#### 3). CHECK FRONT IMPACT SENSOR

A) Replace the front impact sensor(FIS) with a new one.

Refer to "Front Impact Sensor(FIS)" 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 FIS?

**YES**

- ▶ Go to next step.

**NO**

- ▶ Replace the Front Impact Sensor(FIS).

**4). CLEAR THE DTC AND CHECK THE DTC AGAIN**

Refer to the DESCRIPTION in this TROUBLESHOOTING section.