

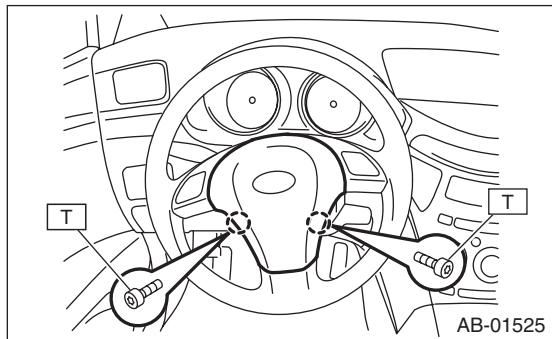
General Description

AIRBAG SYSTEM

1. General Description

A: COMPONENT

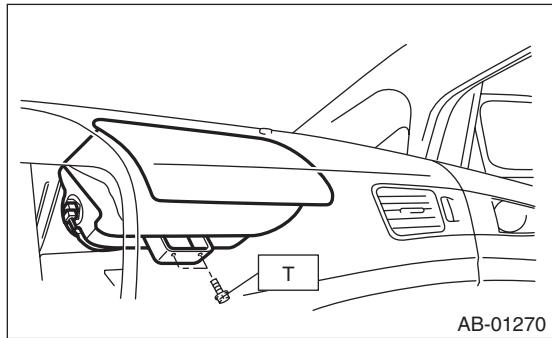
1. DRIVER'S AIRBAG MODULE



Tightening torque:

10 N·m (1.0 kgf-m, 7.2 ft-lb)

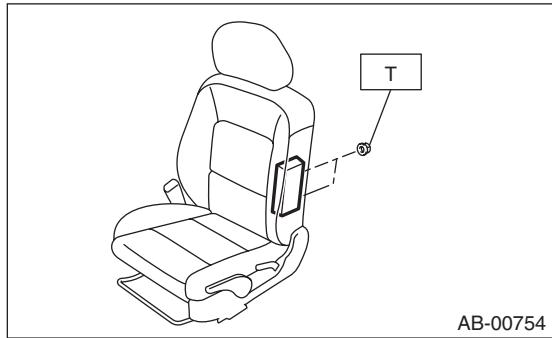
2. PASSENGER'S AIRBAG MODULE



Tightening torque:

7.4 N·m (0.75 kgf-m, 5.5 ft-lb)

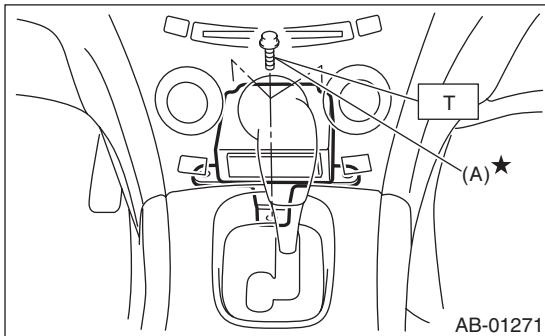
3. SIDE AIRBAG MODULE



Tightening torque:

6 N·m (0.61 kgf-m, 4.4 ft-lb)

4. AIRBAG CONTROL MODULE



(A) Bolt

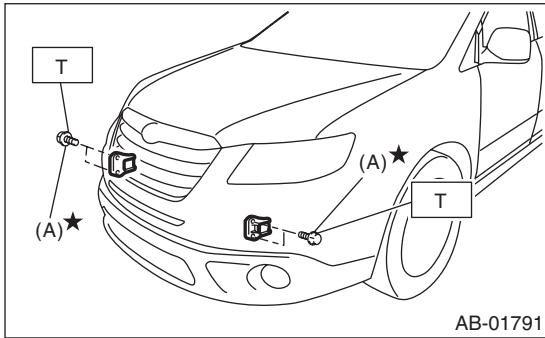
Tightening torque:

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

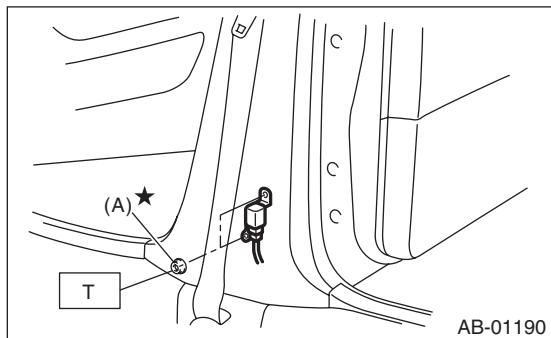
Tightening torque:

