

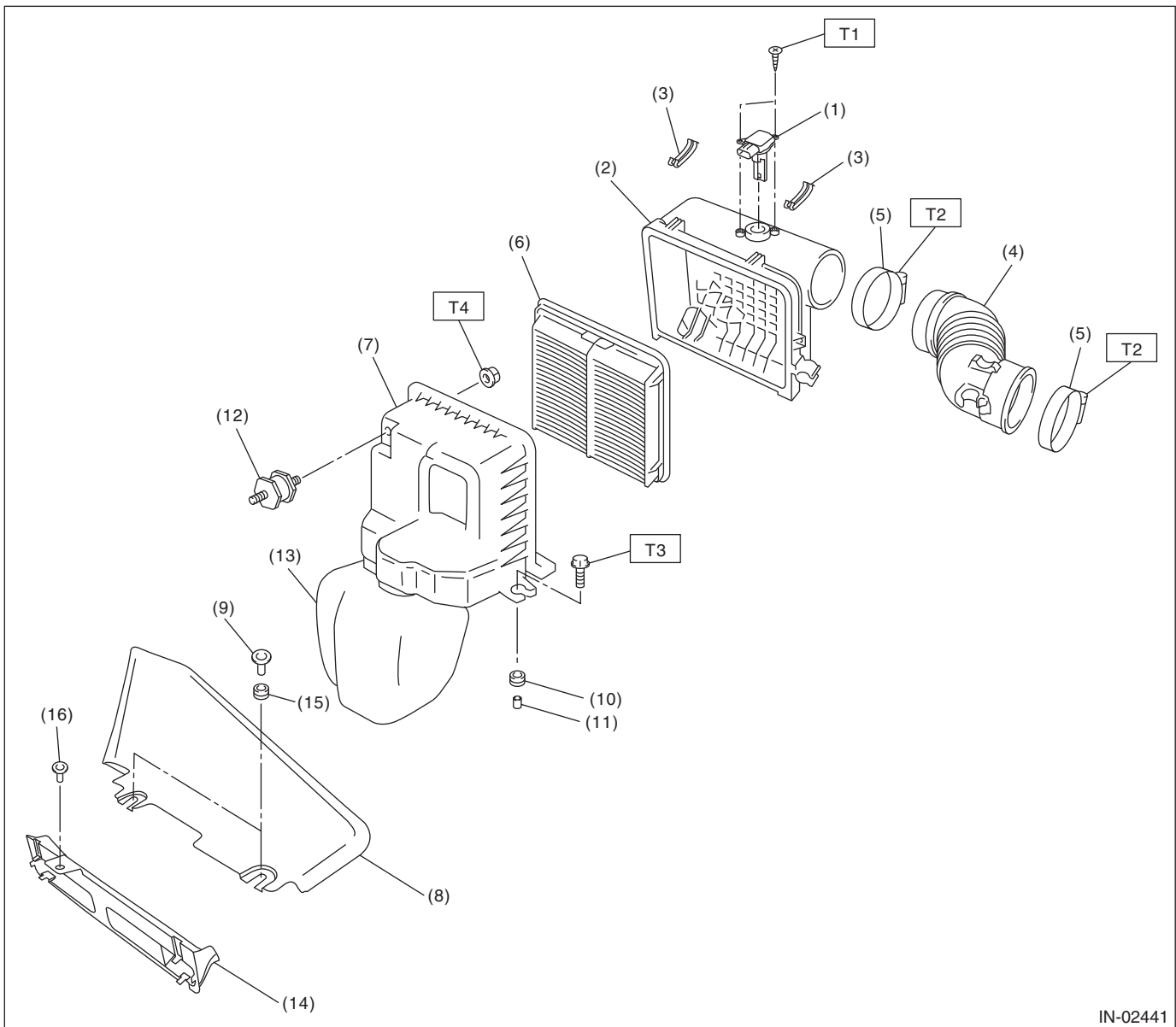
General Description

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



IN-02441

- | | |
|---|------------------------------|
| (1) Mass air flow and intake air temperature sensor | (8) Air intake duct (rear) |
| (2) Air cleaner case (rear) | (9) Clip |
| (3) Clip | (10) Cushion |
| (4) Air intake boot | (11) Spacer |
| (5) Clamp | (12) Cushion |
| (6) Air cleaner element | (13) Resonator chamber |
| (7) Air cleaner case (front) | (14) Air intake duct (front) |
| | (15) Cushion |

- (16) Clip

Tightening torque: N·m (kgf-m, ft-lb)

