

B1346 B1347 DRIVER AIRBAG RESISTANCE

DTC DESCRIPTION

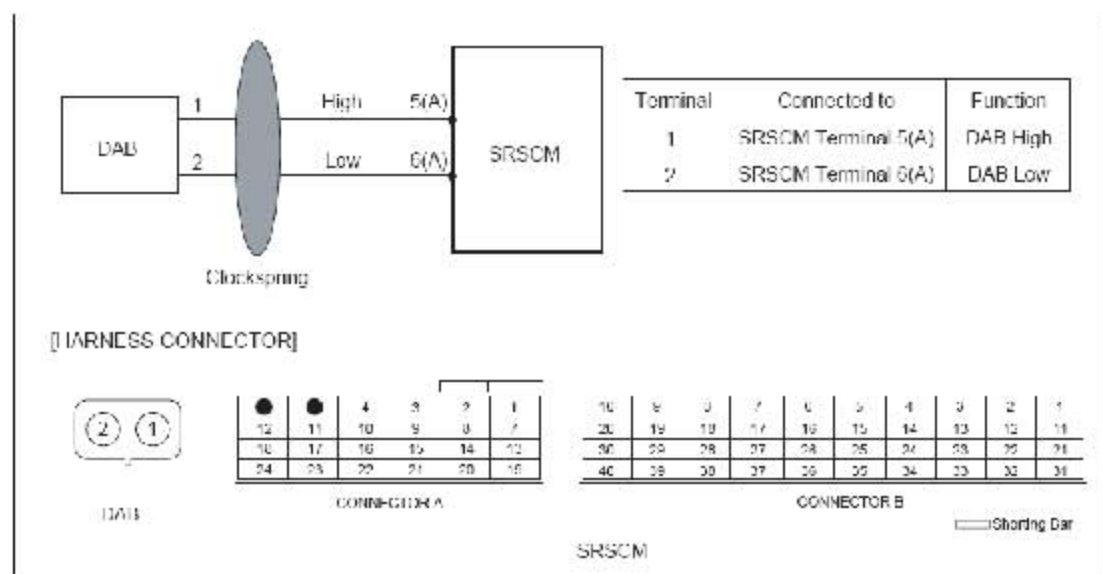
The Driver Airbag circuit consists of the SRSCM, Clockspring and the Driver Airbag (DAB). The SRSCM sets above DTC(s) if it detects that the resistance of DAB squib is too high or low.

DTC	FAULT DESCRIPTION
B1346	DRIVER AIRBAG RESISTANCE TOO HIGH
B1347	DRIVER AIRBAG RESISTANCE TOO LOW

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1346 B1347	<ul style="list-style-type: none"> • Too high or low resistance between DAB high(+) and DAB low (-) • Driver Airbag (DAB) Malfunction • Clockspring Malfunction • SRSCM Malfunction 	<ul style="list-style-type: none"> • Open or short circuit on wiring harness • Driver Airbag (DAB) squib • Clockspring • SRSCM

SCHEMATIC DIAGRAM



SPECIFICATION

DAB resistance : 1.4 ~ 6.2 Ω

TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

1). PREPARATION.

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

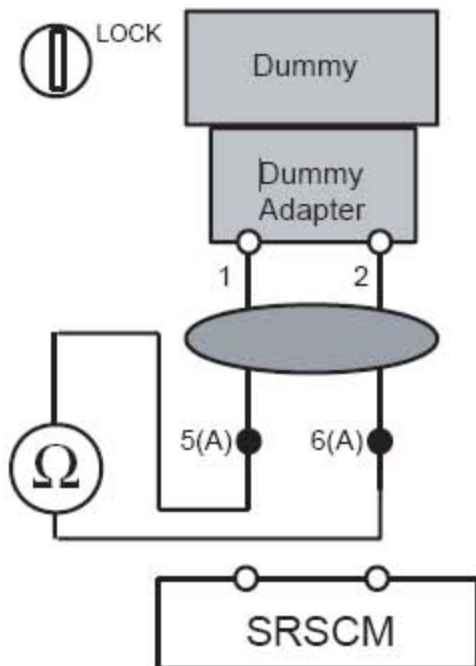
2). CHECK DAB RESISTANCE.

CAUTION

Never attempt to measure the circuit resistance of the airbag module(squib) even if you are using the specified tester

- A) Connect the Dummy and the Dummy Adapter on DAB harness connector. Refer to "SPECIAL SERVICE TOOL" section in this SERVICE MANUAL for the SST No. of Dummy and Dummy Adapter.
- B) Measure resistance between the terminal 5 and 6 of SRSCM harness connector(A).

Specification (resistance) : 1.4 ~ 6.2 Ω



C) Is the measured resistance within specification?

YES

▶ Check open circuit.

NO

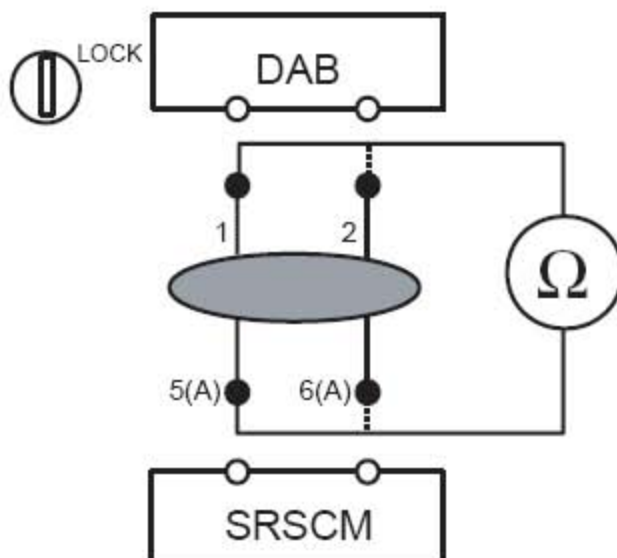
▶ Replace the Driver Airbag(DAB) module.

3). CHECK OPEN CIRCUIT

A) Measure resistance between the terminal 1 of DAB harness connector and the terminal 5 of SRSCM harness connector(A).

B) Measure resistance between the terminal 2 of DAB harness connector and the terminal 6 of SRSCM harness connector(A).

Specification (resistance) : below 1 Ω



C) Is the measured resistance within specification?

YES

▶ Check short circuit.

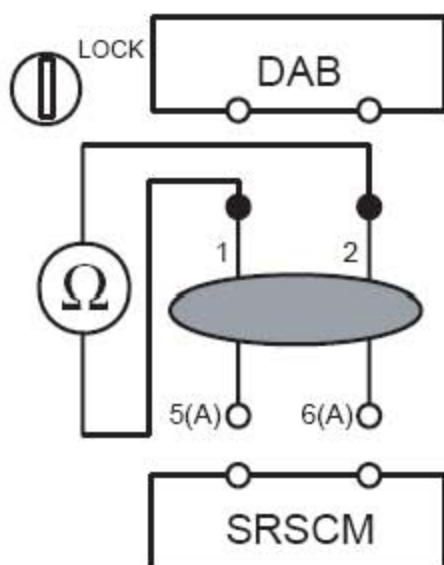
NO

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

4). CHECK SHORT CIRCUIT

A) Measure resistance between the terminal 1 and 2 of DAB harness connector.

Specification (resistance) : $\infty \Omega$



B) Is the measured resistance within specification?

YES

- ▶ Go to next step.

NO

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

5). CLEAR THE DTC AND CHECK THE VEHICLE AGAIN

Refer to the DESCRIPTION in this TROUBLESHOOTING section.