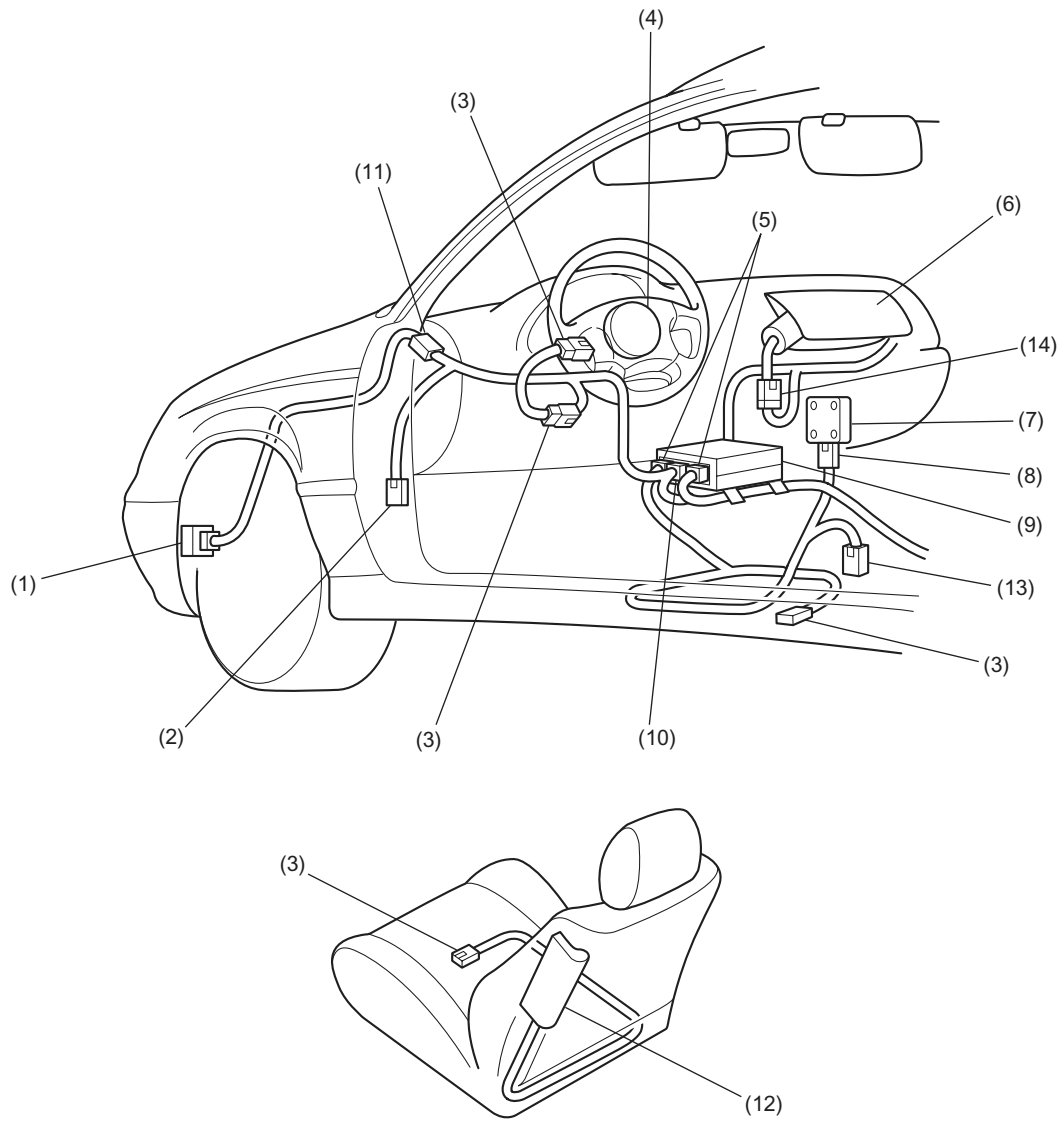


AIRBAG SYSTEM

Airbag System

1. Airbag System

A: CONSTRUCTION



AB-00269

- | | |
|-------------------------------|--|
| (1) Front sub sensor | (8) 4-pin connector (yellow) |
| (2) 12-pin connector (yellow) | (9) Airbag control module |
| (3) 2-pin connector (yellow) | (10) 28-pin connector (yellow) |
| (4) Airbag module (driver) | (11) 2-pin connector (blue) |
| (5) 12-pin connector (yellow) | (12) Airbag module (side) |
| (6) Airbag module (passenger) | (13) 2-pin connector (yellow)
(to seat belt pretensioner) |
| (7) Side airbag sensor | (14) 4-pin connector (yellow) |

