

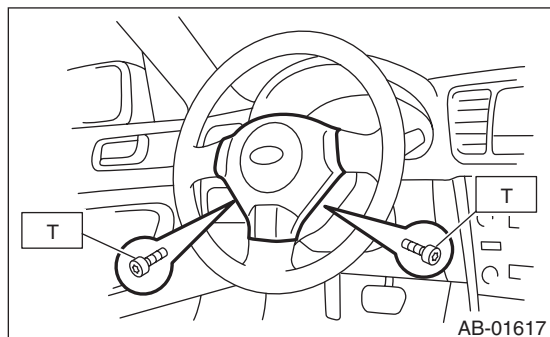
# General Description

## AIRBAG SYSTEM

### 1. General Description

#### A: COMPONENT

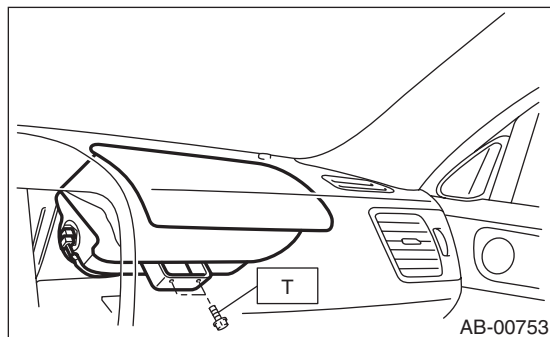
##### 1. DRIVER'S AIRBAG MODULE



**Tightening torque:**

**10 N·m (1.0 kgf-m, 7.2 ft-lb)**

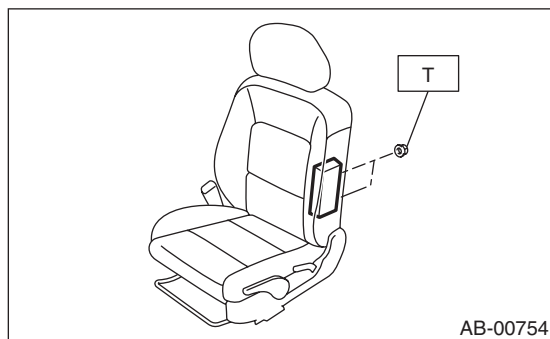
##### 2. PASSENGER'S AIRBAG MODULE



**Tightening torque:**

**7.4 N·m (0.75 kgf-m, 5.5 ft-lb)**

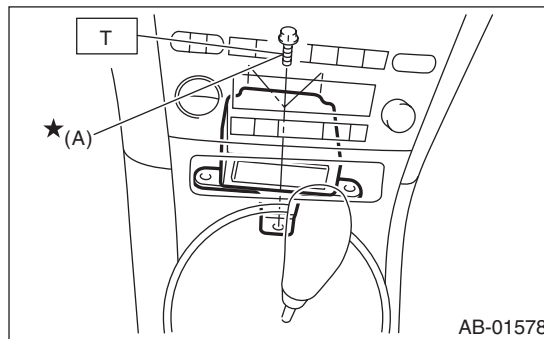
##### 3. SIDE AIRBAG MODULE



**Tightening torque:**

**6 N·m (0.61 kgf-m, 4.4 ft-lb)**

##### 4. AIRBAG CONTROL MODULE



(A) Bolt

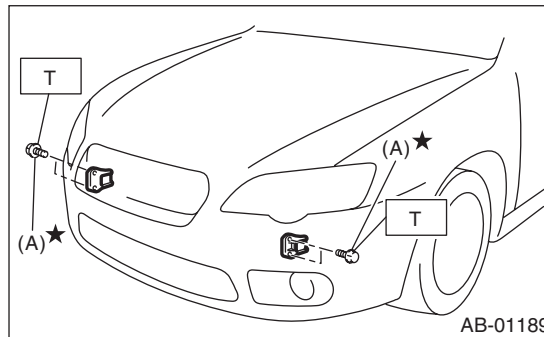
**Tightening torque:**

**25 N·m (2.5 kgf-m, 18.1 ft-lb)**

**CAUTION:**

**Do not reuse mounting bolts and nuts.**

##### 5. FRONT SUB SENSOR



(A) Bolt

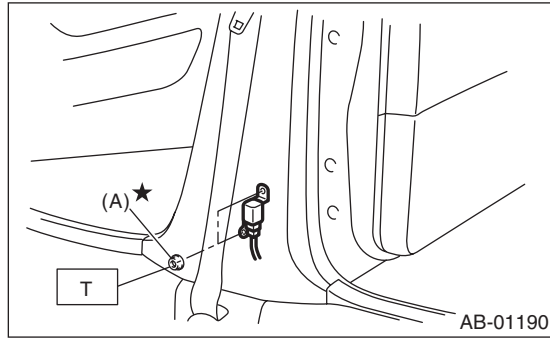
**Tightening torque:**

**13 N·m (1.32 kgf-m, 9.6 ft-lb)**

**CAUTION:**

**Do not reuse mounting bolts and nuts.**

### 6. SIDE AIRBAG SENSOR



(A) Bolt