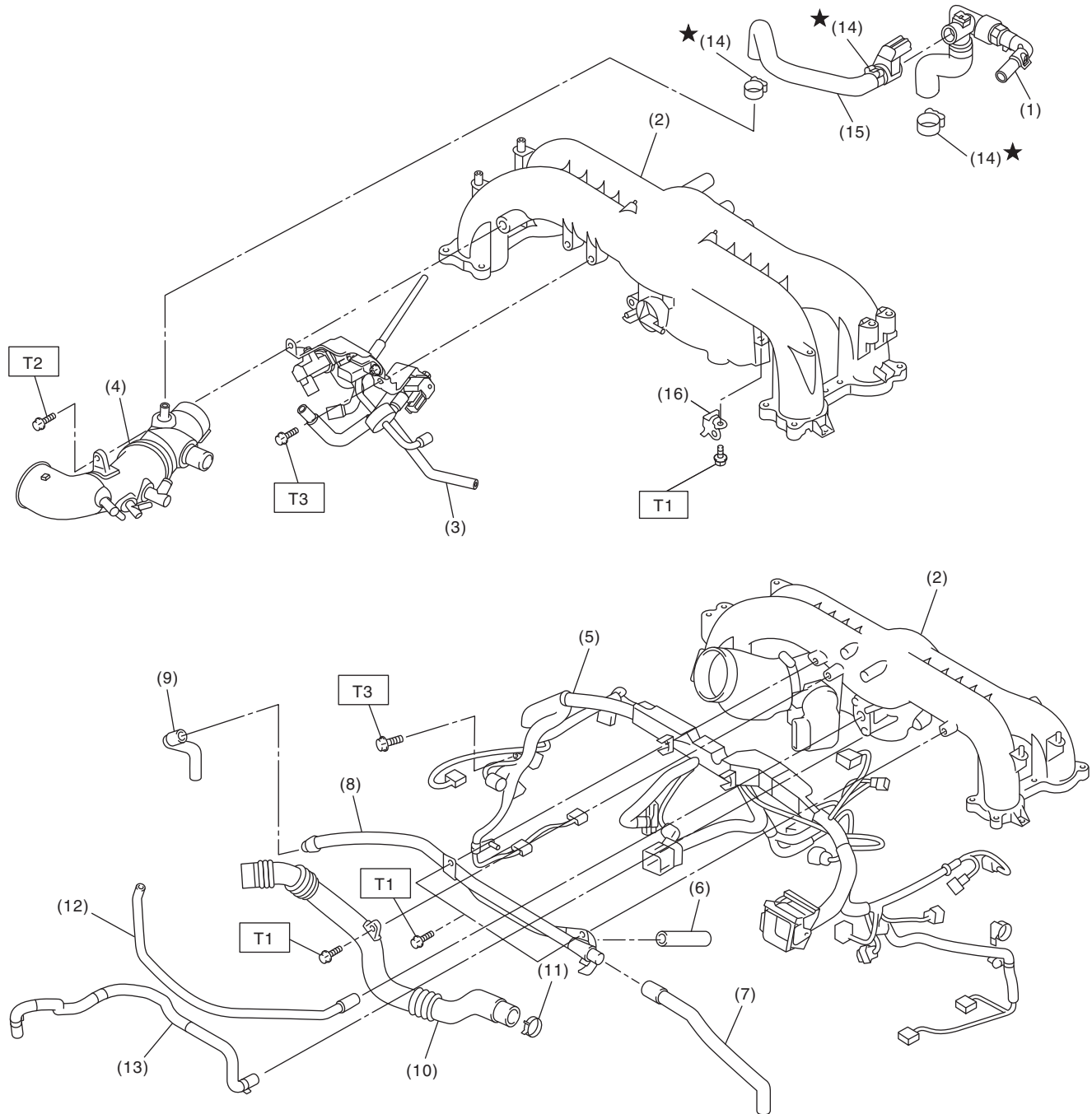
T1: 1 (0.1, 0.7)

T2: 2.5 (0.3, 1.8)

T3: 6 (0.6, 4.4)

T4: 7.5 (0.8, 5.5)

2. INTAKE DUCT



IN-02297

- (1) PCV hose ASSY A
- (2) Intake manifold
- (3) Solenoid valve bracket ASSY
- (4) Intake duct
- (5) Engine harness ASSY
- (6) Vacuum hose
- (7) Vacuum hose

- (8) PCV pipe
- (9) Vacuum hose
- (10) Air by-pass pipe
- (11) Clamp
- (12) Vacuum hose
- (13) Brake booster vacuum hose
- (14) Clamp

- (15) PCV hose ASSY B
- (16) Solenoid valve bracket

Tightening torque: N·m (kgf-m, ft-lb)

T1: 6.4 (0.7, 4.7)

