

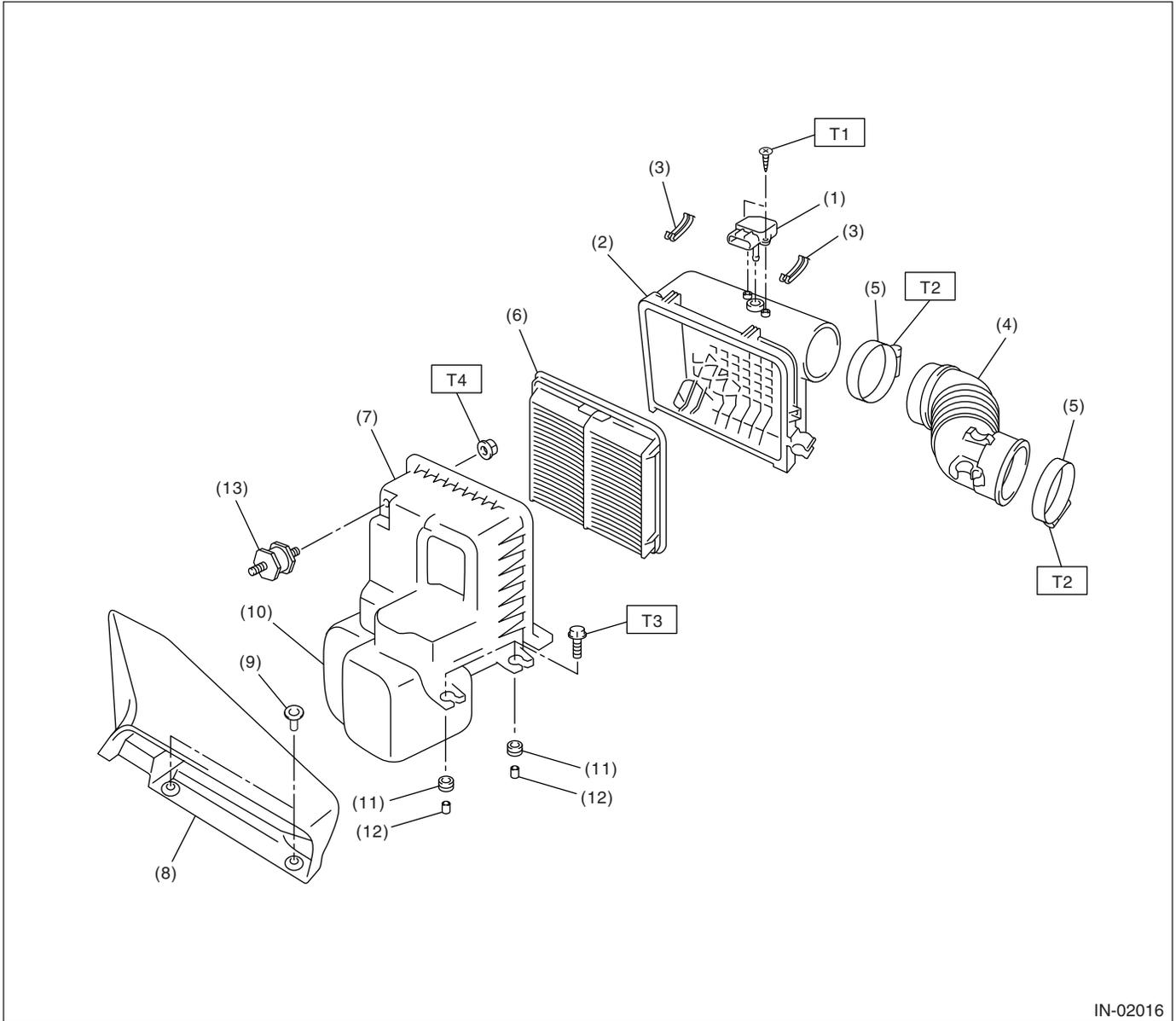
General Description

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



IN-02016

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

Tightening torque: N·m (kgf·m, ft·lb)

