

# INTAKE (INDUCTION)

# *IN(SOHC)*

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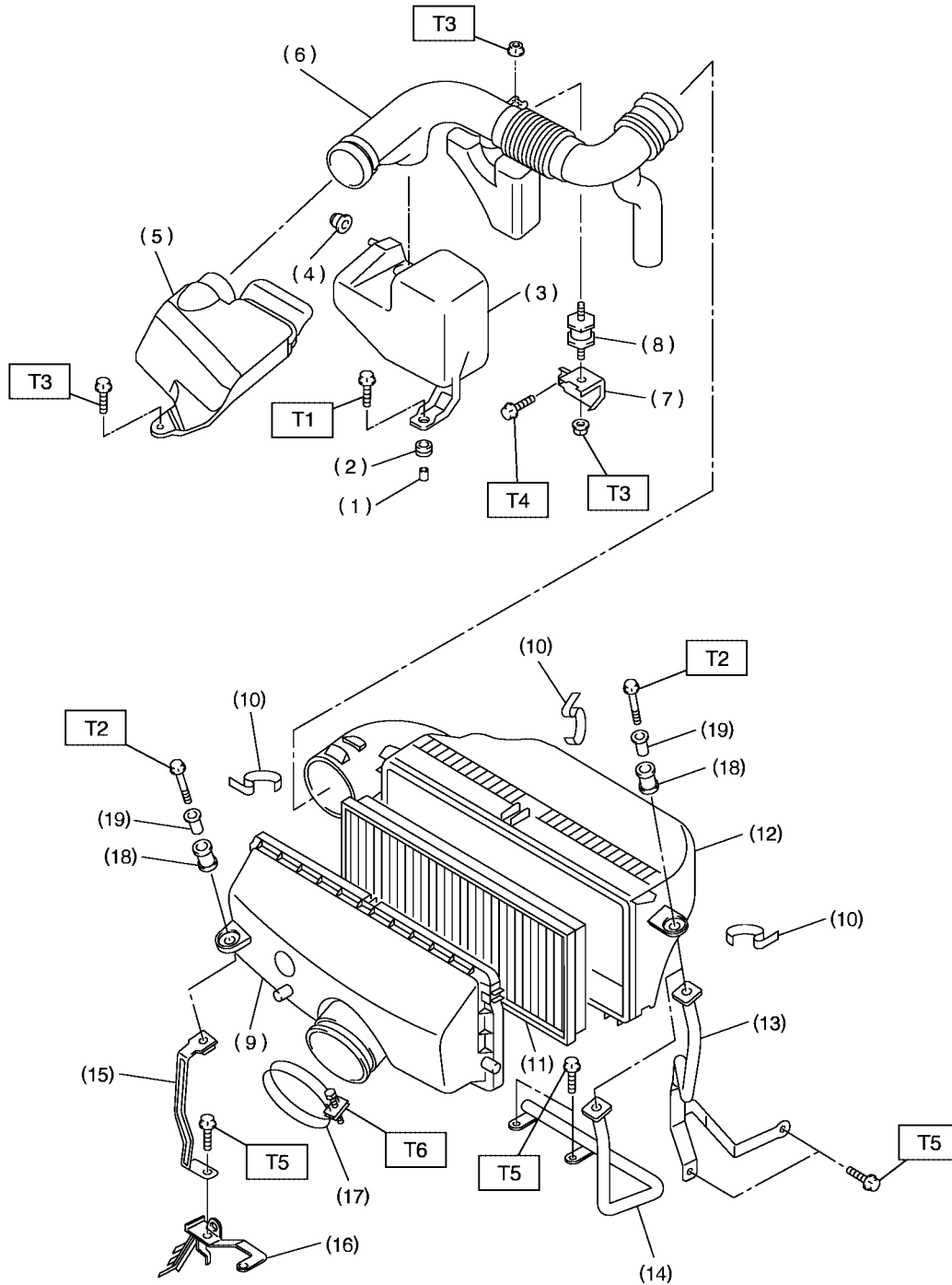
# GENERAL DESCRIPTION

