

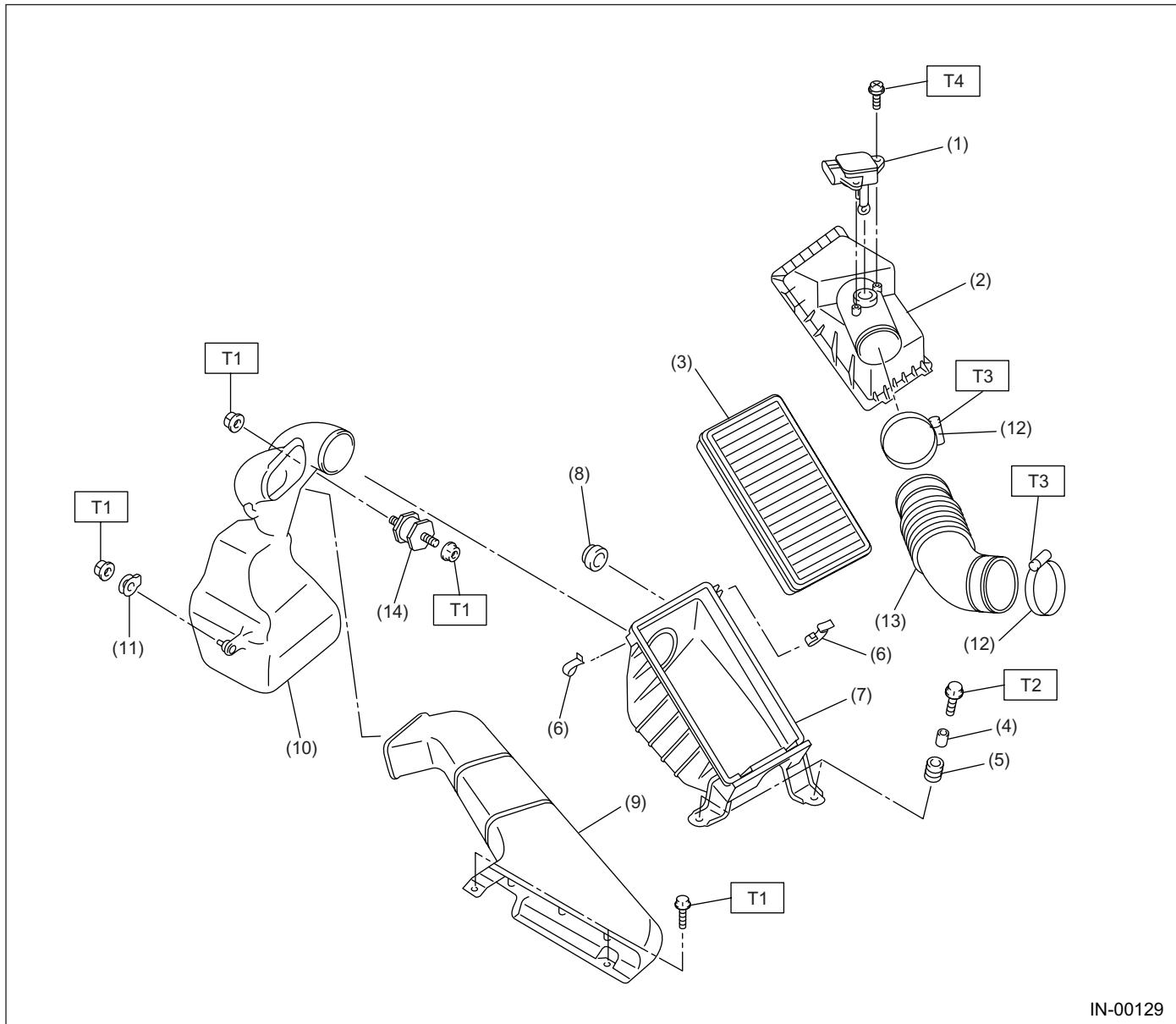
GENERAL DESCRIPTION

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



IN-00129

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

Tightening torque: N·m (kgf·m, ft·lb)

T1: 7.5 (0.76, 5.5)

T2: 33 (3.4, 25)

