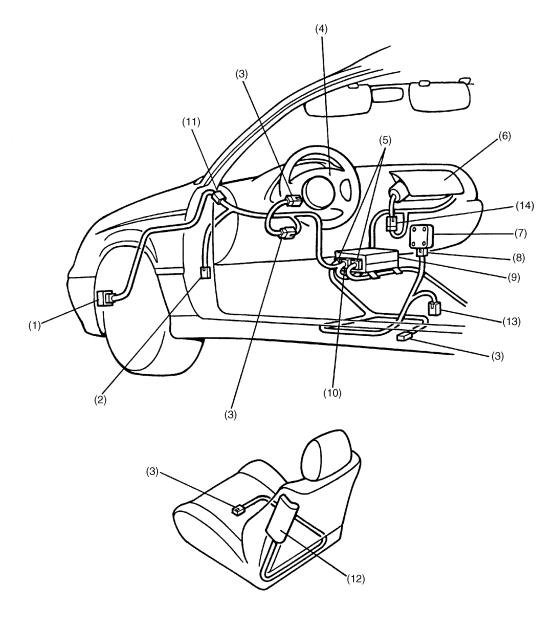


AIRBAG SYSTEM

Airbag System

1. Airbag System

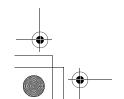
A: INSTALLATION



B5H0840B

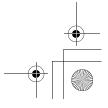
- (1) Front sub sensor
- (2) 7-pin connector (Yellow)
- (3) 2-pin connector (Yellow)
- (4) Airbag module (Driver)
- (5) 12-pin connector (Yellow)
- (6) Airbag module (Passenger)
- (7) Side airbag sensor

- (8) 4-pin connector (Yellow)
- (9) Airbag control module
- (10) 28-pin connector (Yellow)
- (11) 2-pin connector (Blue)
- (12) Airbag module (Side)
- (13) 2-pin connector (Yellow) (To seat belt pretensioner)
- (14) 4-pin connector (Yellow)

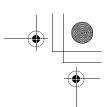












AIRBAG SYSTEM

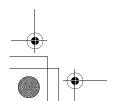
Airbag System

B: FUNCTION

1. FRONT AIRBAGS

The airbag system is provided as a driver and front passenger restraint system supplementary to the seat belts. When an impact greater than a set level is applied to the front of the vehicle, the sensors generate an electrical pulse to inflate the airbags in the airbag modules, thus preventing the driver's and passenger's upper bodies from directly hitting against the steering wheel, instrument panel and/or windshield.

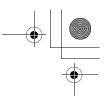
Passenger side **Driver side** Safety sensor and Inflator Safety sensor and electric sensor electric sensor Front Front sub sensor sub sensor Collision • Front sub sensor, electric sensor and safety sensor detect an impact greater than the set level. Inflators are ignited. • Gas is generated. Airbag inflation completes. Gas is discharged. Airbags deflate. B5H0504B









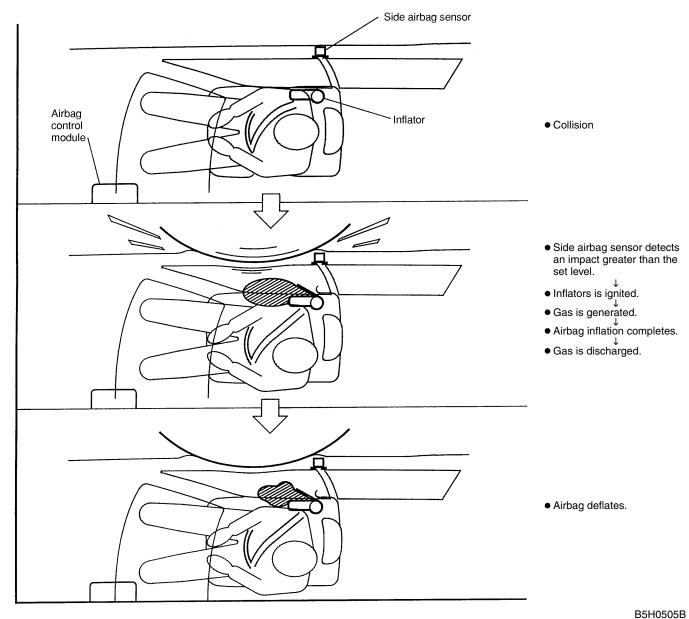


AIRBAG SYSTEM

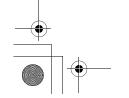
Airbag System

2. SIDE AIRBAGS

The side airbags provide the driver and front passenger with a restraint supplementary to that by the seat belts in the event of a side-on collision. When an impact greater than the set level is applied to either side of the vehicle, the relevant side airbag sensor sends an ignition signal to the corresponding airbag control module. The side airbag module operates to inflate the airbag, thus reducing the shock inflicted in the outside upper body (chest) of the driver or front passenger.









AB-4