Intake (Induction)

## 1. General Description S154001

### A: COMPONENT S154001A05

#### 1. MODEL WITH OBD S154001A0501



S2M2236A

# GENERAL DESCRIPTION

Intake (Induction)

- (1) Spacer
- (2) Bushing
- (3) Resonator chamber
- (4) Cushion rubber
- (5) Air intake duct A
- (6) Air intake duct B
- (7) Holder
- (8) Cushion
- (9) Air cleaner case A
- (10) Clip

- (11) Air cleaner element
- (12) Air cleaner case B
- (13) Air cleaner case stay LH (MT vehicles)
- (14) Air cleaner case stay LH (AT vehicles)
- (15) Air cleaner case stay RH
- (16) Engine harness bracket
- (17) Clamp
- (18) Bushing

- (19) Spacer

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***Tightening torque: N·m (kgf-m, ft-lb)***

***T1: 33 (3.4, 24.4)***

***T2: 6.5 (0.66, 4.8)***

***T3: 7.5 (0.76, 5.5)***

***T4: 14 (1.4, 10)***

***T5: 16 (1.6, 11.6)***

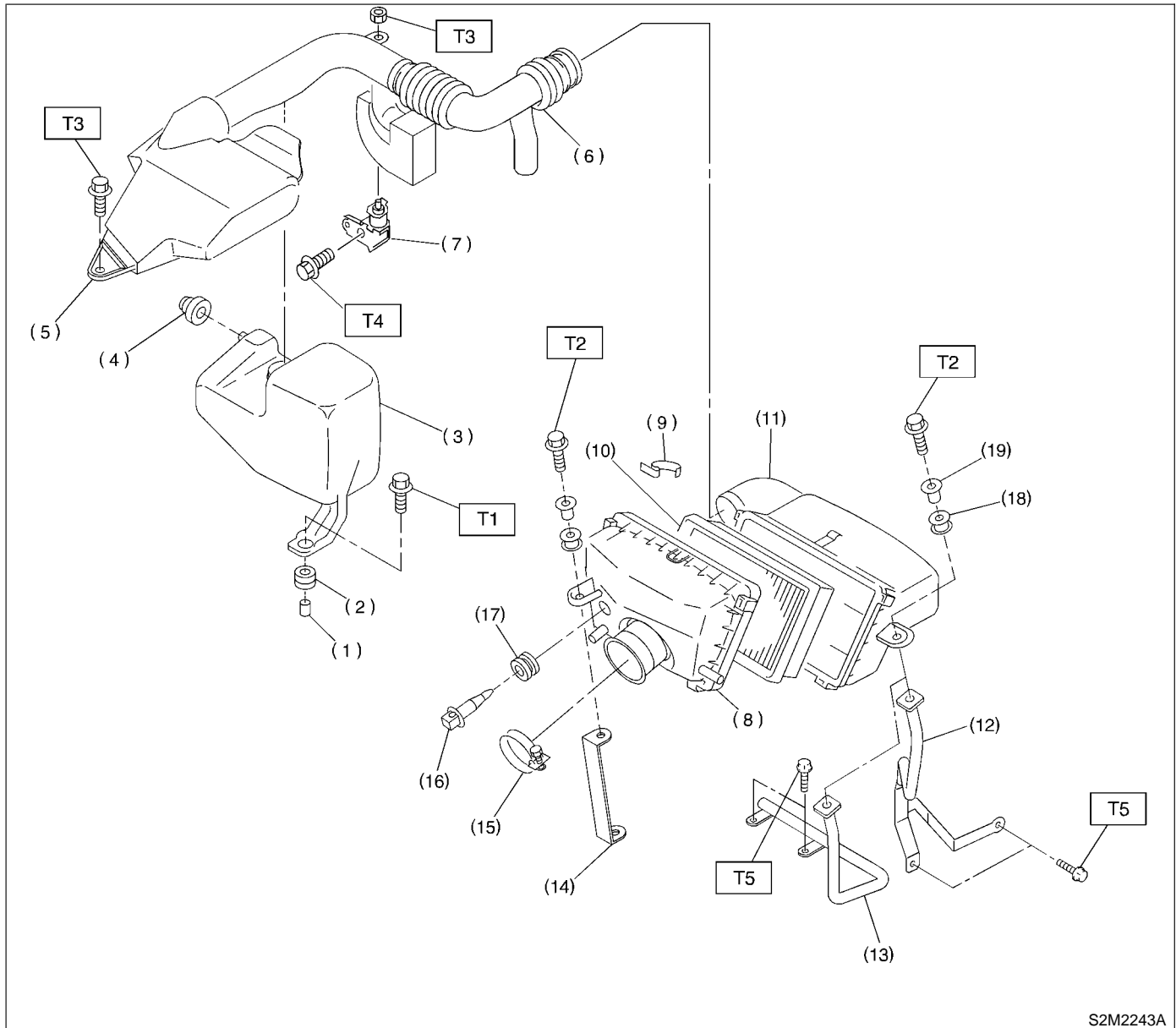
***T6: 3 (0.3, 2.2)***

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# GENERAL DESCRIPTION

Intake (Induction)

## 2. MODEL WITHOUT OBD S154001A0502



S2M2243A

- |                          |   |
|--------------------------|---|
| (1) Spacer               | (11) Air cleaner case B                     |
| (2) Bushing              | (12) Air cleaner case stay LH (MT vehicles) |
| (3) Resonator chamber    | (13) Air cleaner case stay LH (AT vehicles) |
| (4) Cushion rubber       | (14) Air cleaner case stay RH               |