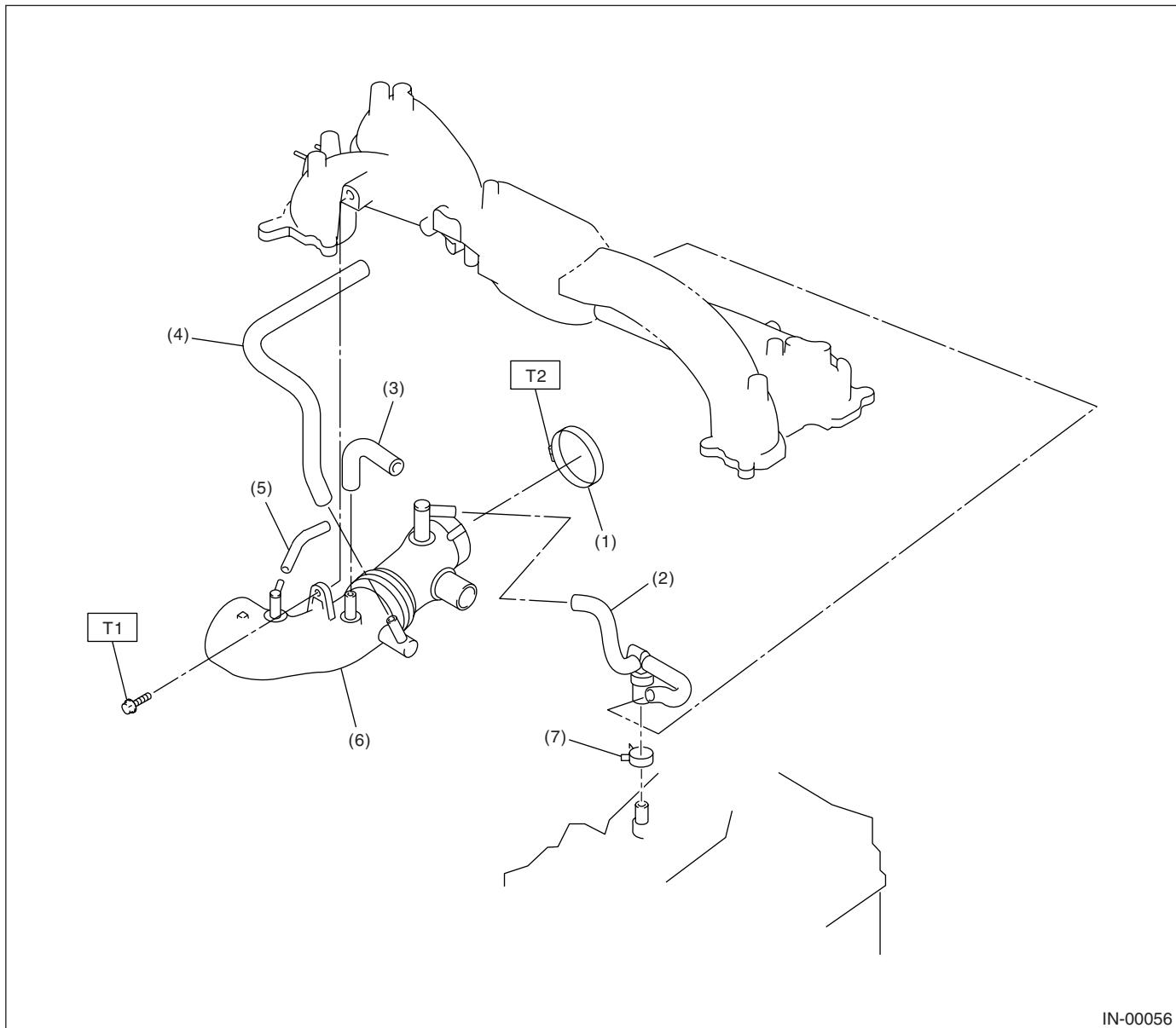
T3: 2.5 (0.25, 1.8)

T4: 1.7 (0.17, 1.2)

GENERAL DESCRIPTION

INTAKE (INDUCTION)

2. INTAKE DUCT



- (1) Clamp
- (2) PCV hose ASSY
- (3) Air by-pass hose A
- (4) Air by-pass hose B

