

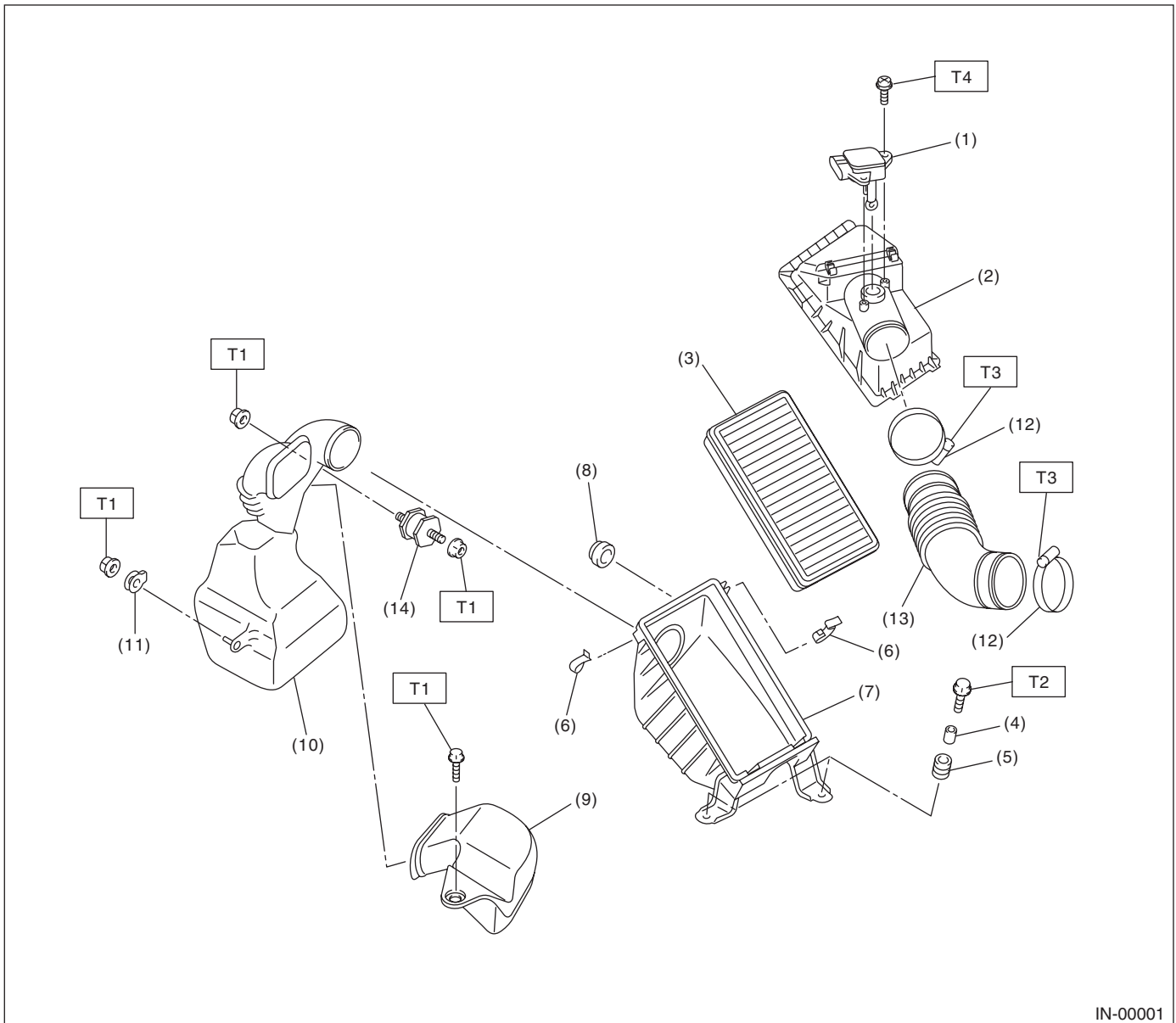
General Description

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



IN-00001

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

Tightening torque: N·m (kgf-m, ft-lb)