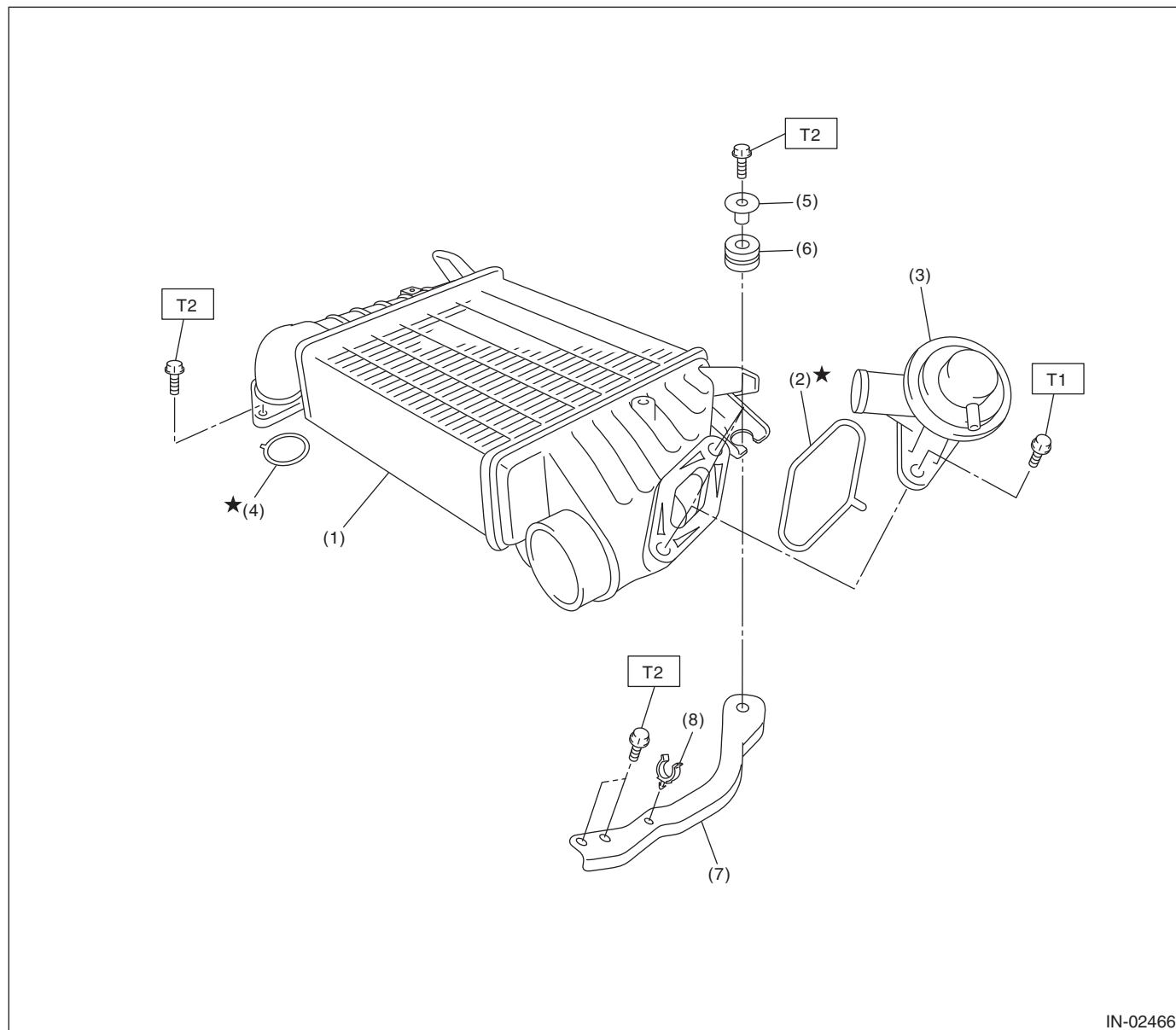
T2: 17 (1.7, 12.5)

T3: 19 (1.9, 14.0)

General Description

INTAKE (INDUCTION)

