

## B1361 B1362 B1367 B1368 SEAT BELT PRETENSIONER

### DTC DESCRIPTION

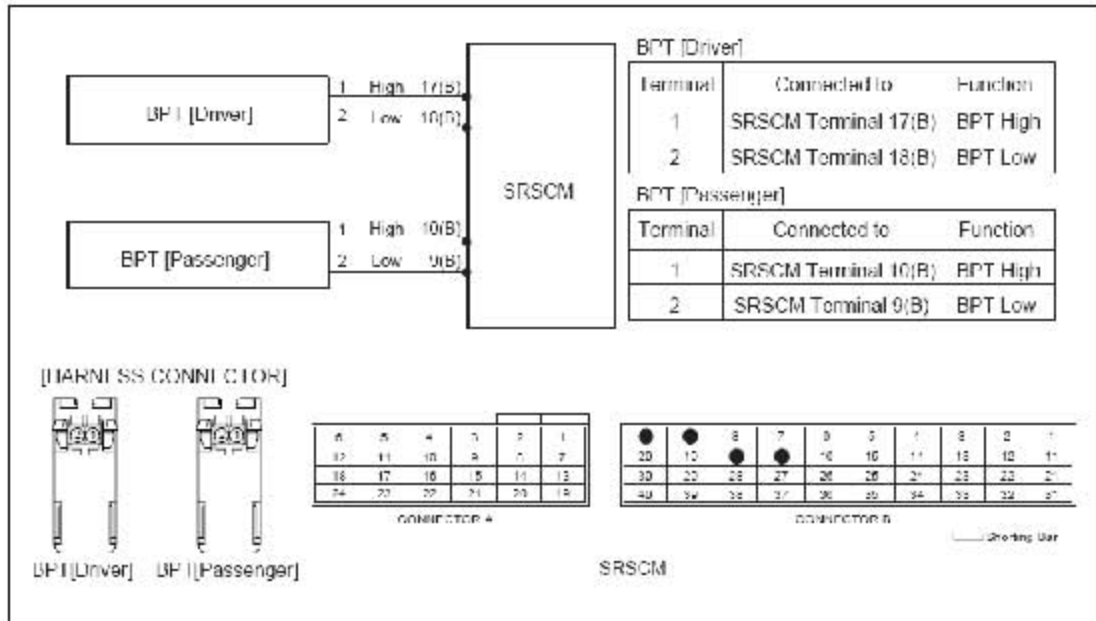
The Seat Belt Pretensioner circuit consists of the SRSCM and two Seat Belt Pretensioners (BPT). The SRSCM sets above DTC(s) if it detects that the resistance of BPT squib is too high or low.

DTC	FAULT DESCRIPTION
B1361	SEAT BELT PRETENSIONER [FRONT-DRIVER] RESISTANCE TOO HIGH
B1362	SEAT BELT PRETENSIONER [FRONT-DRIVER] RESISTANCE TOO LOW
B1367	SEAT BELT PRETENSIONER [FRONT-PASSENGER] RESISTANCE TOO HIGH
B1368	SEAT BELT PRETENSIONER [FRONT-PASSENGER] RESISTANCE TOO LOW

### DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1361 B1362 B1367 B1368	<ul style="list-style-type: none"> <li>• Too high or low resistance between BPT high(+) and BPT low (-)</li> <li>• Seat Belt Pretensioner (BPT) Malfunction</li> <li>• SRSCM Malfunction</li> </ul>	<ul style="list-style-type: none"> <li>• Open or short circuit on wiring harness</li> <li>• Seat Belt Pretensioner (BPT) squib</li> <li>• SRSCM</li> </ul>