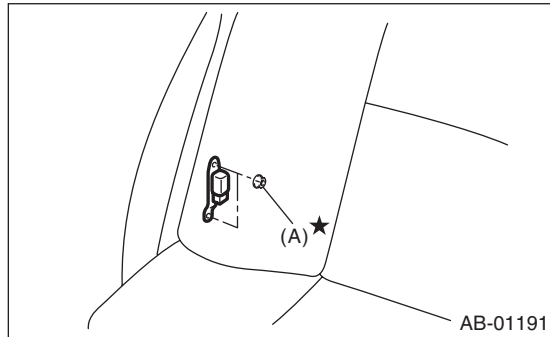
**Tightening torque:**

**8.0 N·m (0.82 kgf-m, 5.9 ft-lb)**

**CAUTION:**

**Do not reuse mounting bolts and nuts.**

### 7. CURTAIN AIRBAG SENSOR



(A) Nut

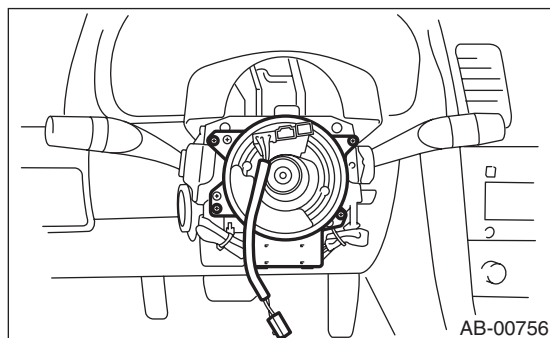
**Tightening torque:**

**8.0 N·m (0.82 kgf-m, 5.9 ft-lb)**

**CAUTION:**

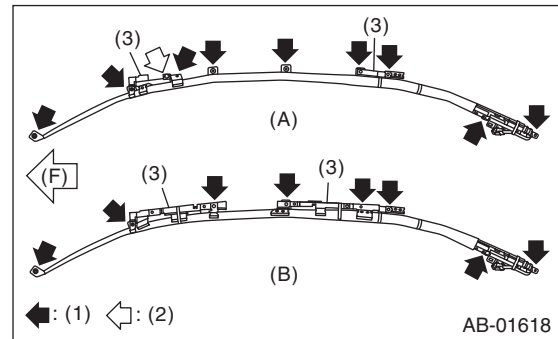
**Do not reuse mounting bolts and nuts.**

### 8. STEERING ROLL CONNECTOR

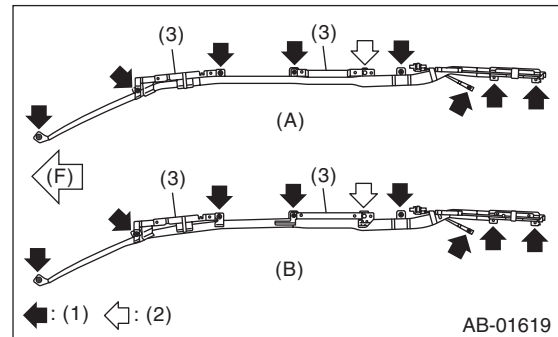


### 9. CURTAIN AIRBAG MODULE

- Sedan model



- Wagon model

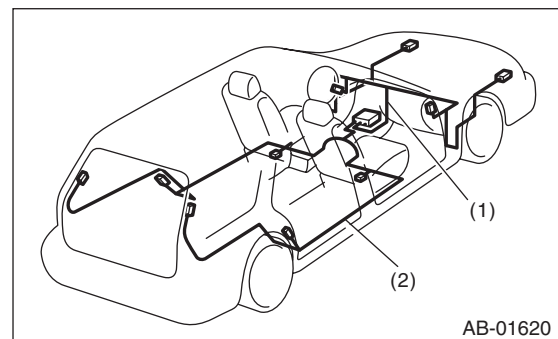


- |     |                        |     |             |
|-----|------------------------|-----|-------------|
| (A) | Model with sunroof     | (1) | Bolt        |
| (B) | Models without sunroof | (2) | Clip        |
|     |                        | (3) | Plate guard |
| (F) | Front side of vehicle  |     |             |