- (5) Air by-pass hose C
- (6) Intake duct
- (7) Clamp

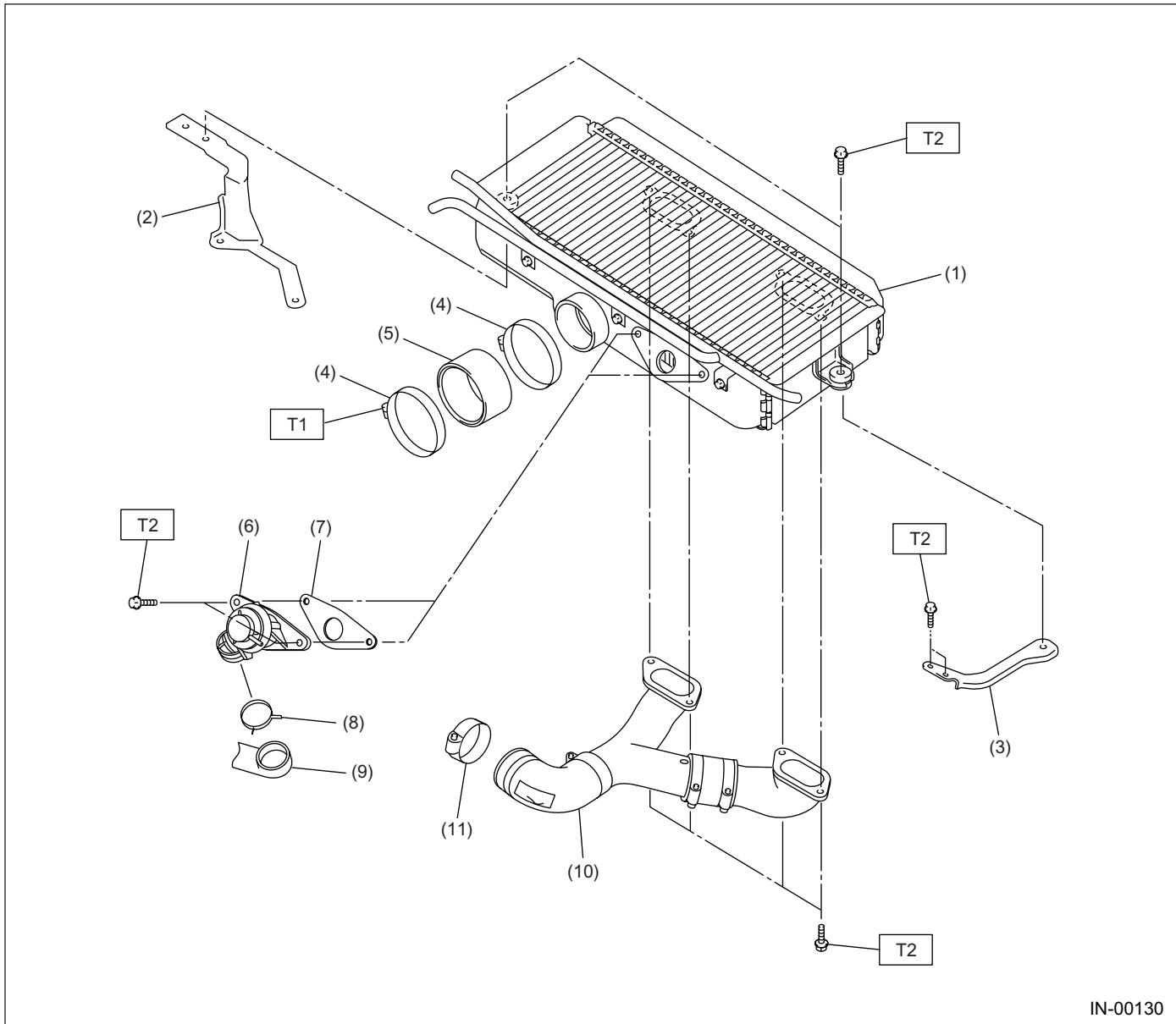
Tightening torque: N·m (kgf·m, ft·lb)

T1: 19 (1.9, 13.7)
T2: 3 (0.3, 2.2)

GENERAL DESCRIPTION

INTAKE (INDUCTION)

3. INTERCOOLER



IN-00130

(1) Intercooler	(7) Gasket
(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	

Tightening torque: N·m (kgf·m, ft-lb)