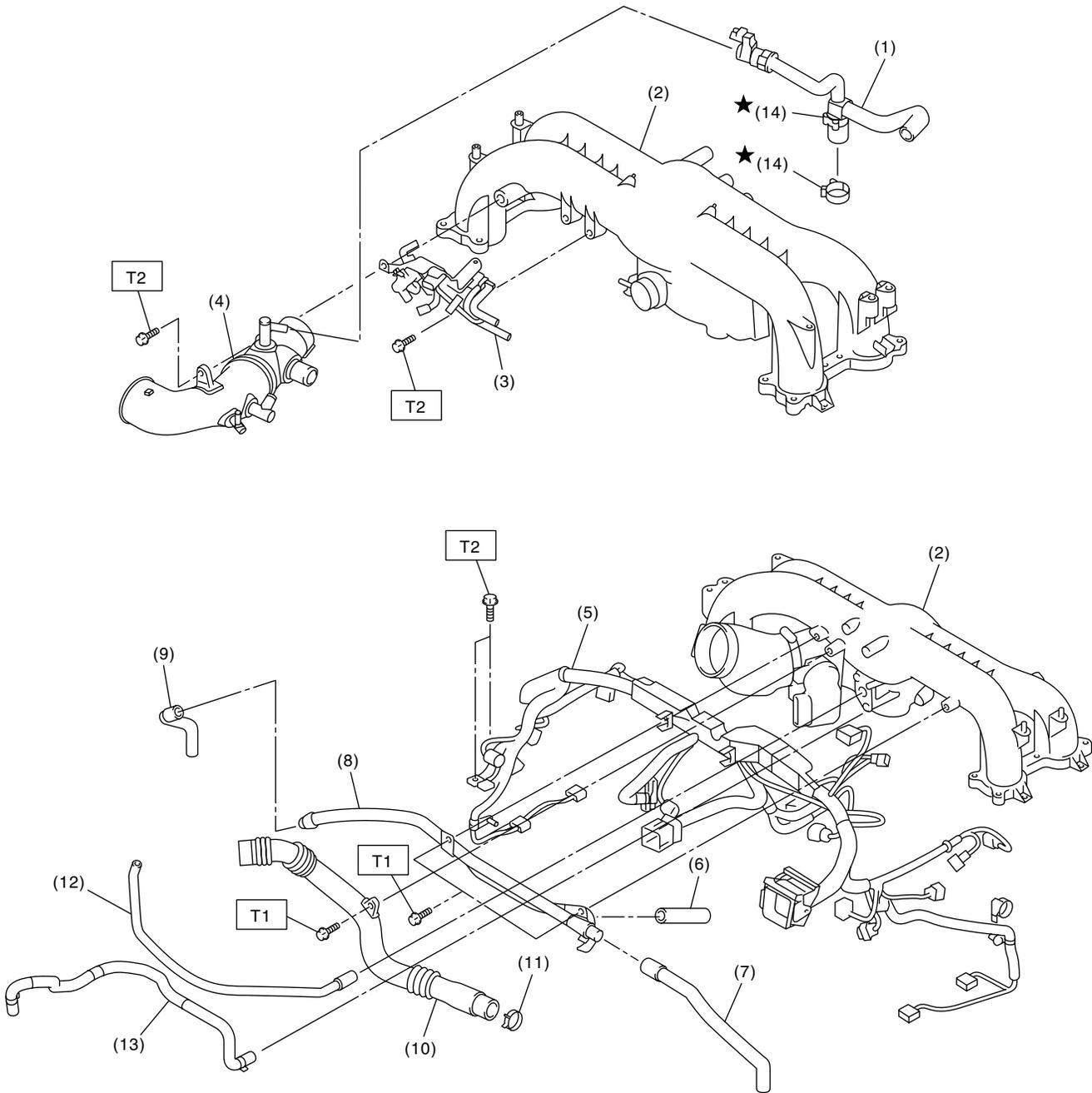
T1: 1.0 (0.10, 0.74)

T2: 2.5 (0.25, 1.8)

T3: 6.0 (0.61, 4.4)

T4: 7.5 (0.76, 5.5)

2. INTAKE DUCT



IN-02092

- | | | |
|---------------------------------|-----------------------|-------------------------|
| (1) PCV hose ASSY | (7) Vacuum hose | (13) Brake booster hose |
| (2) Intake manifold | (8) PCV pipe | (14) Clamp |
| (3) Solenoid valve bracket ASSY | (9) Vacuum hose | |
| (4) Intake duct | (10) Air by-pass pipe | |
| (5) Engine harness ASSY | (11) Clamp | |
| (6) Vacuum hose | (12) Vacuum hose | |

Tightening torque: N·m (kgf·m, ft·lb)