**Tightening torque:**

**7.5 N·m (0.77 kgf-m, 5.5 ft-lb)**

### 10. AIRBAG HARNESS



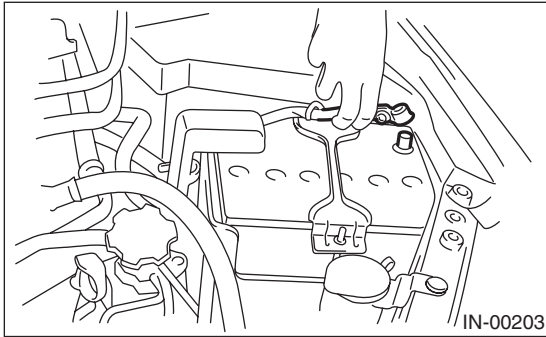
- |     |                     |
|-----|---------------------|
| (1) | Airbag main harness |
| (2) | Airbag rear harness |

# General Description

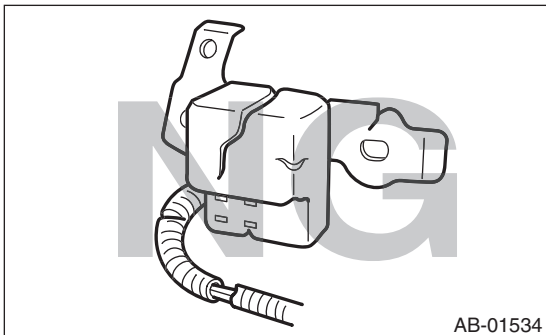
## AIRBAG SYSTEM

### B: CAUTION

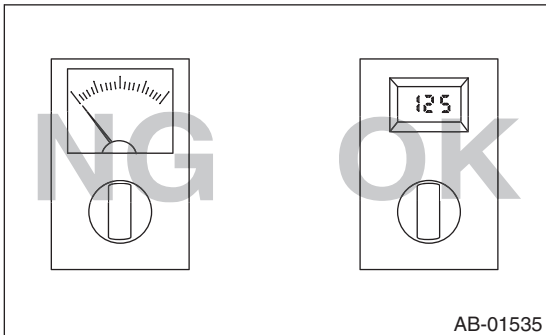
- When servicing a vehicle, be sure to turn the ignition switch to OFF, disconnect the ground cable from battery, and wait for 20 seconds or more before starting work.
- The airbag system is fitted with a backup power source. After disconnecting the battery ground cable, the airbag may deploy if you do not wait for 20 seconds or more before starting airbag system servicing.



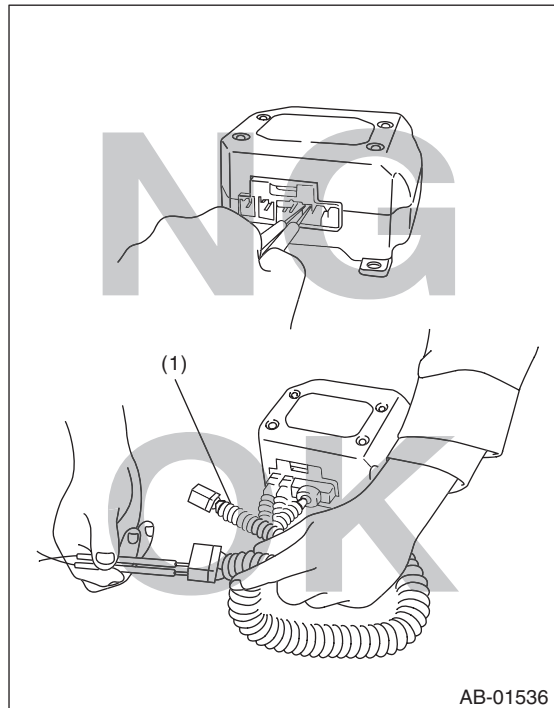
- If sensors, airbag module, airbag control module, pretensioner or harness is deformed or damaged, replace with new part.