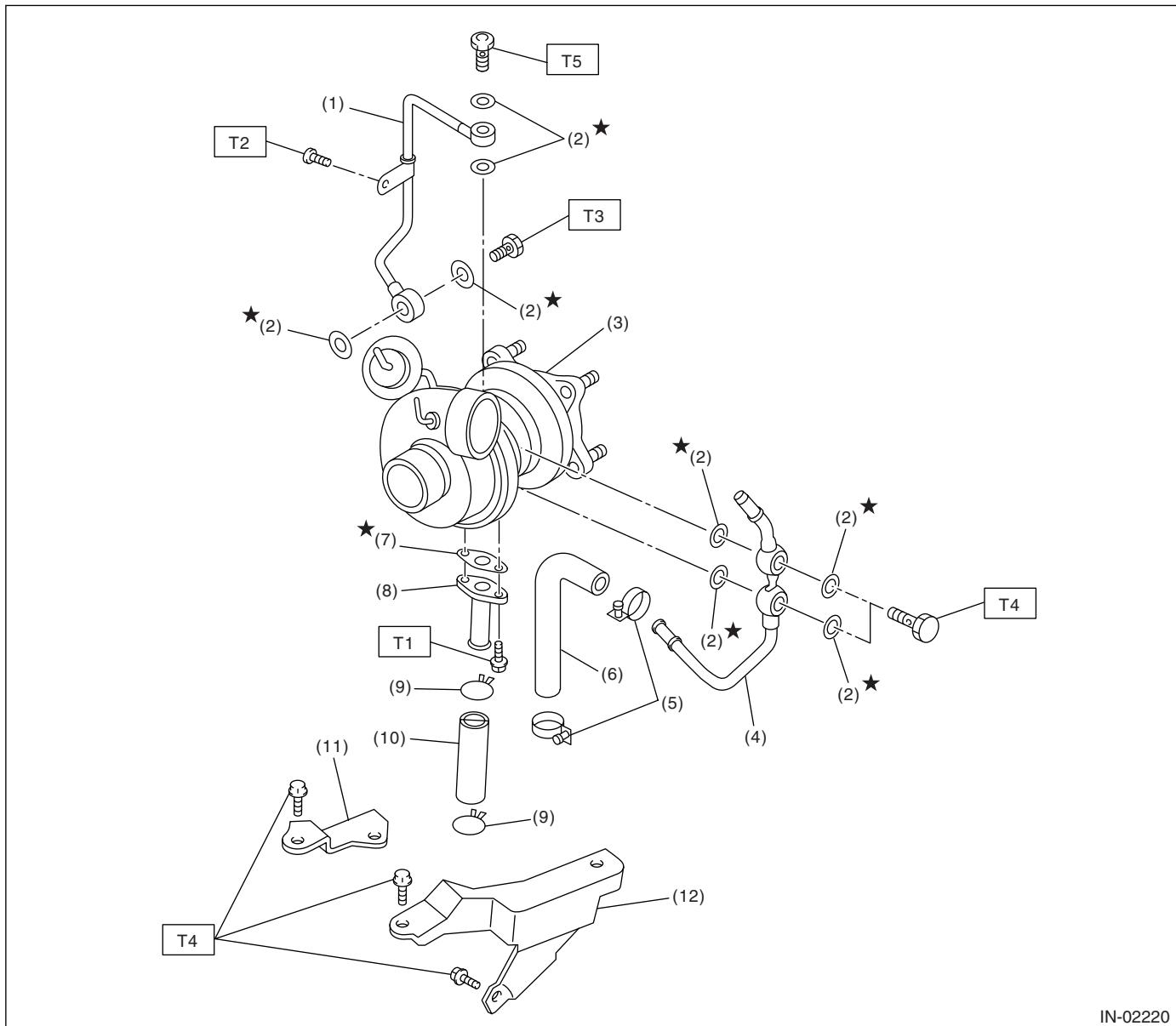
T1: 3 (0.22, 1.6)

T2: 16 (1.6, 11.7)

GENERAL DESCRIPTION

INTAKE (INDUCTION)

4. TURBOCHARGER



IN-02220

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

Tightening torque: N·m (kgf·m, ft-lb)

T1: 4.4 (0.45, 3.3)

T2: 4.9 (0.50, 3.6)

T3: 29 (3.0, 21.7)

T4: 33 (3.4, 24.6)

T5: 16 (1.6, 11.7)

GENERAL DESCRIPTION

INTAKE (INDUCTION)

B: CAUTION

- 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.