| (5) Air intake duct A    | (15) Clamp                                  |
| (6) Air intake duct B    | (16) Intake air temperature sensor          |
| (7) Holder               | (17) Rubber holder                          |
| (8) Air cleaner case A   | (18) Bushing                                |
| (9) Clip                 |   |
| (10) Air cleaner element |   |

- (19) Spacer

**Tightening torque: N·m (kgf·m, ft·lb)**

**T1: 33 (3.4, 25)**

**T2: 6.5 (0.66, 4.8)**

**T3: 7.5 (0.76, 5.5)**

**T4: 14 (1.4, 10.1)**

**T5: 16 (1.6, 11.6)**

**IN(SOHC)-4**

## **B: CAUTION** S154001A03

- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Remove contamination including dirt and corrosion before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust or dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
- Be careful not to burn your hands, because each part on the vehicle is hot after running.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or safety stands at the specified points.
- Before disconnecting electrical connectors of sensor or units, be sure to disconnect negative terminal from battery.

# AIR CLEANER

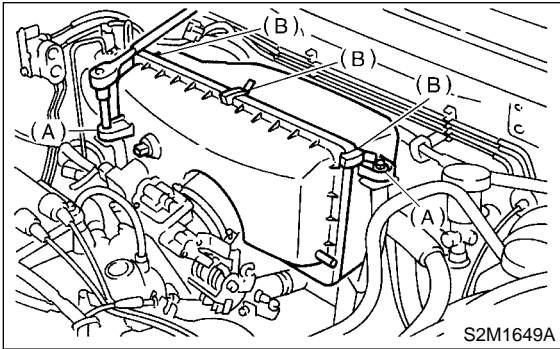
Intake (Induction)

## 2. Air Cleaner S154087

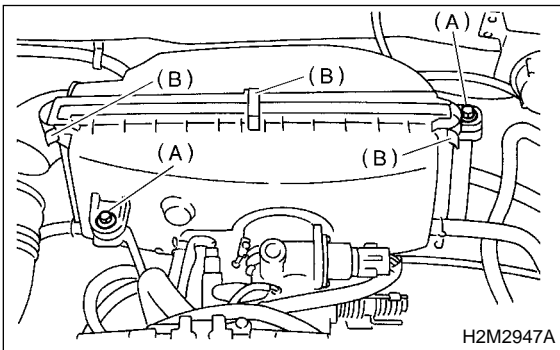
### A: REMOVAL S154087A18

- 1) Remove bolts (A) which secure air cleaner case to stays.
- 2) Remove the clips (B) above the air cleaner case.