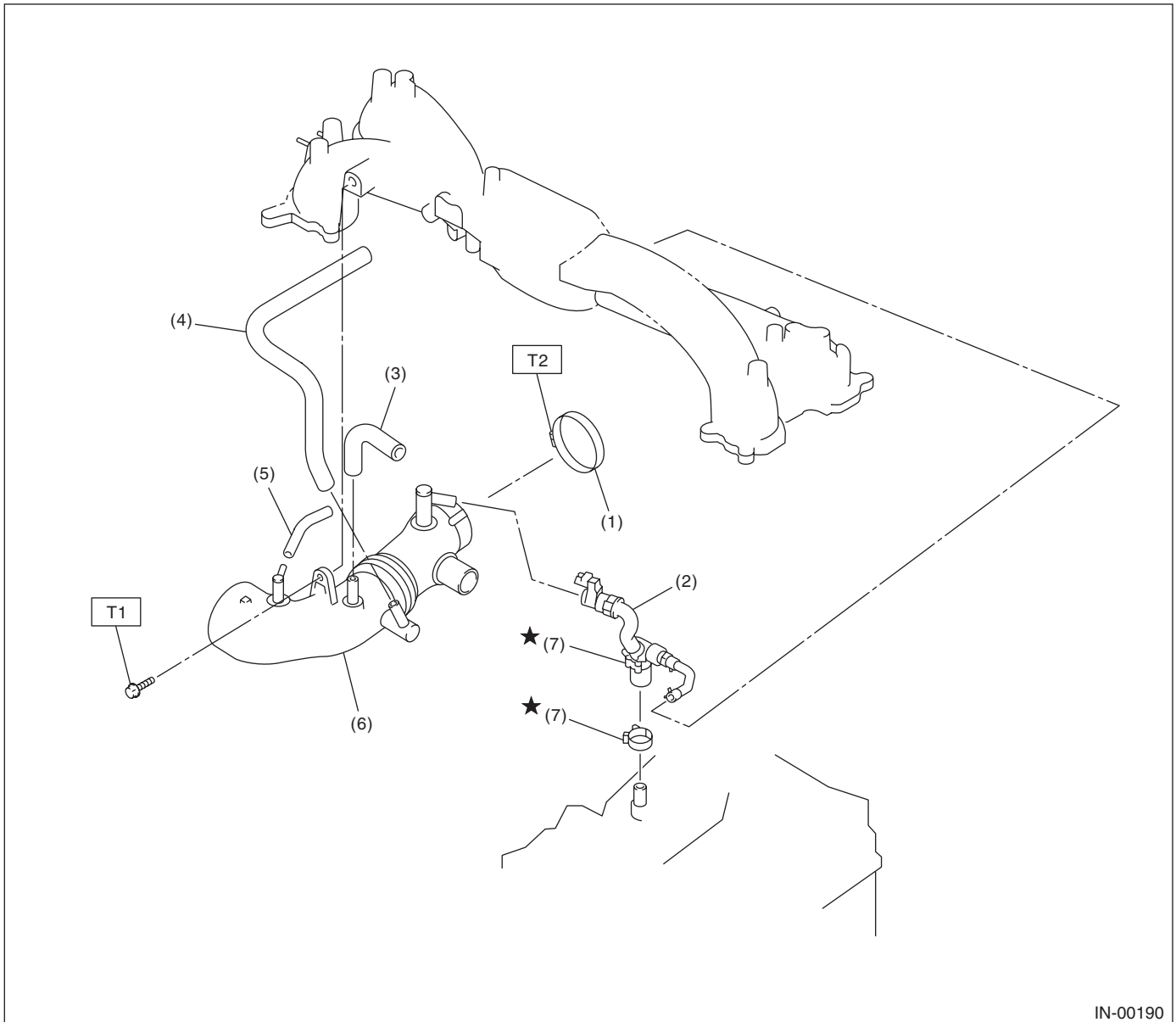
T1: 7.5 (0.76, 5.5)

T2: 33 (3.4, 24.3)

T3: 2.5 (0.25, 1.8)

T4: 1.0 (0.1, 0.7)

2. INTAKE DUCT



IN-00190

- | | |
|------------------------|------------------------|
| (1) Clamp | (5) Air by-pass hose C |
| (2) PCV hose ASSY | (6) Intake duct |
| (3) Air by-pass hose A | (7) Clamp |
| (4) Air by-pass hose B | |

Tightening torque: N·m (kgf-m, ft-lb)