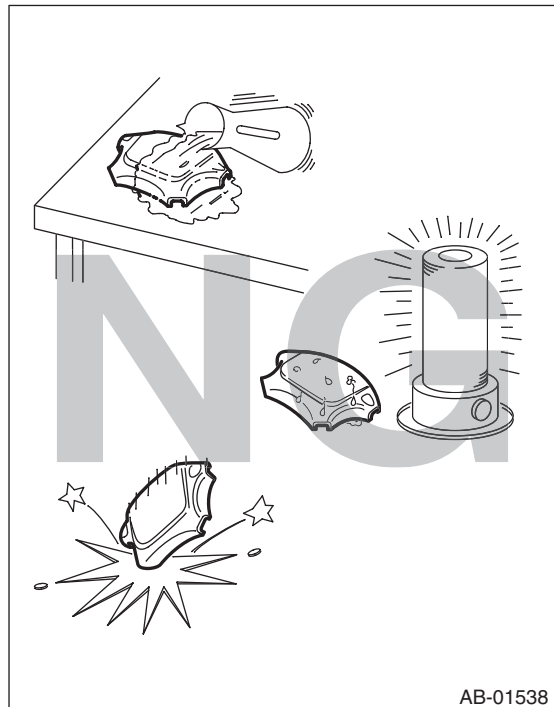
- Do not use the airbag system and pretensioners on other vehicles. When replacing parts, be sure to replace them with new parts.
- When checking the airbag system, be sure to use a digital circuit tester. Use of an analog circuit tester may cause the airbag to activate erroneously due to a minimal current inside tester.



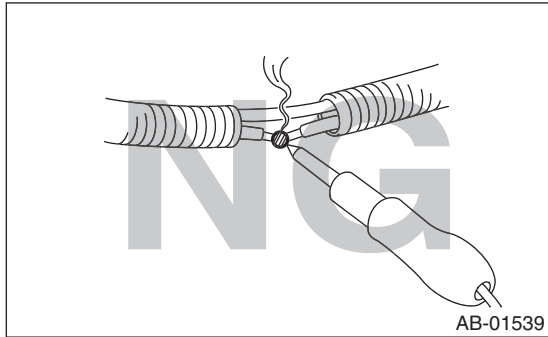
- When checking, use a test harness (1). Damage to connector terminal causes malfunction. Do not directly put the tester probe on airbag connector terminal.



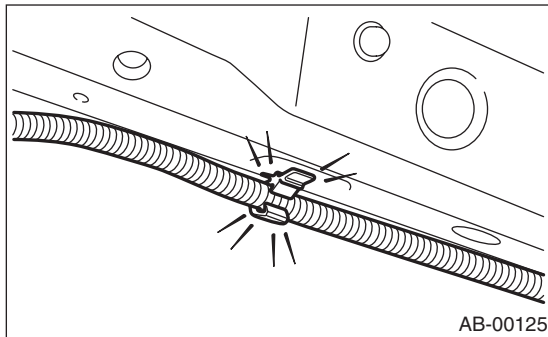
- Do not drop the airbag system parts, or keep them at high temperature of 93°C (199°F) or more, or let water, oil or grease get on them; the internal parts may be damaged and reliability greatly lowered.



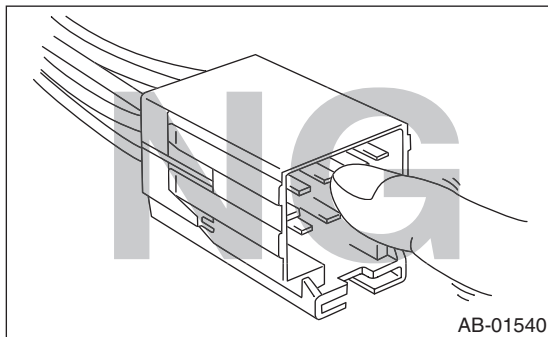
- If damage, open circuit or rust is found on airbag system wiring harness, do not use a soldering equipment to repair. Replace the faulty harness with a new genuine part.



