

B1101、B1102 BATTERY VOLTAGE

DTC DESCRIPTION

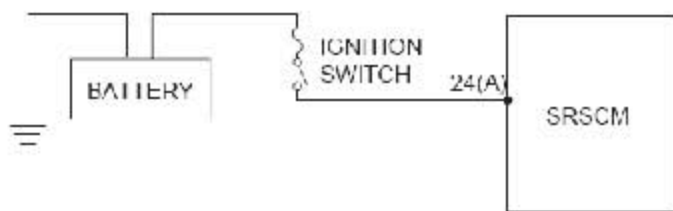
The SRSCM sets above DTC(s) if it detects that the battery voltage of restraints system is too high or too low. When the voltage returns to normal, the SRS warning light automatically goes off and a malfunction is no longer indicated.

DTC	FAULT DESCRIPTION
B1101	BATTERY VOLTAGE HIGH
B1102	BATTERY VOLTAGE LOW

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1101	Battery Voltage > 17.0 V for 4 seconds after IG ON	<ul style="list-style-type: none"> • Battery • Generator
B1102	Battery Voltage < 8.38 V for 4 seconds after IG ON	<ul style="list-style-type: none"> • Wiring Harness • SRSCM

SCHEMATIC DIAGRAM



[HARNESS CONNECTOR]

6	5	4	3	2	1
12	11	10	9	8	7
18	17	16	15	14	13
●	23	22	21	20	19

CONNECTOR A

10	9	8	7	6	5	4	3	2	1
20	19	18	17	16	15	14	13	12	11
30	29	28	27	26	25	24	23	22	21
40	39	38	37	36	35	34	33	32	31

CONNECTOR B

┌ Shorting Bar

SRSCM

SPECIFICATION

Voltage : 8.38 ~ 17.0 V

TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

1). PREPARATION

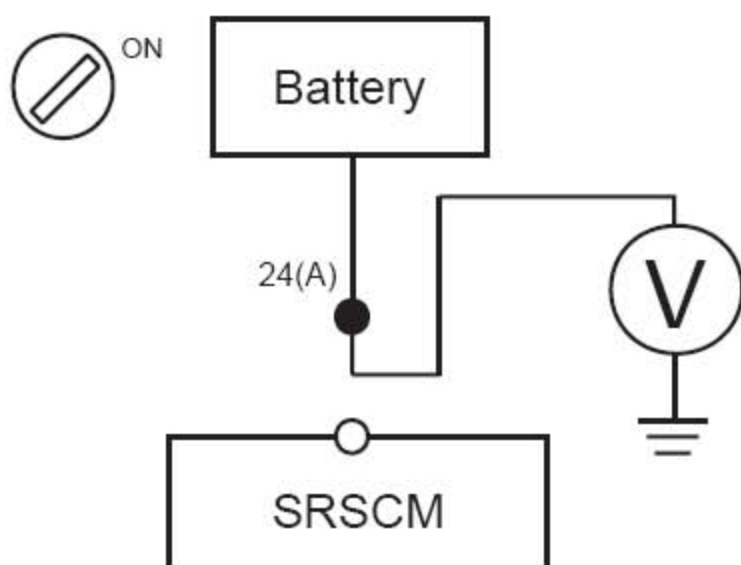
Refer to the DESCRIPTION in this TROUBLESHOOTING section.

2). CHECK SOURCE VOLTAGE

A) Turn the ignition switch to ON.

B) Measure voltage between the terminal 24(A) of SRSCM harness connector and chassis ground.

Specification (voltage) : 8.38 ~ 17.0 V



C) Is the measured voltage within specification?

YES

▶ Check the battery.

NO

▶ Replace the SRSCM with a new one, and then check the vehicle again. At this time, if the vehicle normally operates with a new SRSCM, the fault may be the SRSCM(Replace SRSCM).

3). CHECK THE BATTERY

A) Check the battery.

Refer to "EE" group in this SERVICE MANUAL.

Is the battery normal?

YES

▶ Check the generator.

NO

▶ Repair or replace the battery.(Refer to "EE" group in this SERVICE MANUAL)

4). CHECK GENERATOR

A) Check the generator.

Refer to "EE" group in this SERVICE MANUAL.

Is the generator normal?

YES

▶ Check wiring harness.

NO

▶ Repair or replace the generator.(Refer to "EE" group in this SERVICE MANUAL)

5). CHECK WIRING HARNESS

A) Check the wiring harness between the battery and SRSCM.

Is the wiring harness normal?

YES

▶ Check the DTC again.

NO

▶ Repair or Replace the wiring harness.

6). CHECK THE DTC AGAIN

A) Turn the ignition switch to LOCK and wait for at least 30 seconds.

CAUTION

Check again that the battery negative cable is disconnected from the battery.

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?

YES

▶ Perform the troubleshooting procedures associated with those codes.

NO

▶ Problem is intermittent or was repaired and SRSCM memory was not cleared.