

B1218, B1219 DIAGNOSIS SENSOR UNIT

Description

Checks the entire SRS and displays the malfunction either by illuminating or blinking the air bag warning lamp on the combination meter. Malfunctioning part can be detected by on board self-diagnosis system and CONSULT-III.

OPERATION

When air bag diagnosis sensor unit judges both signal voltage of the "G" sensor and the Safing algorithm to be that of collision which exceeds specified level, the driving circuit switches on and feeds the electric ignitor of both the front side air bag and side curtain air bag.

STRUCTURE

It detects a shock that exceeds a specified level and monitors whether the driver and passenger air bags, front side air bag, side curtain air bag and pre-tensioner seat belts operate normally.

INSTALLATION

Air bag diagnosis sensor unit is installed under the center console with fixed bolts.

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
B1218 B1219	CONTROL UNIT	Air bag diagnosis sensor unit is malfunctioning or out of the specification	<ul style="list-style-type: none"> • Malfunction in air bag diagnosis sensor unit • Configuration in air bag diagnosis sensor unit does not match the vehicles specification

DTC CONFIRMATION PROCEDURE

- 1).CHECK SELF-DIAG RESULT
 - A).Turn ignition switch ON.
 - B).Perform "AIR BAG" Self Diagnostic Result.
 - C).Turn ignition switch ON.
 - D).Check the air bag warning lamp status.
 - E).Is malfunctioning part detected?
 - YES >> Refer to SRC-140, "Diagnosis Procedure".
 - NO >> INSPECTION END

Diagnosis Procedure

- 1).CHECK HARNESS CONNECTOR
 - A).Check the harness connector.
 - B).Is the inspection result normal?
 - YES >> GO TO 2.
 - NO >> Replace harness connector.
- 2).CHECK WIRING HARNESS
 - A).Check the wiring harness externals.
 - B).Is the inspection result normal?
 - YES >> GO TO 3.
 - NO >> Replace wiring harness.
- 3).REPLACE SATELLITE SENSOR
 - A).Replace LH satellite sensor.
 - B).Perform DTC confirmation procedure.
 - C).Is DTC detected?
 - YES >> GO TO 4.
 - NO >> INSPECTION END
- 4).REPLACE AIR BAG DIAGNOSIS SENSOR UNIT
 - A).Replace air bag diagnosis sensor unit.
 - B).Perform DTC confirmation procedure.
 - C).Is DTC detected?
 - YES >> GO TO 1.
 - NO >> INSPECTION END