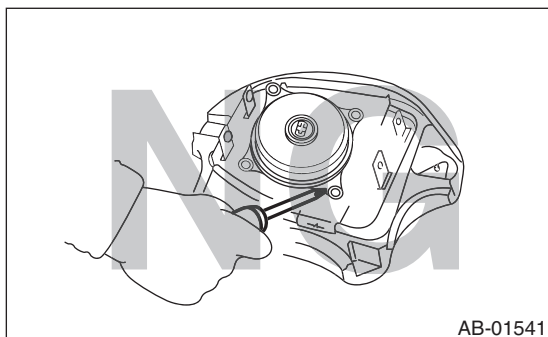
- Install the wiring harness securely with the specified clips to avoid interference or tangled with other parts.



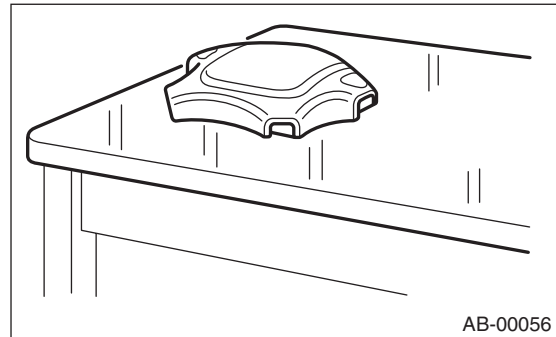
- Do not allow water or oil to come in contact with the connector terminals. Also do not touch the connector terminals.



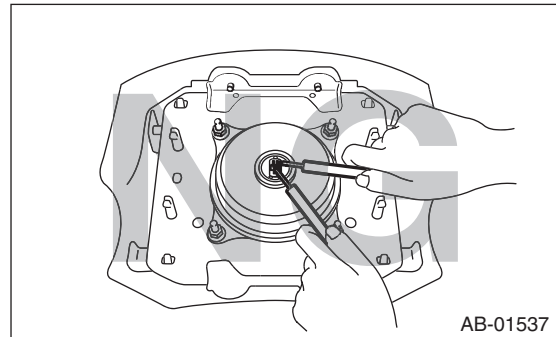
- The driver's, passenger's, side, curtain airbag modules, and the pretensioner must not be disassembled.



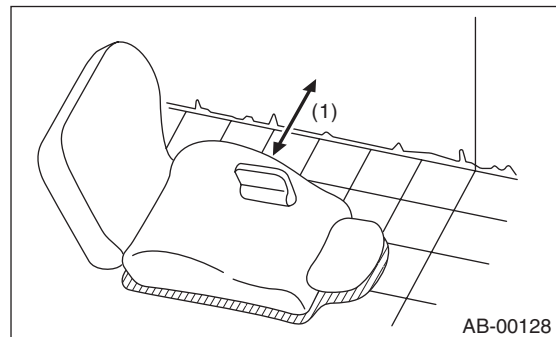
- The airbag module cannot be used again if deployed once.
- After removal, keep the airbag module with the pad side facing upward on a dry, clean and flat surface away from heat, light sources, moisture and dust.



- Do not check continuity of the airbag modules for driver's side, passenger's side and curtain, or the pretensioner.



- The removed front seat with airbag module must be kept at least 200 mm (8 in) away from walls and other objects.



(1) 200 mm (8 in) or more

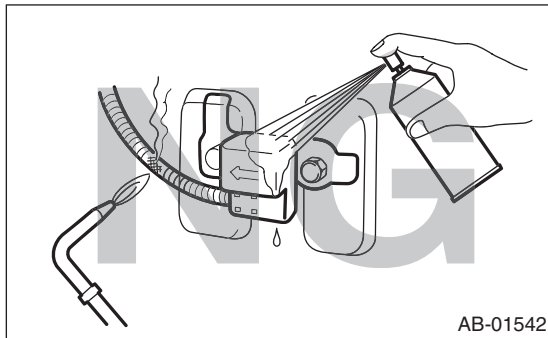
- When painting or performing sheet metal work on the front part of the vehicle, including the front wheel apron, front fender and front side frame, remove the front sub sensors and wiring harness of airbag system.