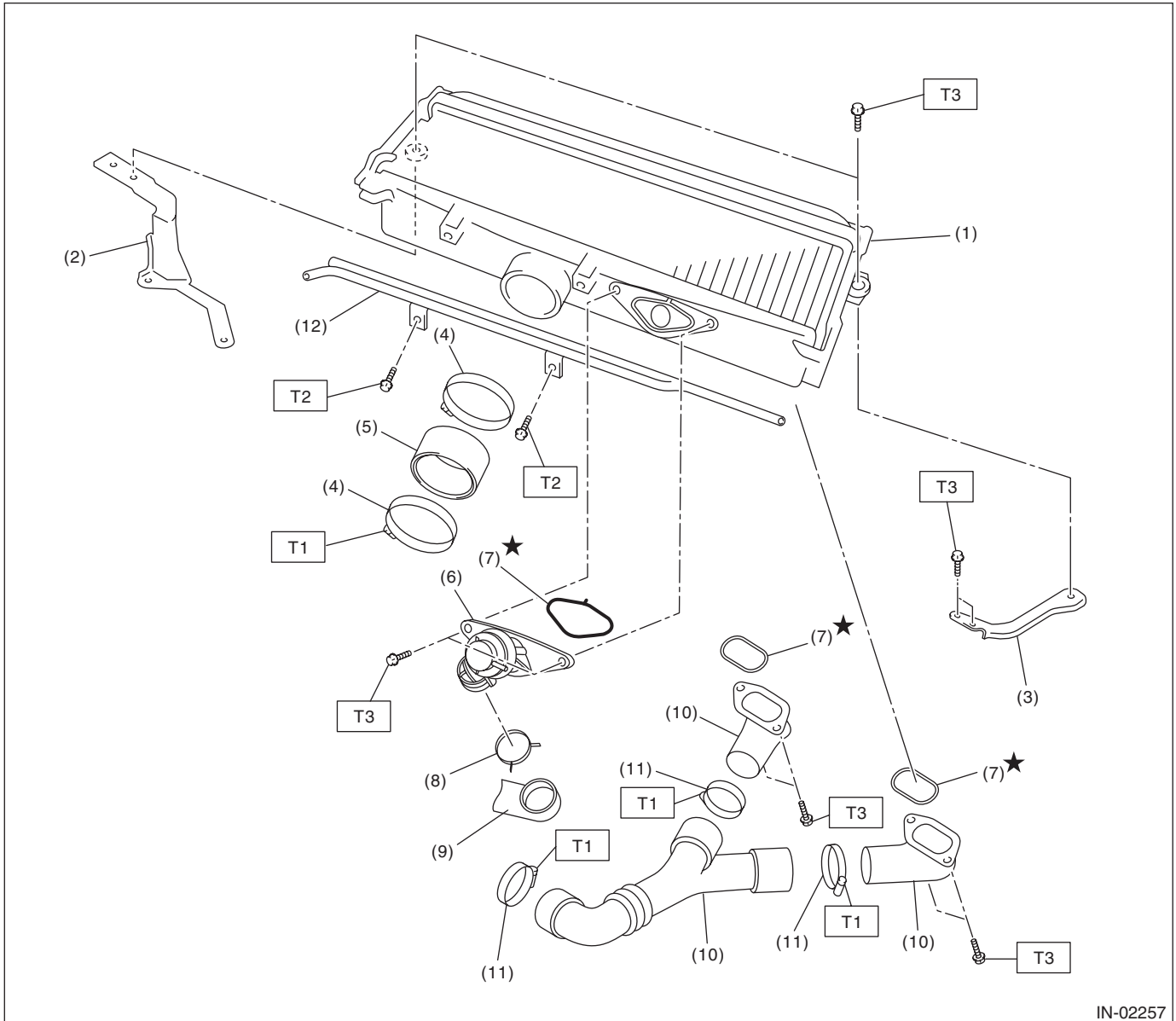
T1: 19 (1.9, 14.0)

T2: 3 (0.3, 2.2)

General Description

INTAKE (INDUCTION)

3. INTERCOOLER



- | | |
|----------------------------|------------------------|
| (1) Intercooler | (7) O-ring |
| (2) Intercooler bracket RH | (8) Clamp |
| (3) Intercooler bracket LH | (9) Air by-pass hose A |
| (4) Clamp | (10) Intercooler duct |
| (5) Air intake duct | (11) Clamp |
| (6) Air by-pass valve | (12) PCV pipe |

