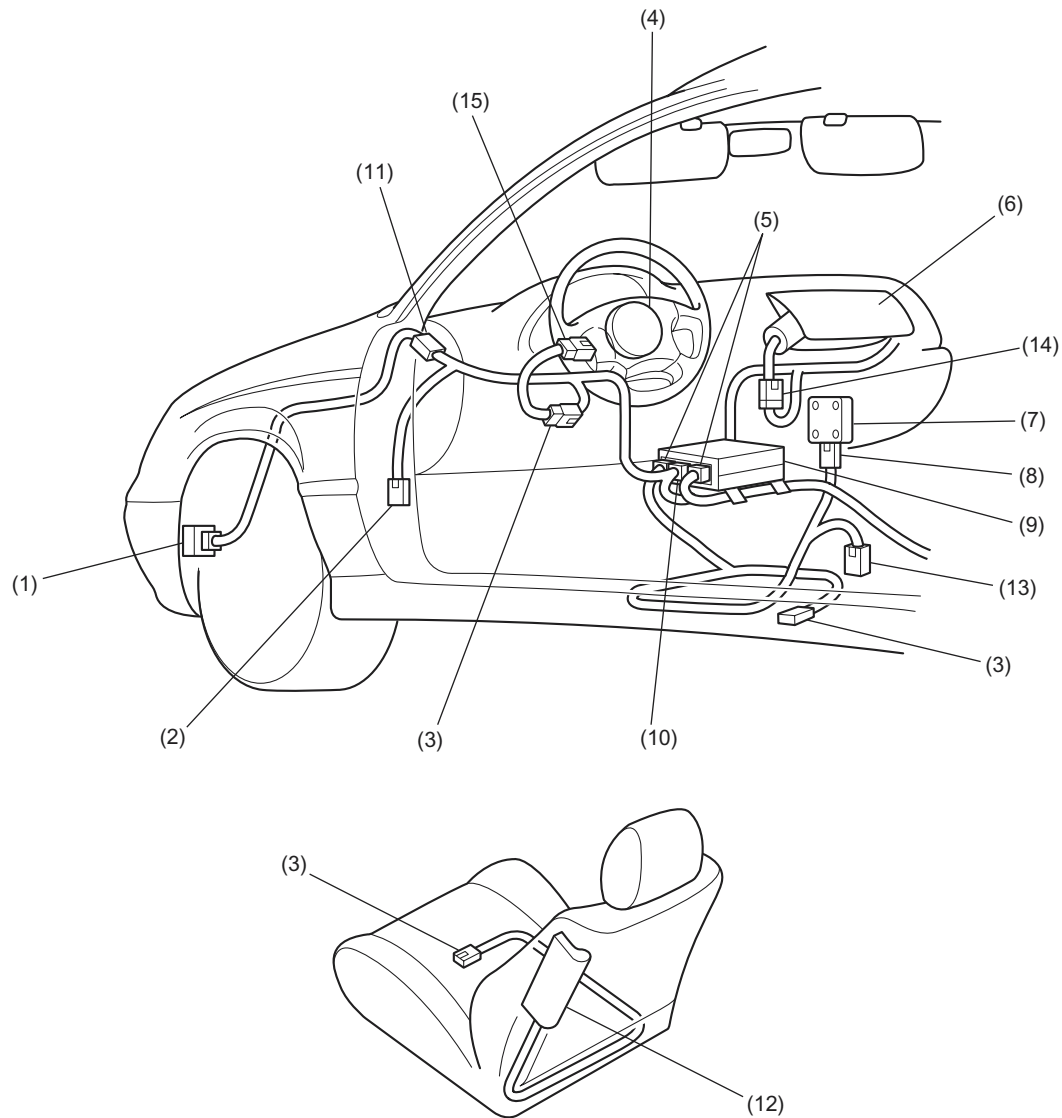


## AIRBAG SYSTEM

### AIRBAG SYSTEM

## 1. Airbag System

### A: CONSTRUCTION



AB-00599

- |                               |  |
|-------------------------------|--|
| (1) Front sub sensor          | (9) Airbag control module                                |
| (2) 6-pin connector (yellow)  | (10) 28-pin connector (yellow)                           |
| (3) 2-pin connector (yellow)  | (11) 2-pin connector (yellow)                            |
| (4) Airbag module (driver)    | (12) Airbag module (side)                                |
| (5) 12-pin connector (yellow) | (13) 2-pin connector (black) (to seat belt pretensioner) |
| (6) Airbag module (passenger) | (14) 2-pin connector (yellow)                            |
| (7) Side airbag sensor        | (15) 2-pin connector (black)                             |
| (8) 4-pin connector (yellow)  |  |

