

SYSTEM DESCRIPTION

1. SUPPLEMENTAL RESTRAINT SYSTEM

- (a) In the Supplemental Restraint System, the center airbag sensor assembly installed on the floor under the A/C unit determines whether or not to deploy the SRS airbag, and activates the seat belt pretensioner by receiving the information signal of the collision impact from each sensor. The driver airbag and front passenger airbag deploy in the 2nd step. The center airbag sensor assembly controls the 2nd step deployment of the airbags around the driver's seat according to the collision impact force, seat position and seat belt ON / OFF. The center airbag sensor assembly controls the 2nd step of the airbags around the passenger seat according to the collision impact force, seat position and seat belt ON / OFF. When the system has trouble, the SRS warning light on the combination meter assembly comes on and blinks to inform the driver of the trouble.

RS

HOW TO PROCEED WITH TROUBLESHOOTING

HINT:

*: Use the intelligent tester.

RS

1 VEHICLE BROUGHT TO WORKSHOP

NEXT

2 INSPECT BATTERY VOLTAGE

Standard voltage:
11 to 14 V

If the voltage is below 11 V, recharge or replace the battery before proceeding.

NEXT

3 WARNING LIGHT CHECK

(a) Refer to check operation (see page [RS-21](#)).

NEXT

4 CHECK FOR DTC*

- (a) Check for DTCs and note any codes that are output (see page [RS-21](#)).
- (b) Delete the DTC.
- (c) Recheck for DTCs. Based on the DTC output above, try to force output of the same DTC by simulating the symptoms indicated by the DTC.

Result:

Result	Proceed to
DTC does not reoccur	A
DTC reoccurs	B

B

Go to step 7

A

5 PROBLEM SYMPTOM TABLE

Result:

Result	Proceed to
Fault is not listed in problem symptoms table	A
Fault is listed in problem symptoms table	B

B

Go to step 7

A

6

OVERALL ANALYSIS AND TROUBLESHOOTING*

- (a) Terminals of ECU (see page [RS-17](#)).
- (b) On-vehicle inspection.
 - Steering pad (see page [RS-186](#)).
 - Front passenger airbag assembly (see page [RS-200](#)).
 - Center airbag sensor assembly (see page [RS-210](#)).
 - Front airbag sensor assembly LH, RH (see page [RS-213](#)).
 - Seat position sensor (see page [RS-217](#)).
- (c) Inspection.
 - Steering pad (see page [RS-187](#)).
 - Spiral cable sub-assembly (see page [RS-197](#)).
 - Front passenger airbag assembly (see page [RS-201](#)).

NEXT

7

ADJUST, REPAIR OR REPLACE

NEXT

8

CONFIRMATION TEST

NEXT

END

RS