

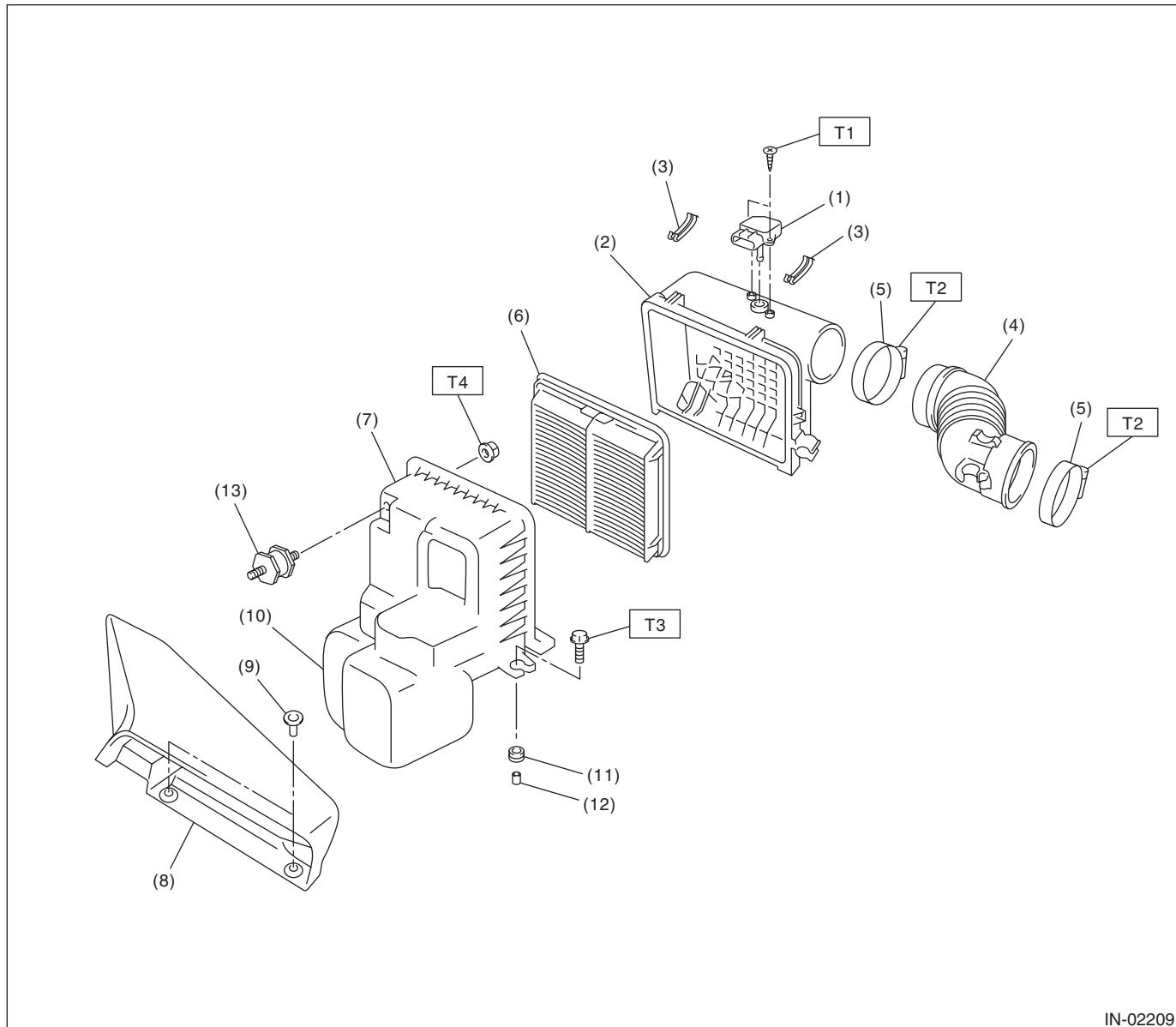
General Description

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



IN-02209

(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)