AB-2

## AIRBAG SYSTEM

AIRBAG SYSTEM

### B: FUNCTION

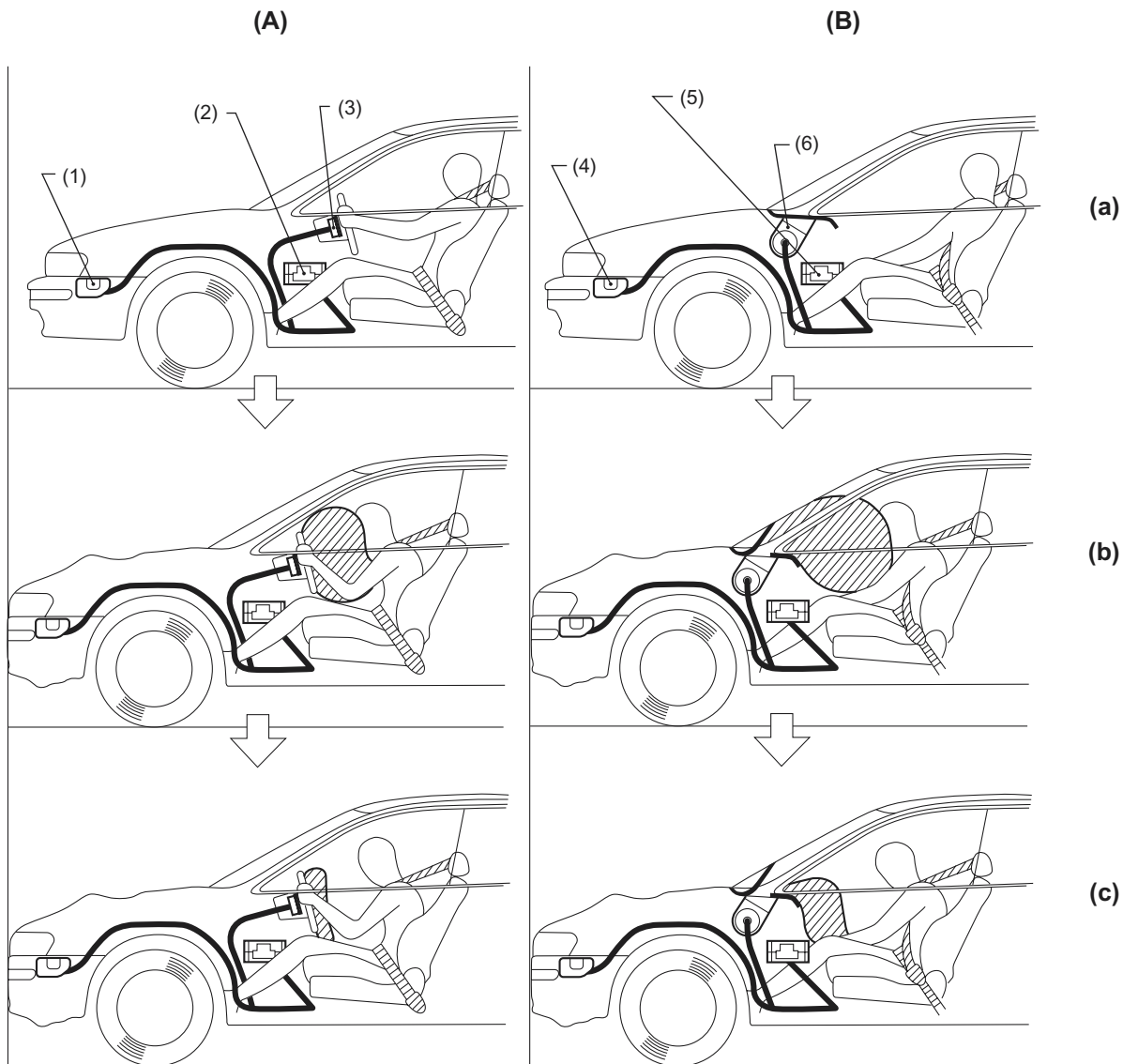
#### 1. FRONT AIRBAG

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 airbag control module activates the airbag modules in response to the signal from the sensor. The airbag modules activate to inflate the airbags, thus preventing the driver's and passenger's upper bodies from directly hitting against the steering wheel, instrument panel and/or windshield.