3. INTERCOOLER



IN-02466

- (1) Intercooler
- (2) O-ring
- (3) Air by-pass valve
- (4) O-ring

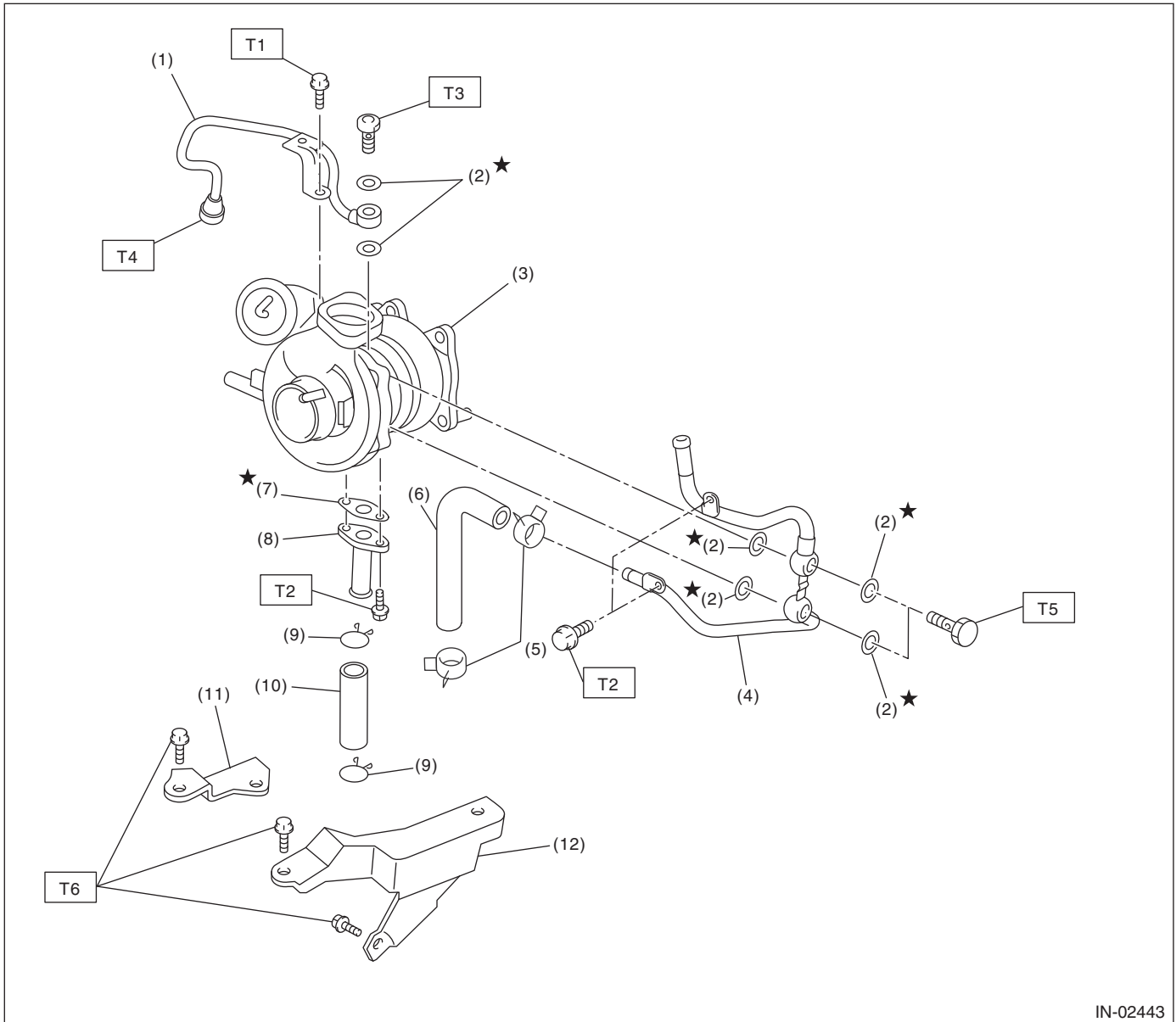
- (5) Spacer
- (6) Cushion
- (7) Intercooler stay
- (8) Brake booster vacuum hose clip

Tightening torque: N·m (kgf-m, ft-lb)

T1: 6.5 (0.7, 4.8)

T2: 16 (1.6, 11.8)

4. TURBOCHARGER



IN-02443

- | | |
|-------------------------|------------------------------|
| (1) Oil inlet pipe | (7) Gasket |
| (2) Metal gasket | (8) Oil outlet pipe |
| (3) Turbocharger | (9) Clip |
| (4) Water pipe | (10) Oil outlet hose |
| (5) Clip | (11) Turbocharger bracket RH |
| (6) Engine coolant hose | (12) Turbocharger bracket LH |

Tightening torque: N·m (kgf-m, ft-lb)

T1: 5 (0.5, 3.7)

T2: 7.8 (0.8, 5.8)

T3: 16 (1.6, 11.8)

T4: 20 (2.0, 14.8)

T5: 23 (2.3, 17.0)

T6: 33 (3.4, 24.3)

General Description

INTAKE (INDUCTION)

B: PREPARATION TOOL

1. GENERAL TOOL

TOOL NAME	REMARKS
Mighty Vac	Used to inspect the waste gate actuator.

C: CAUTION

- Wear appropriate work clothing, including a cap, protective goggles and protective shoes when performing any work.
- Remove contamination including dirt and corrosion before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust and dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly and replacement.
- Vehicle components are extremely hot after driving. Be wary of receiving burns from heated parts.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or rigid racks at the specified points.
- Before disconnecting connectors of sensors or units, be sure to disconnect the ground cable from the battery.