

# B1210 SIDE COLLISION DETECTION

## Description

When detect a component damage resulting from a side collision, brinks or illuminates the air bag warning lamp to inform the driver. Malfunctioning can be detected by the CONSULT-III.

## OPERATION

The front side air bag and side curtain air bag are operated by the decision of the air bag diagnosis sensor unit signal of the side collision.

## STRUCTURE

It consists of satellite sensor, air bag diagnosis sensor unit, front side air bag and side curtain air bag.

## DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
B1210	SIDE COLLISION DETECTION	Front side air bag, side curtain air bag is deployed	—

## 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-132, "Diagnosis Procedure".

NO >> INSPECTION END.

## Diagnosis Procedure

- 1).CHECK FRONT SIDE AIR BAG MODULE
  - A).Check front side air bag module.
  - B).Is the front side air bag module deployed?
    - C).YES >> Replace front side air bag module
  
- 2).CHECK SIDE CURTAIN AIR BAG MODULE
  - A).Check side curtain air bag module.
  - B).Is the side curtain air bag module deployed?
    - YES >> Replace side curtain air bag module.
    - NO >> GO TO 3.
  
- 3).CHECK SATELLITE SENSOR
  - A).Check satellite sensor.
  - B).Is the front side air bag module and/or side curtain air bag module deployed?
    - YES >> Replace satellite sensor.
    - NO >> GO TO 4.
  
- 4).CHECK AIR BAG DIAGNOSIS SENSOR UNIT
  - A).Check air bag diagnosis sensor unit.
  - B).Is the front side air bag module and/or side curtain air bag module deployed?
    - YES >> Replace air bag diagnosis sensor unit. NO >> GO TO 5.
  
- 5).FINAL CHECK
  - A).Check the screen of CONSULT-III and/or Air bag warning lamp status.
  - B).Is the inspection result normal?
    - YES >> INSPECTION END.
    - NO >> Check the intermittent incident.