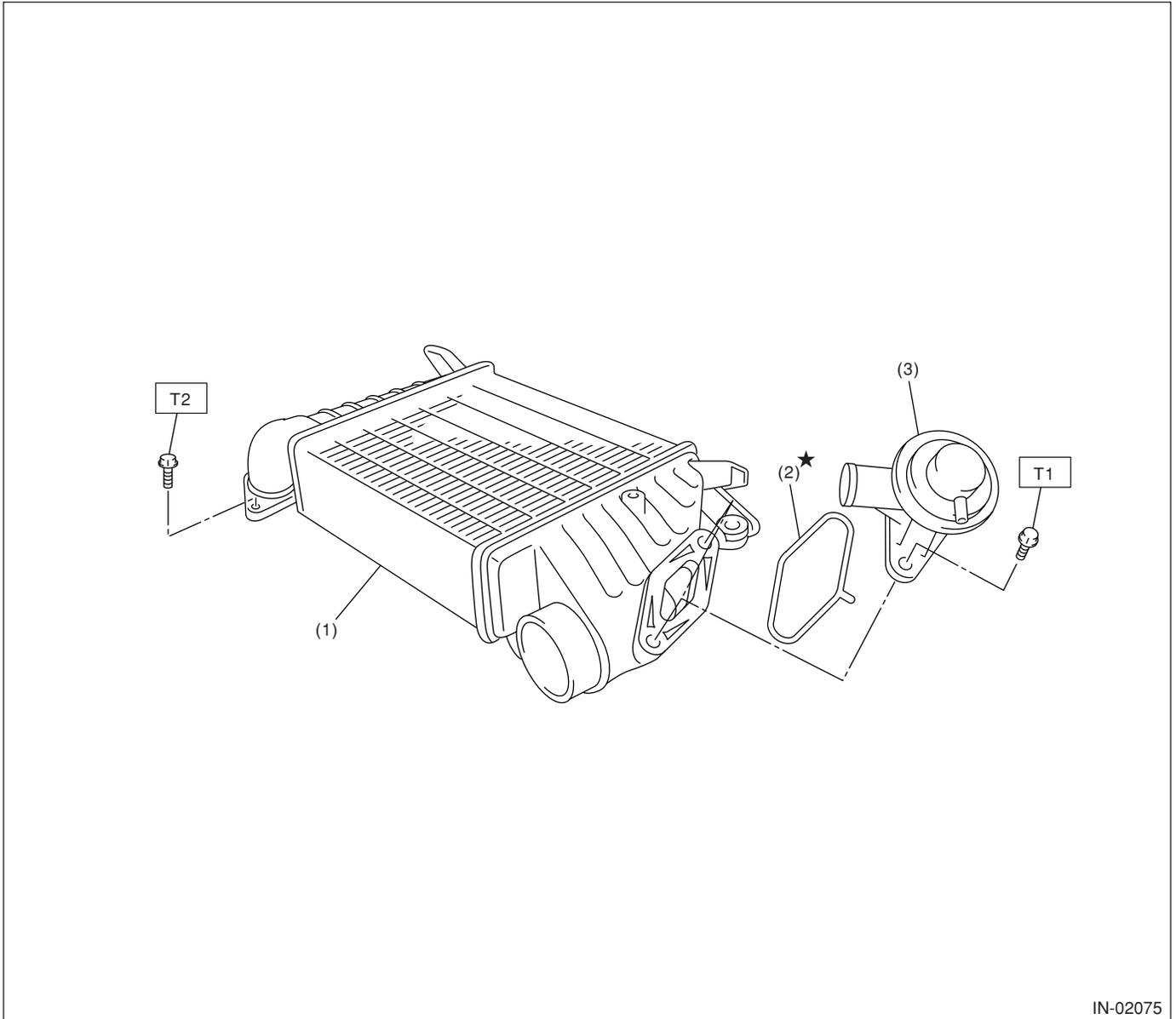
T1: 6.5 (0.66, 4.8)

T2: 19 (1.9, 13.7)

General Description

INTAKE (INDUCTION)