AIRBAG SYSTEM

Airbag System

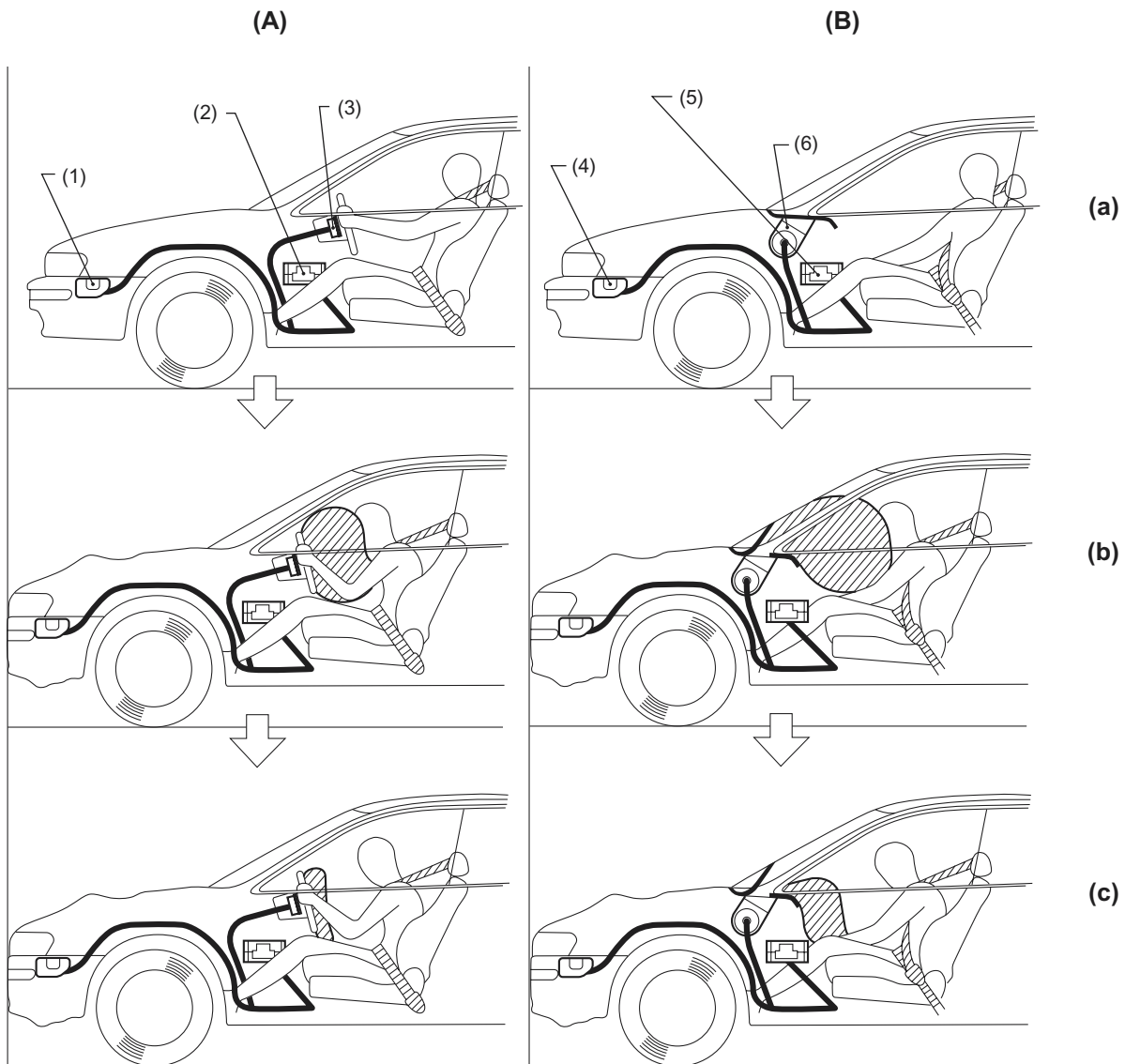
B: FUNCTION

1. FRONT AIRBAG

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.

AIRBAG SYSTEM

Airbag System



AB-00090

(A) Driver side
(B) Passenger side

- (1) Front sub sensor
- (2) Safety sensor and electric sensor
- (3) Inflator
- (4) Front sub sensor
- (5) Safety sensor and electric sensor
- (6) Inflator

- (a)** • Collision occurs.
- (b)** • Front sub sensor, electric sensor and safety sensor detect an impact greater than the set level.
 - Inflators is ignited.
 - Gas is generated.
 - Airbag inflation completes.
 - Gas is discharged.
- (c)** • Airbags deflate.