#### ● Model without OBD



#### ● Model with OBD



- 3) Remove air cleaner element.

### B: INSTALLATION S154087A11

Install in the reverse order of removal.

#### CAUTION:

Fasten with a clip after inserting the lower tab of the case.

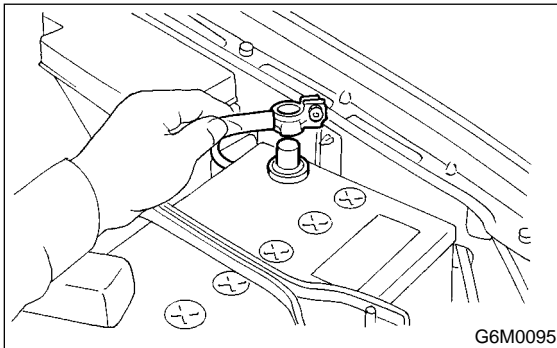
### C: INSPECTION S154087A10

Replace if excessively damaged or dirty.

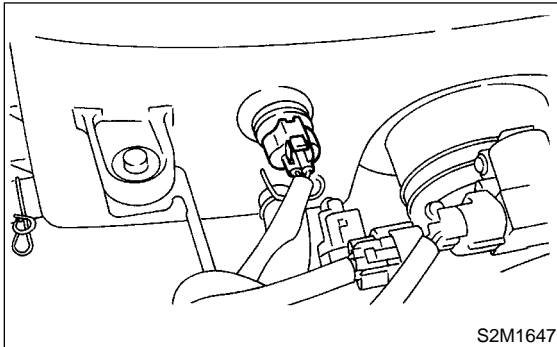
## 3. Air Cleaner Case S154089

### A: REMOVAL S154089A18

1) Disconnect battery ground cable. (Model without OBD)

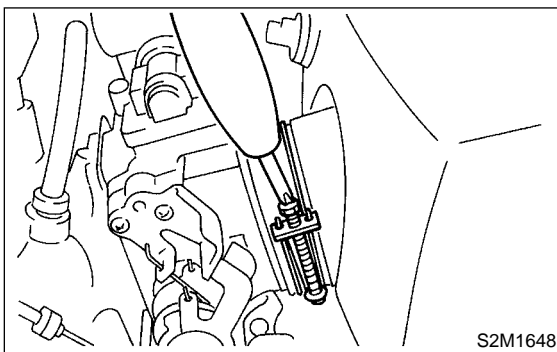


2) Disconnect intake air temperature sensor connector. (Model without OBD)

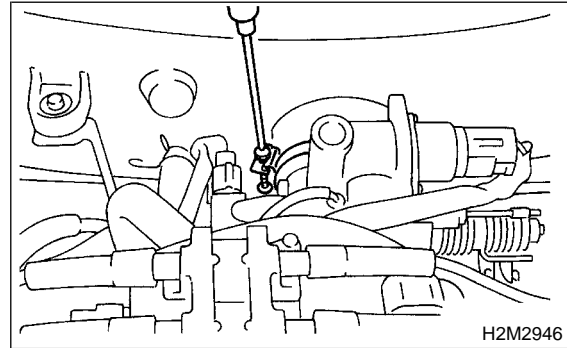


3) Loosen clamp which connects air cleaner case to throttle body.