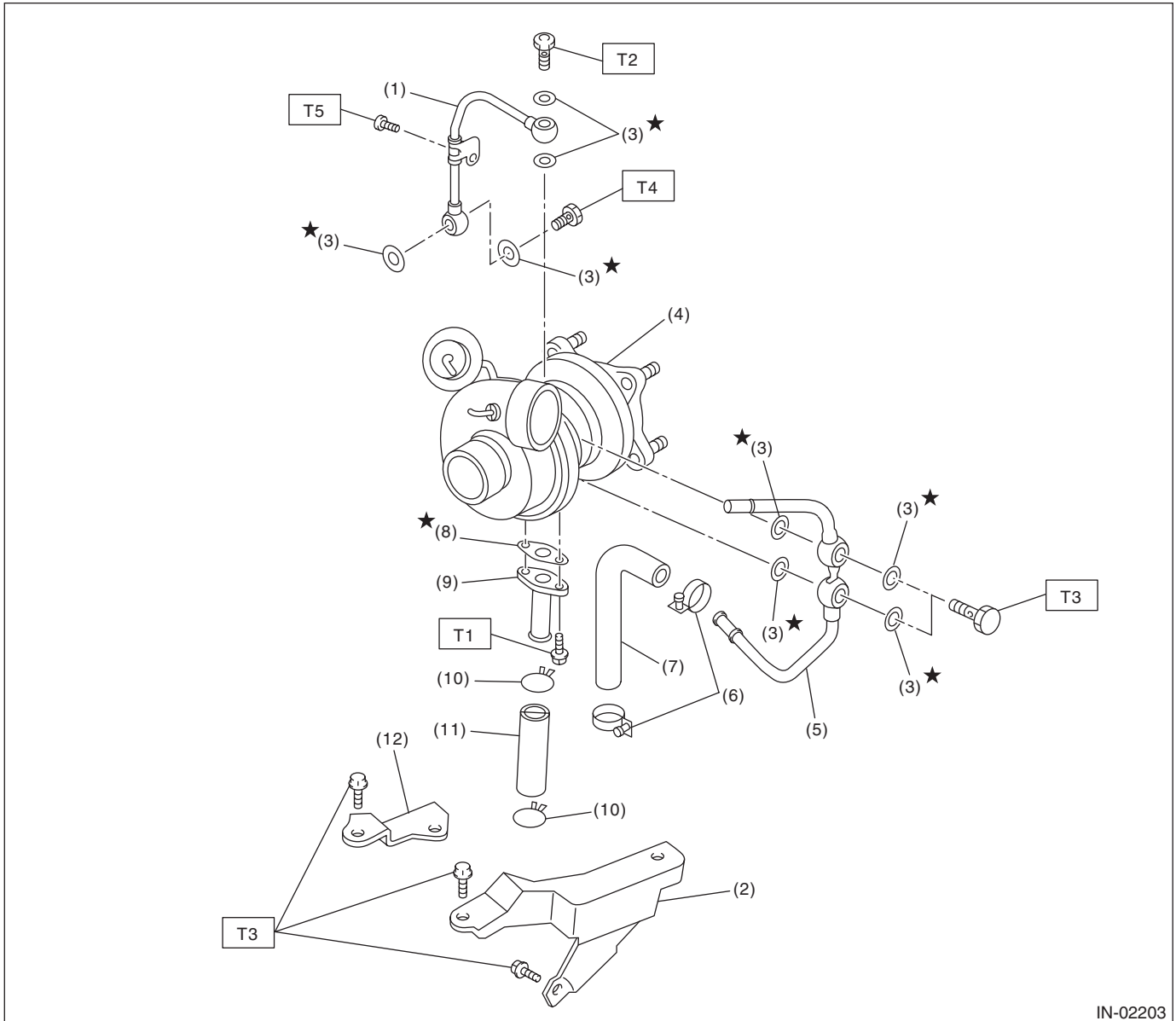
Tightening torque: N·m (kgf-m, ft-lb)

T1: 3 (0.3, 2.2)

T2: 6.3 (0.64, 4.6)

T3: 16 (1.6, 11.8)

4. TURBOCHARGER



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

Tightening torque: N·m (kgf-m, ft-lb)

T1: 4.4 (0.45, 3.3)

T2: 16 (1.6, 11.8)

T3: 33 (3.4, 24.3)

T4: 29 (3.0, 21.4)

T5: 4.9 (0.50, 3.6)

B: 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.