AIRBAG SYSTEM

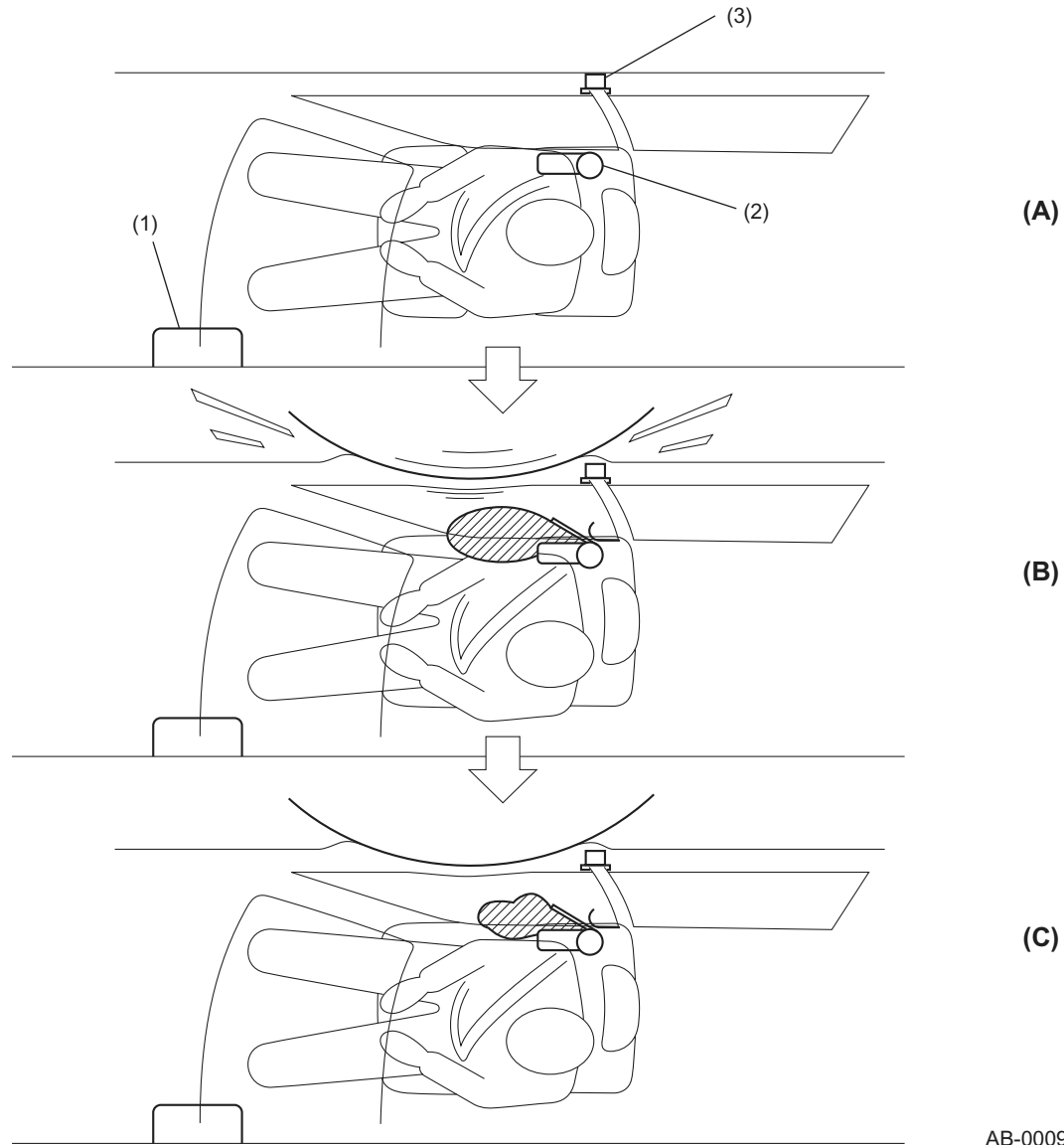
Airbag System

2. SIDE AIRBAG

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 airbag control module activates the side airbag module to inflate the airbag, thus reducing the shock inflicted in the outside upper body (chest) of the driver or front passenger.

AIRBAG SYSTEM

Airbag System



- (1) Airbag control module
- (2) Inflator
- (3) Side airbag sensor

- (A) ● Collision occurs.
- (B) ● The side airbag sensor detects an impact greater than the set level.
 - Inflators is ignited.
 - Gas is generated.
 - Airbag inflation completes.
 - Gas is discharged.
- (C) ● Airbags deflate.