● Model without OBD

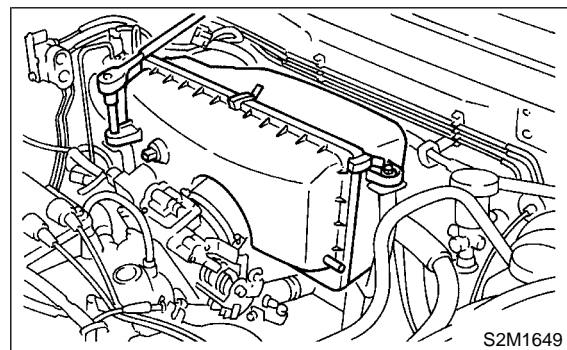


● Model with OBD

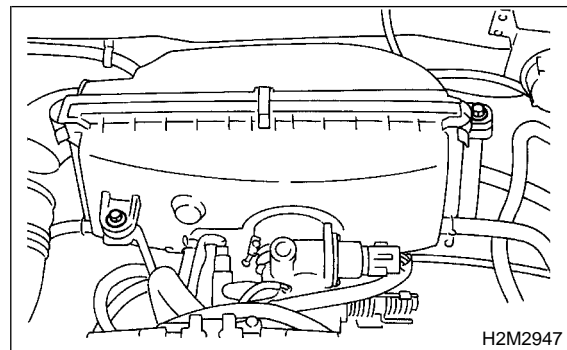


4) Disconnect hoses from air cleaner case.  
5) Remove bolts which secure air cleaner case to stays.

● Model without OBD



● Model with OBD



6) Remove air cleaner case.

### B: INSTALLATION S154089A11

Install in the reverse order of removal.

### C: INSPECTION S154089A10

Inspect for cracks and loose connections.

# AIR INTAKE DUCT

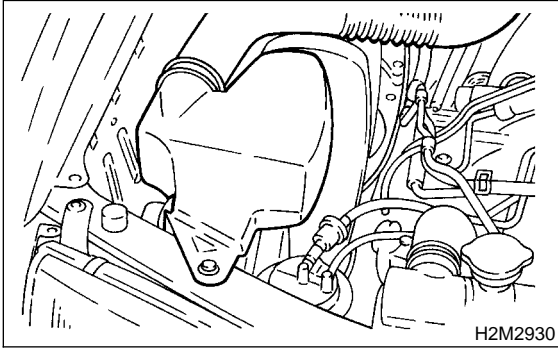
Intake (Induction)

## 4. Air Intake Duct S154566

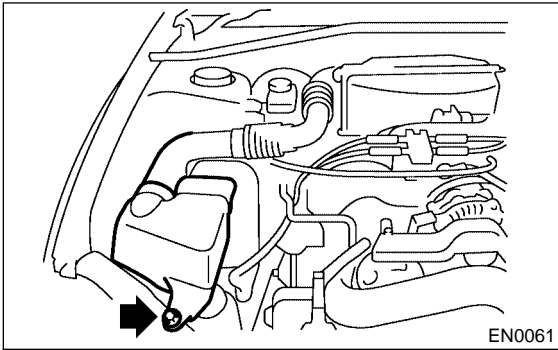
### A: REMOVAL S154566A18

1) Remove bolts which secure air intake duct on the front side of body.

- Model without OBD

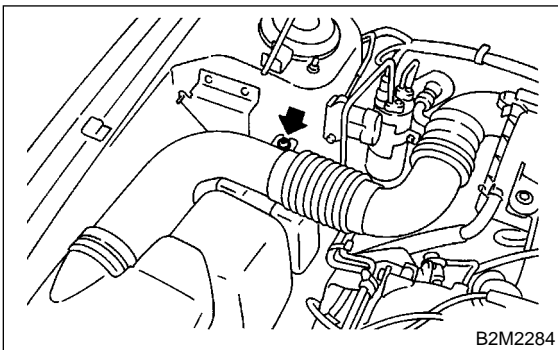


- Model with OBD

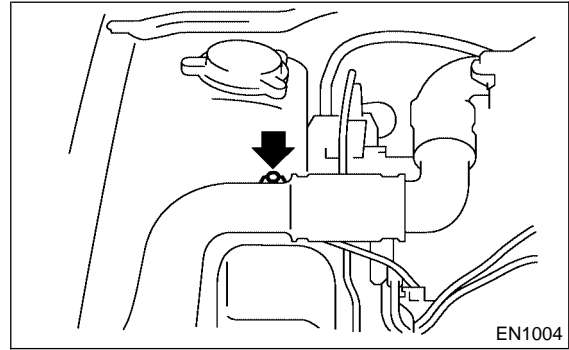


2) Remove bolt which secures air intake duct on body.