## 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.

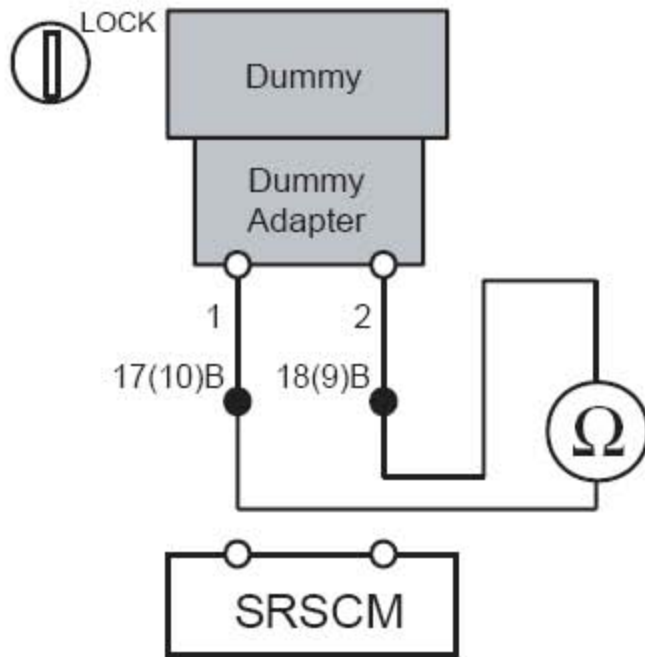
### 2). CHECK BPT RESISTANCE.

## CAUTION

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

- 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.
- Measure resistance between the terminal 17(10) and 18(9) of SRSCM harness connector(A).

**Specification (resistance)** : 1.4 ~ 6.2 Ω



C) Is the measured resistance within specification?

**YES**

▶ Replace the Seat Belt Pretensioner(BPT) module.

**NO**

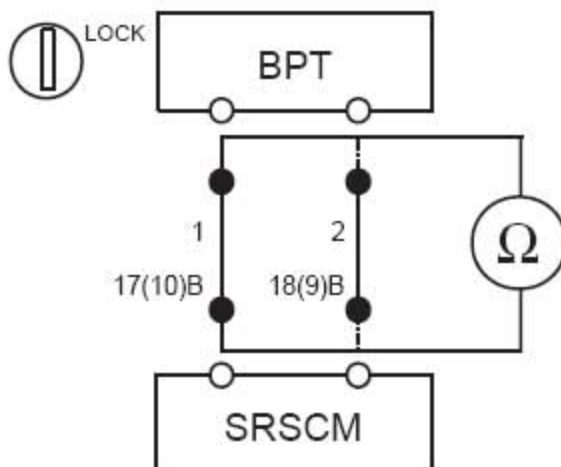
▶ Check open circuit

3). CHECK OPEN CIRCUIT

A) Measure resistance between the terminal 1 of BPT harness connector and the terminal 17(10) of SRSCM harness connector(B).

B) Measure resistance between the terminal 2 of BPT harness connector and the terminal 18(9) of SRSCM harness connector(B).

**Specification (resistance) : below 1 Ω**



C) Is the measured resistance within specification?

**YES**

- ▶ Check short circuit.

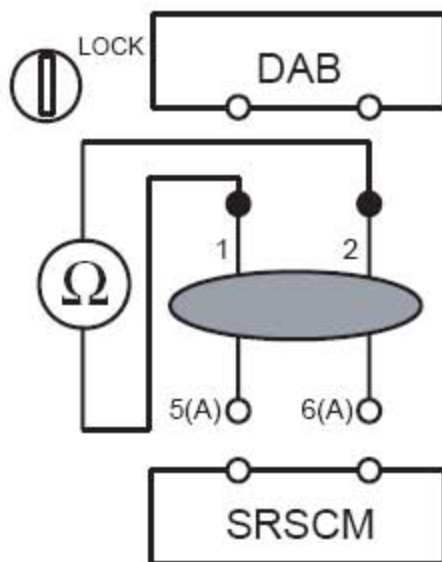
**NO**

- ▶ 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**

- ▶ Check short circuit.

**NO**

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

#### 5). CLEAR THE DTC AND CHECK THE VEHICLE AGAIN

Refer to the DESCRIPTION in this TROUBLESHOOTING section.