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

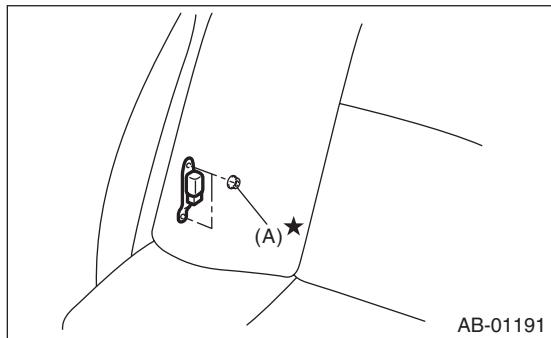
Tightening torque:

8 N·m (0.82 kgf·m, 5.9 ft-lb)

CAUTION:

Do not reuse mounting bolts and nuts.

7. CURTAIN AIRBAG SENSOR



(A) Nut

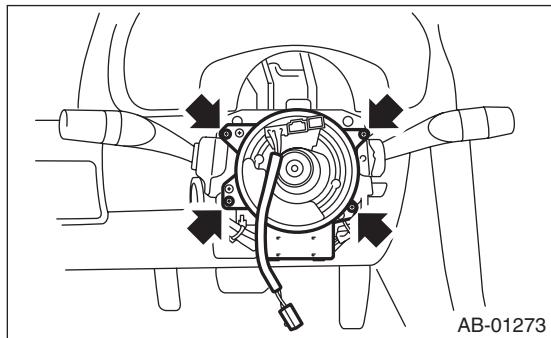
Tightening torque:

8 N·m (0.82 kgf·m, 5.9 ft-lb)

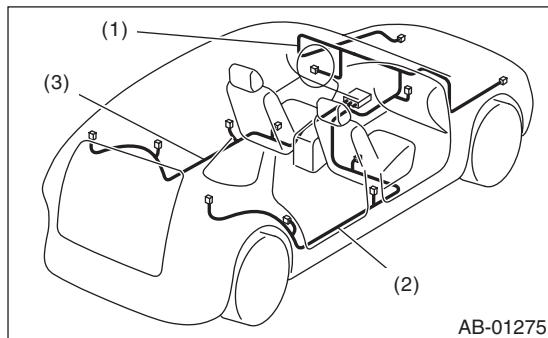
CAUTION:

Do not reuse mounting bolts and nuts.

8. STEERING ROLL CONNECTOR



9. AIRBAG HARNESS

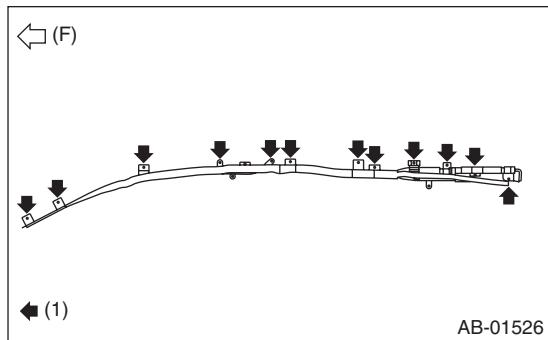


(1) Airbag main harness

(2) Airbag rear harness RH

(3) Airbag rear harness LH

10. CURTAIN AIRBAG MODULE



(F) Front side of vehicle

(1) Bolt

Tightening torque:

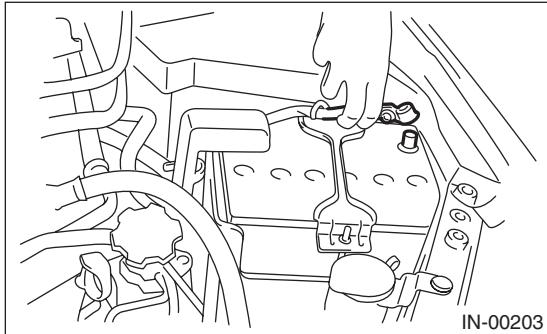
7.5 N·m (0.77 kgf·m, 5.5 ft-lb)

