B1650、B1651、B1652、B1657、B1658 CRASH RECORDED
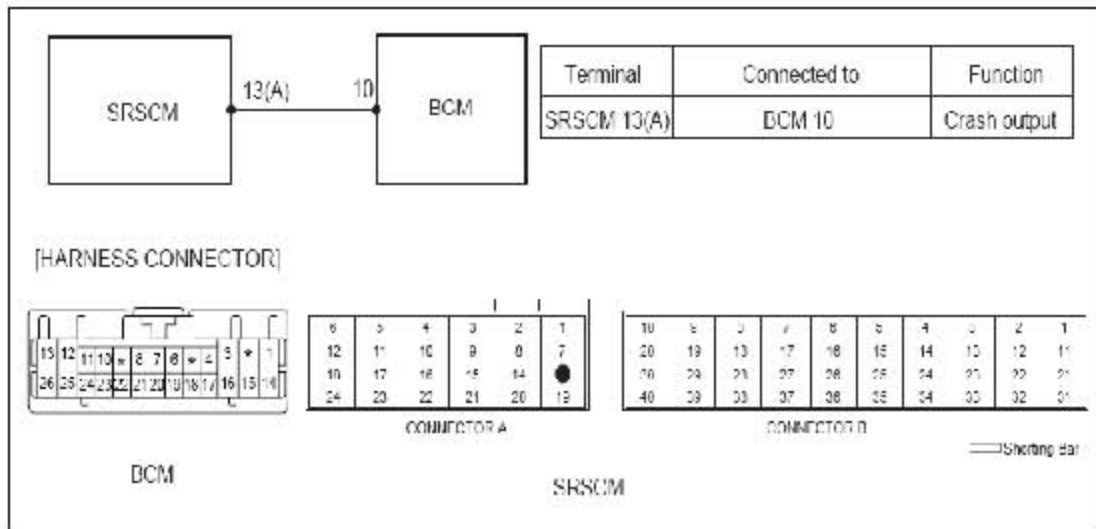
DTC DESCRIPTION

When a deployment of any restraint system for seat belt pretensioner and frontal and side air bags occurs, the crash output is activated. The purpose of this output is to signal BCM (Body Control Module) in the vehicle to unlock the vehicle doors. If a crash output is in progress, a second crash output signal will not be sent unless the first one is completed. The SRSCM doesn't perform diagnostics on the crash output function. After a frontal or side crash event is sensed and algorithm makes firing decision, above mentioned crash record is stored after squib deployment.

DTC	FAULT DESCRIPTION
B1650	CRASH RECORDED - FRONTAL (REPLACE SRSCM)
B1651	CRASH RECORDED - DRIVER SIDE (REPLACE SRSCM)
B1652	CRASH RECORDED - PASSENGER SIDE (REPLACE SRSCM)
B1657	CRASH RECORDED - BELT PRETENSIONER ONLY
B1658	BELT PRETENSIONER 6 TIMES DEPLOYMENT (REPLACE SRSCM)

DTC DETECTING CONDITION

DTC	Condition	Probable cause
B1650 B1651 B1652 B1657 B1658	• Frontal crash • Side crash • Seat belt pretensioner only deployed	• SRSCM • Front Impact Sensor • Side Impact Sensor • Seat Belt Pretensioner

SCHEMATIC DIAGRAM

SPECIFICATION

CAB resistance : 1.4 ~ 6.2 Ω

TERMINAL & CONNECTOR INSPECTION

Refer to the DESCRIPTION in this TROUBLESHOOTING section.

INSPECTION PROCEDURE

If the above mentioned DTC is confirmed it can't be cleared by Hi-Scan tool except for the B1657, and the SRSCM should be replaced. However, for the DTC B1657, Belt pretensioner only deployment, it can be erased for 5 times and the SRSCM can be reusable. If the deployment of Belt pretensioner reaches to 6 times, the SRSCM will set DTC B1658 and the SRSCM should be replaced accordingly.