## General Description

### AIRBAG SYSTEM

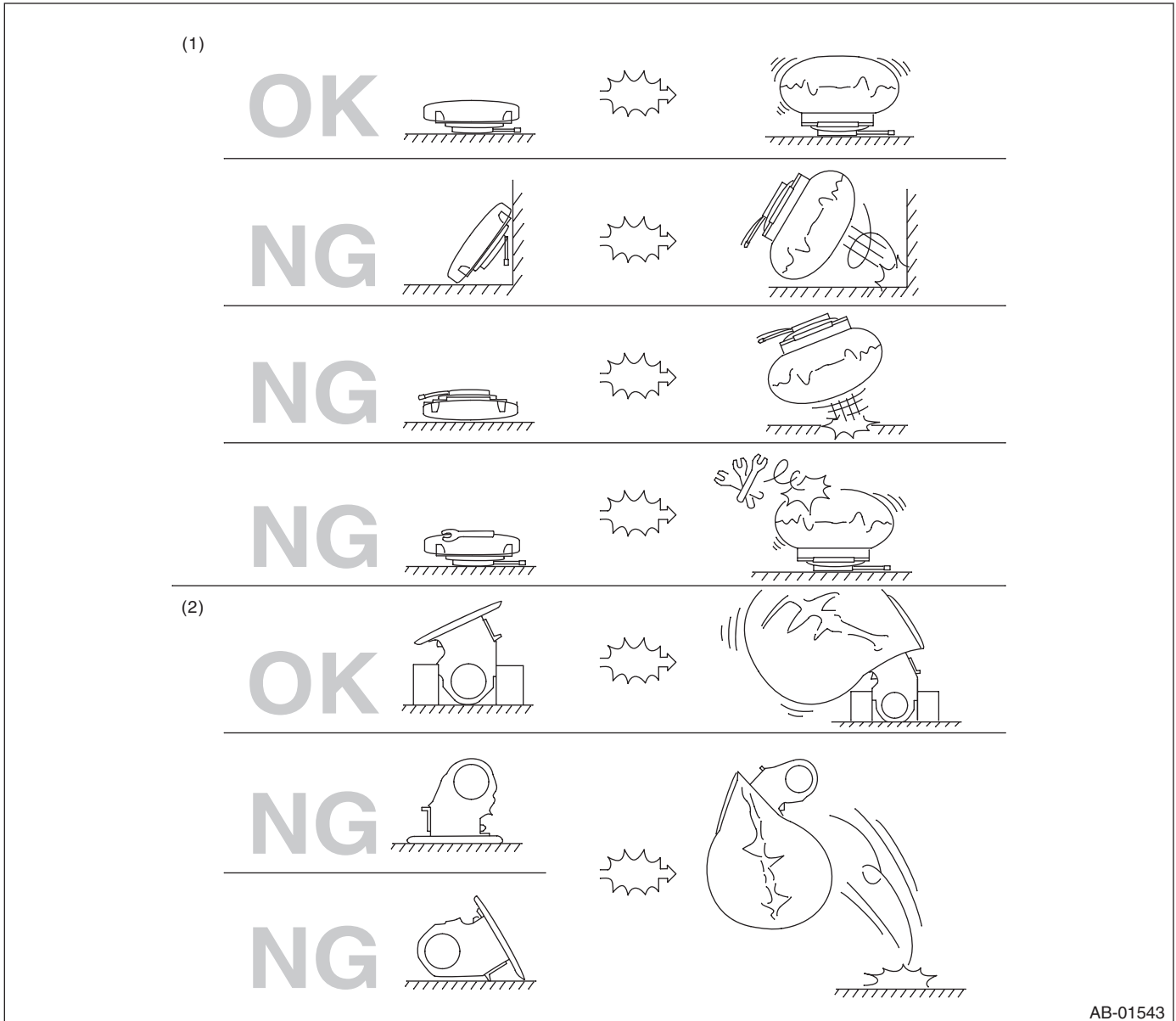
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- When painting or performing sheet metal work on the side of the vehicle, including the side sill, center pillar and front and rear doors, remove the side airbag sensors and wiring harness of the airbag system.



- Do not discard undeployed airbag module. They could easily cause a serious accident if accidentally deployed.

- When storing a removed airbag module, do not place it with the pad side facing downward. Do not place any objects on the airbag module. Do not pile airbag modules on top of each other. If the airbag inflates for some reason when an airbag module pad is touching other objects, it may cause serious accident.



(1) Driver's airbag module

(2) Passenger's airbag module

## General Description

AIRBAG SYSTEM

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### C: PREPARATION TOOL

#### 1. GENERAL TOOL

TOOL NAME	REMARKS
TORX® T30	Used for removing and installing driver's airbag module.