- Model without OBD

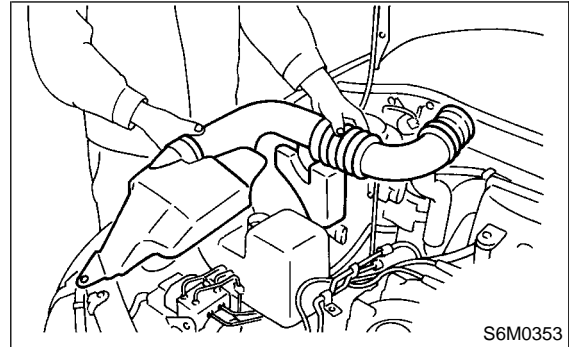


- Model with OBD

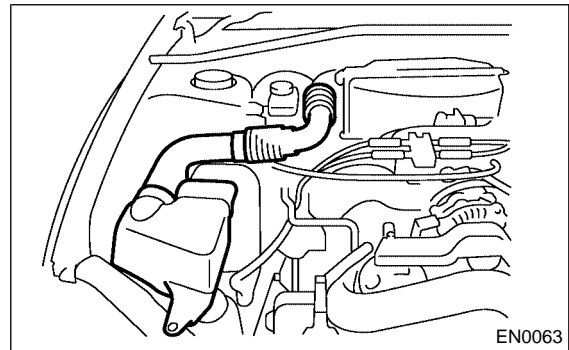


3) Remove air intake ducts as a unit.

- Model without OBD



- Model with OBD



### B: INSTALLATION S154566A11

Install in the reverse order of removal.

### C: INSPECTION S154566A10

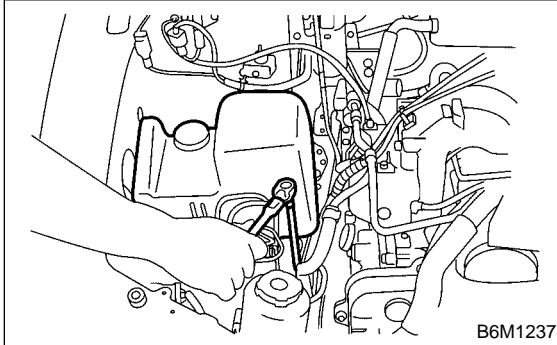
- 1) Inspect for cracks and loose connections.
- 2) Inspect that no foreign objects are mixed in the air intake duct.



## 5. Resonator Chamber S154639

### A: REMOVAL S154639A18

- 1) Remove air intake duct. <Ref. to IN(SOHC)-8, REMOVAL, Air Intake Duct.>
- 2) Remove resonator chamber.

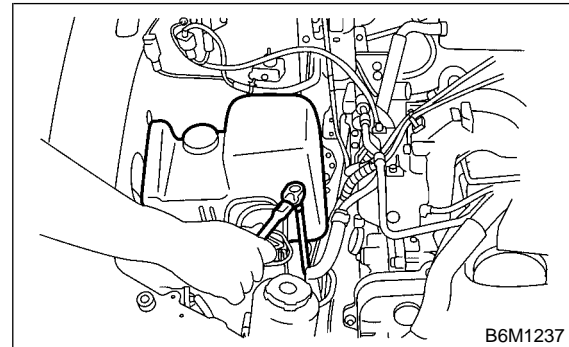


### B: INSTALLATION S154639A11

Install in the reverse order of removal.

**Tightening torque:**

**33 N·m (3.4 kgf-m, 24.4 ft-lb)**



### C: INSPECTION S154639A10

Inspect for cracks and loose connections.

# RESONATOR CHAMBER

Intake (Induction)

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**MEMO:**