05JPG–01

SYSTEM DESCRIPTION

1. DESCRIPTION OF SUPPLEMENTAL RESTRAINT SYSTEM

(a) General description.

(1) In this system, the airbag sensor assy center installed on the floor under the A/C unit determines whether or not to activate the SRS airbag (driver airbag, passenger airbag, front seat airbags and curtain shield airbags) and seat belt pretensioners by receiving the collision signal from each sensor (excluding the airbag sensor assy center).

(b) Description of the dual stage control.

(1) The airbag sensor assy center controls the dual step deployment of the driver airbag in the horn button assy and the passenger airbag on the instrument panel. The airbag sensor assy center controls the dual step deployment of the driver airbag according to the collision impact, seat position and seat belt ON/OFF state. If also controls the dual step deployment of the passenger airbag according to the collision impact and seat belt ON/OFF state.

When there is trouble in the system, the airbag sensor assy center turns on the SRS warning light on the combination meter assy to inform the driver.

(c) Description of check mode.

(1) This airbag sensor assy center is operable using the check mode of the hand–held tester function. Check mode can detect and output DTC by using a hand–held tester to switch the airbag sensor assy center to the check mode.

A simulation method is used, if the malfunction cannot be reproduced during troubleshooting (the malfunction is temporarily solved, etc.). In this case, joggling each connector, or driving on a city or rough road with the airbag sensor assy center in check mode makes it possible to obtain a more accurate malfunction condition.