General Description

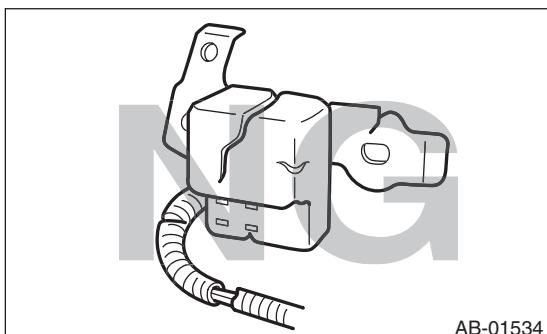
AIRBAG SYSTEM

B: CAUTION

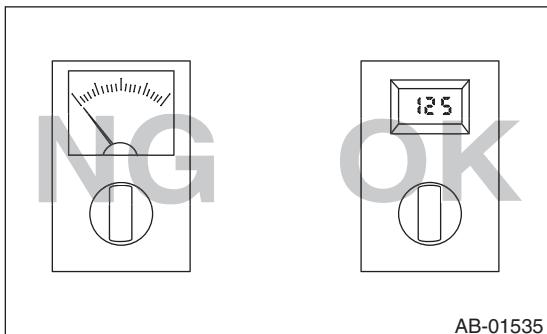
- When servicing a vehicle, be sure to turn the ignition switch to OFF, disconnect the ground cable from battery, and wait for more than 20 seconds before starting work.
- The airbag system is fitted with a backup power source. After disconnecting the battery ground cable, the airbag may deploy if you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



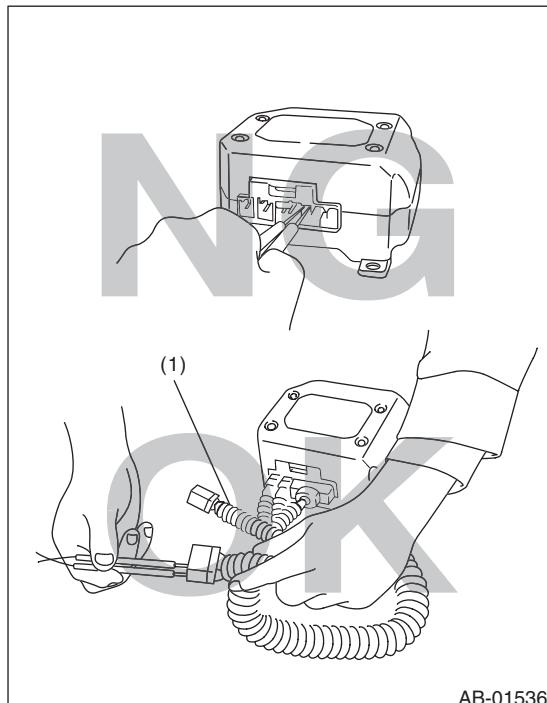
- If the airbag warning light illuminates, repair the vehicle immediately. Otherwise, the airbag or pretensioner may inflate incorrectly, or not inflate in collision.
- If sensors, airbag module, airbag control module, pretensioner or harness is deformed or damaged, replace with new part.



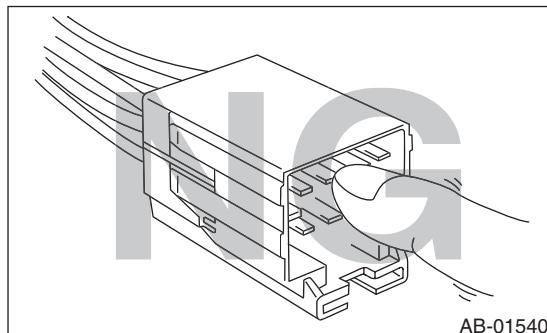
- When checking the airbag system, be sure to use a digital circuit tester. Use of an analog circuit tester may cause the airbag to activate erroneously due to a minimal current inside tester.