AB-3

# AIRBAG SYSTEM

## AIRBAG SYSTEM



AB-00090

- (A)** Driver's side  
**(B)** Passenger's 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

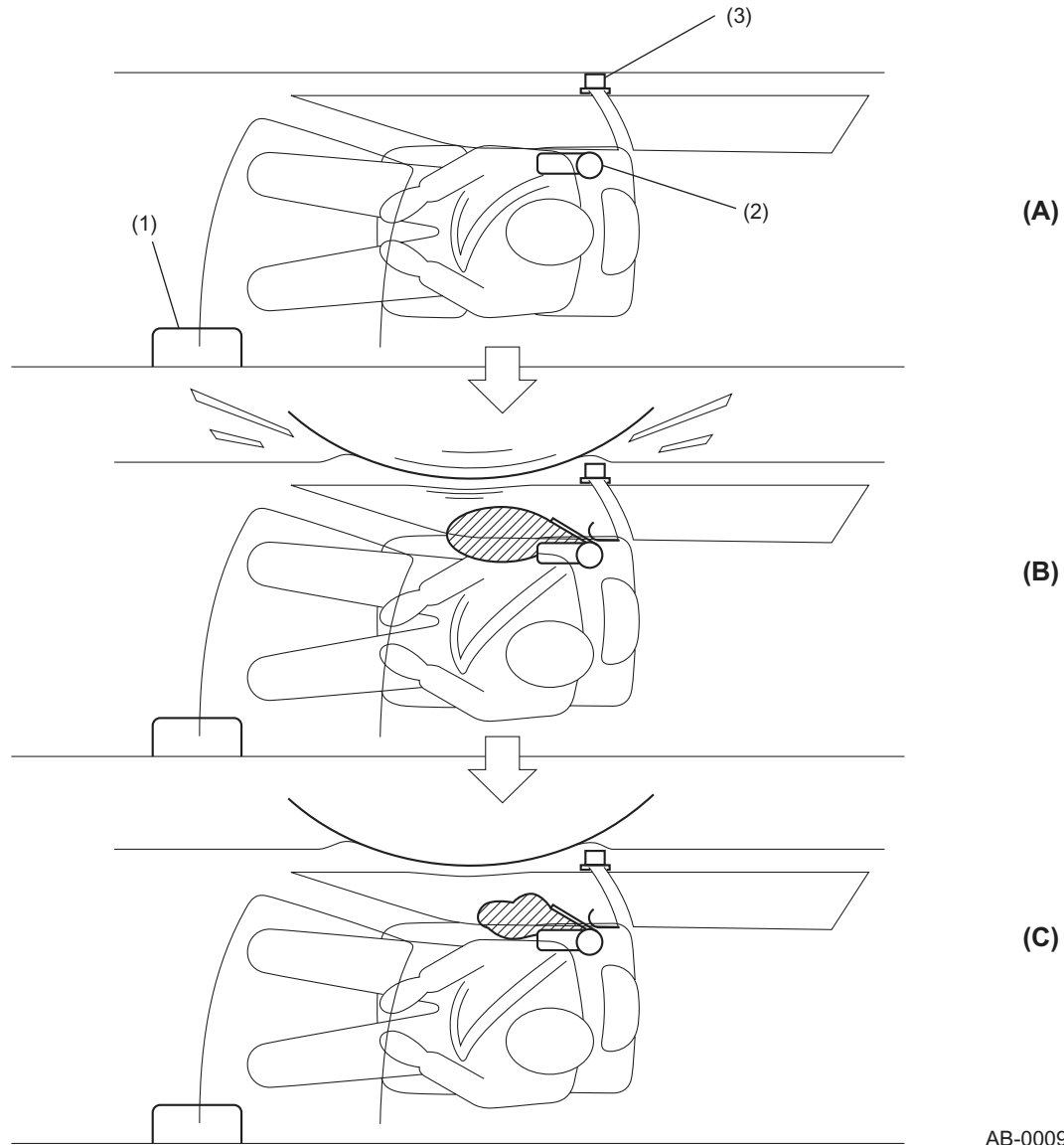
The side airbags provide the driver and front passenger with a restraint supplementary to that by the seat belts in the event of a side-on collision. When an impact greater than the set level is applied to either side of the vehicle, the airbag control module activates the corresponding side airbag module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

AB-5

## AIRBAG SYSTEM

### AIRBAG SYSTEM

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AB-00091

- (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.

AB-6