

B1146 CURTAIN MODULE RH

Description

For RH side curtain air bag module, crash is judged by main "G" sensor output signal (left side:LH satellite sensor, right side:RH satellite sensor) and Safing algorithm (left and right GP in air bag diagnosis sensor unit).

OPERATION

In case of collision whose acceleration exceeds the specified level, the ignition materials are ignited by electric ignition system. The system burns and introduces the chemical reaction of gas generating materials to generate hot gases that flow into the air bag through a filter and expand the bag.

STRUCTURE

RH side curtain air bag module mainly consists of air bag and inflator which inflates air bag.

INSTALLATION

RH side curtain air bag module is installed on the roof side with fixed bolts.

DTC DETECTION LOGIC

DTC	Display item	Malfunction detected condition	Possible cause
B1146	CURTAIN MODULE RH [VB-SHORT]	RH side curtain air bag module circuit is shorted to some power supply circuit	<ul style="list-style-type: none"> • Disconnection of wiring harness and short • Internal breakdown in RH side curtain air bag module • 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-109, "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 SIDE CURTAIN AIR BAG MODULE

A).Replace RH side curtain air bag module.

B).Check the screen of CONSULT-III.

C).Is the inspection result normal?

YES >> INSPECTION END.

NO >> Check the intermittent incident.