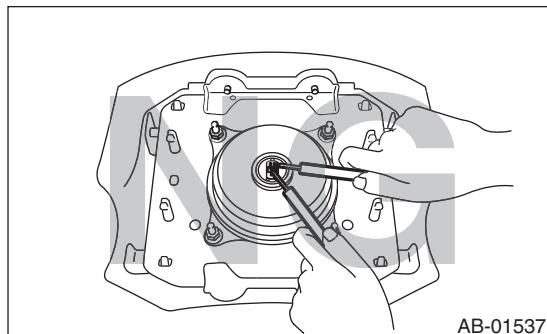
- When checking, use a test harness (1). Damage to connector terminal cause malfunction. Do not directly apply the tester probe to connector terminal of airbag.



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



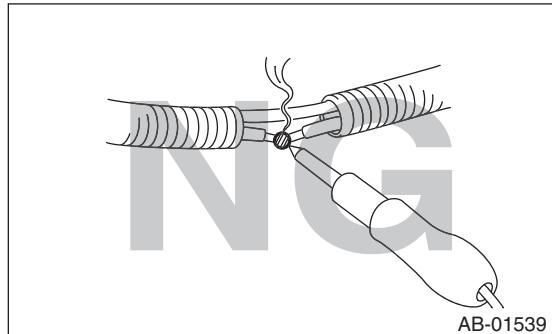
- Do not check continuity of the airbag modules for driver's side, passenger's side and curtain, or the pretensioner.



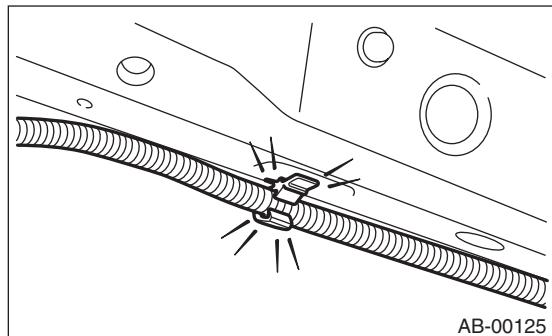
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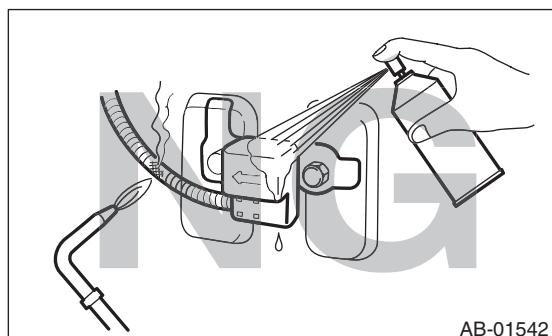
- If damage, open circuit or rust is found on airbag system wiring harness, do not use a soldering equipment to repair. Replace the faulty harness with a new genuine part.



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



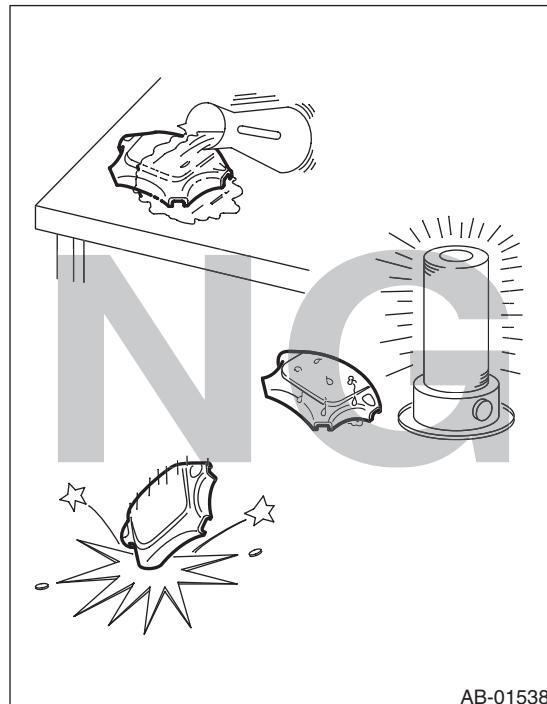
- When painting or performing sheet metal work on the front part of the vehicle, including the front wheel apron, front fender and front side frame, remove the front sub sensors and wiring harness of airbag system.
- When painting or performing sheet metal work on the side of the vehicle, including the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