3. INTERCOOLER



IN-02075

- (1) Intercooler
- (2) Gasket

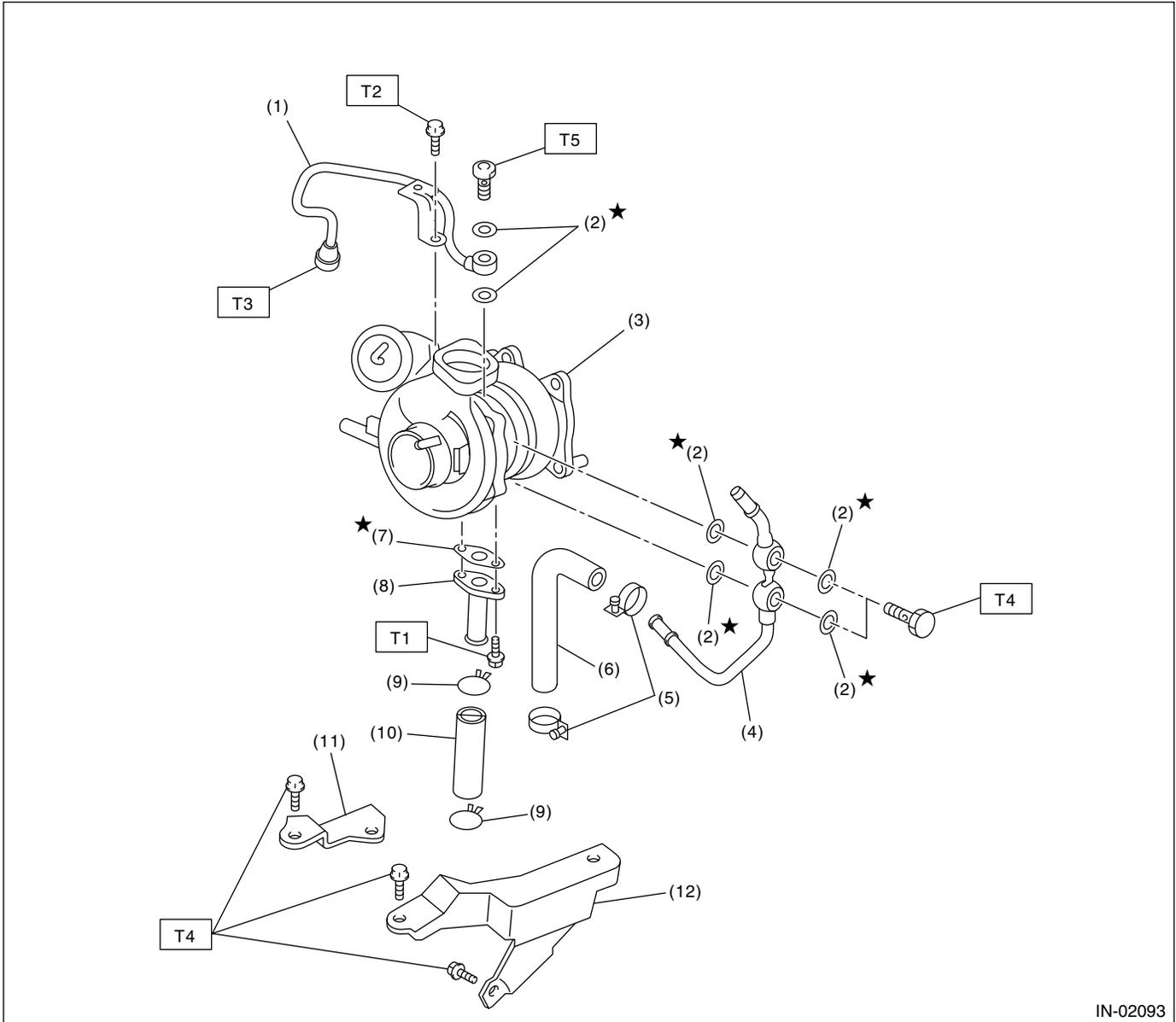
- (3) Air by-pass valve

Tightening torque: N·m (kgf·m, ft·lb)

T1: 6.5 (0.66, 4.8)

T2: 16 (1.6, 11.6)

4. TURBOCHARGER



IN-02093

- | | |
|-------------------------|------------------------------|
| (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) Clamp | (11) Turbocharger bracket RH |
| (6) Engine coolant hose | (12) Turbocharger bracket LH |

Tightening torque: N·m (kgf·m, ft·lb)

T1: 4.4 (0.45, 3.3)

T2: 4.9 (0.50, 3.6)

T3: 20 (2.0, 14.8)

T4: 33 (3.4, 24.6)

T5: 16 (1.6, 11.6)

General Description

INTAKE (INDUCTION)

B: CAUTION

- Wear work 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 and dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly and replacement.
- Be careful not to burn yourself, 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 rigid racks at the specified points.
- Before disconnecting electrical connectors of sensors or units, be sure to disconnect the ground cable from battery.