B1120, B1121 SATELLITE SENS LH

Description

Main "G" sensor generates signal voltage, when it detects deceleration beyond the specified level by vehicle side collision.

OPERATION

When air bag diagnosis sensor unit define the 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 side air bag and curtain air bag.

STRUCTURE

Integrated type of the "G" sensor element for side collision with output terminals for signal voltage.

INSTALLATION

LH satellite sensor is installed at the underside of center pillar with fixed nuts.

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
B1120 B1121	SATELLITE SENS LH [COMM FAIL] [UNMATCH]	LH satellite sensor is out of order	• Disconnection of wiring harness • Internal breakdown in LH satellite sensor • Internal breakdown in air bag diagnosis sensor unit

DTC CONFIRMATION PROCEDURE

1).INSPECTION START
    Turn ignition switch ON.

2).CHECK SELF-DIAG RESULT
    A).Check the screen of CONSULT-III.
    B).Is malfunctioning part detected?
      YES >> Refer to SRC-101, "Diagnosis Procedure".
      NO >> INSPECTION END.

3).INSPECTION START
    Turn ignition switch ON.

4).CHECK AIR BAG WARNING LAMP
    A).Check the air bag warning lamp status.
    B).Is malfunctioning part detected?
      YES >> Refer to warning lamp flash code chart.
      NO >> INSPECTION END.

Diagnosis Procedure

1).CHECK HARNESS CONNECTOR
    A).Check the connection of harness connector.
    B).Is the inspection result normal?
      YES >> GO TO 2.
      NO >> Repair or replace harness connectors.

2).CHECK WIRING HARNESS
    A).Check the wiring harness externals.
    B).Is the inspection result normal?
      YES >> GO TO 3.
      NO >> Repair or replace wiring harness.

3).CHECK SATELLITE SENSOR
    A).Replace RH satellite sensor.
    B).Check the screen of CONSULT-III.
    C).Is the inspection result normal?
      YES >> INSPECTION END.
      NO >> Check the intermittent incident.