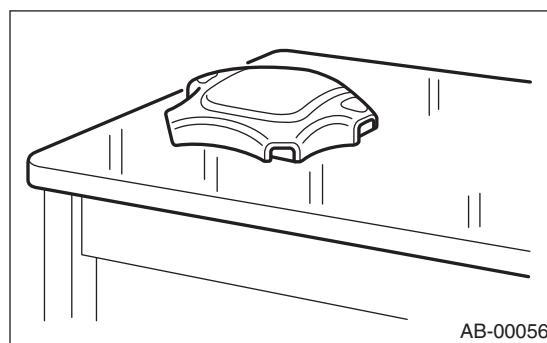
- Do not use the airbag or pretensioner parts from other vehicles. Always replace the defective parts with new parts.
- Never reuse a deployed airbag module and pretensioner.
- Do not discard the uninflated airbag or pretensioner.

- When airbag control module, front sub sensor, side airbag sensor and curtain airbag sensor are removed, do not reuse the bolts and nuts of them. Always use new bolts and nuts for them.

- Do not drop each airbag module, airbag control module and each sensor, or store these parts under high temperature over 93°C (199°F), or let water, oil or grease get on them; the internal parts may be damaged or the reliability may be greatly lowered.



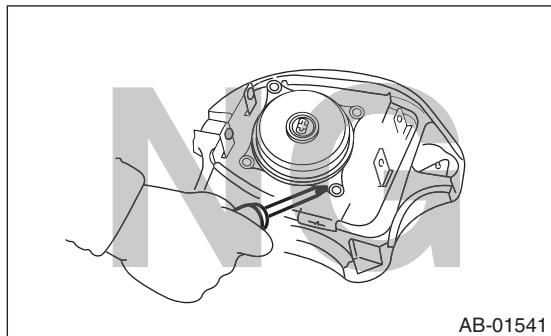
- After removal of each parts for airbag system, keep them with the pad facing upward on a dry, clean and flat surface without heat, light sources, moisture and dust.



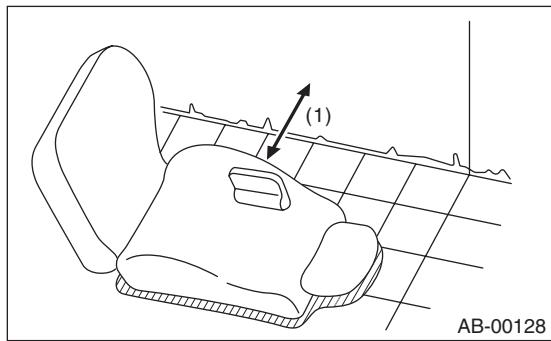
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- Do not disassemble driver's airbag module, passenger's airbag module, side or curtain airbag modules, or pretensioner.



- When performing attachment of the steering wheel and steering roll connector, make sure to perform adjustment of the steering roll connector.
- 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

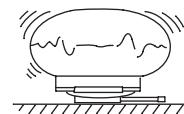
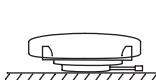
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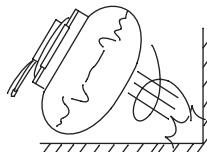
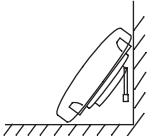
- When storing a removed airbag module, do not place the airbag with its pad side facing downward. Do not place any objects on the airbag module. Do not pile up the airbag module. If the airbag inflates for some reason when an airbag module pad is touching other objects, it may cause serious accident.

(1)

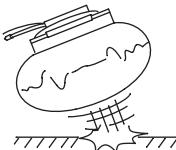
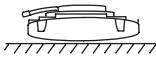
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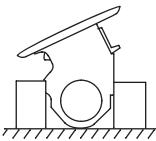


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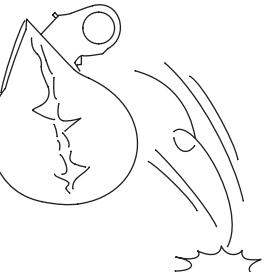
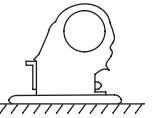


(2)

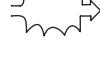
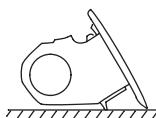
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AB-01543

(1) Driver's airbag module

(2) Passenger's airbag module

C: PREPARATION TOOL

1. GENERAL TOOL

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