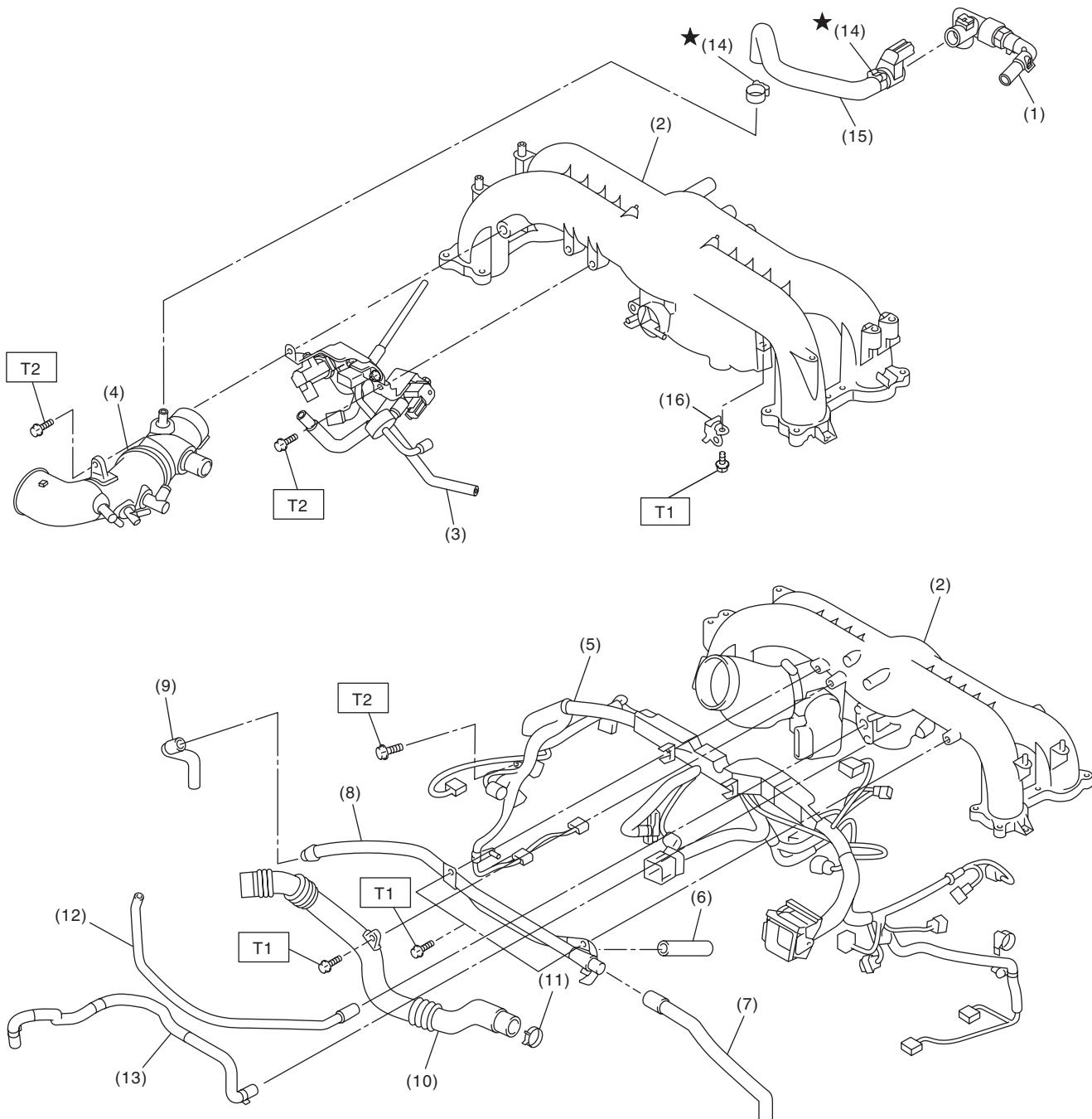
T3: 6.0 (0.61, 4.4)

T4: 7.5 (0.76, 5.5)

General Description

INTAKE (INDUCTION)

2. INTAKE DUCT



IN-02224

(1) PCV hose ASSY A	(8) PCV pipe	(15) PCV hose ASSY B
(2) Intake manifold	(9) Vacuum hose	(16) Solenoid valve bracket
(3) Solenoid valve bracket ASSY	(10) Air by-pass pipe	
(4) Intake duct	(11) Clamp	
(5) Engine harness ASSY	(12) Vacuum hose	
(6) Vacuum hose	(13) Brake booster hose	
(7) Vacuum hose	(14) Clamp	

Tightening torque:N·m (kgf·m, ft·lb)

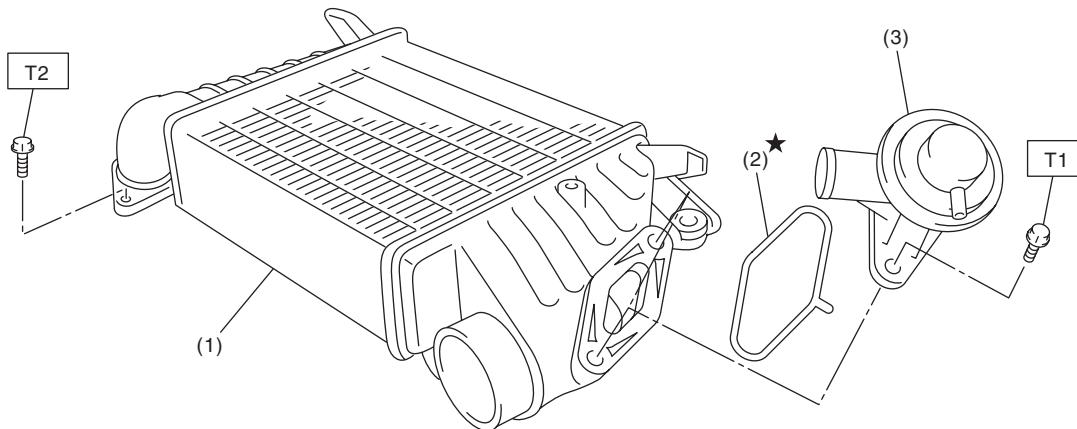
T1: 6.4 (0.65, 4.7)

T2: 19 (1.9, 13.7)

General Description

INTAKE (INDUCTION)

3. INTERCOOLER



IN-02075

(1) Intercooler
(2) O-ring

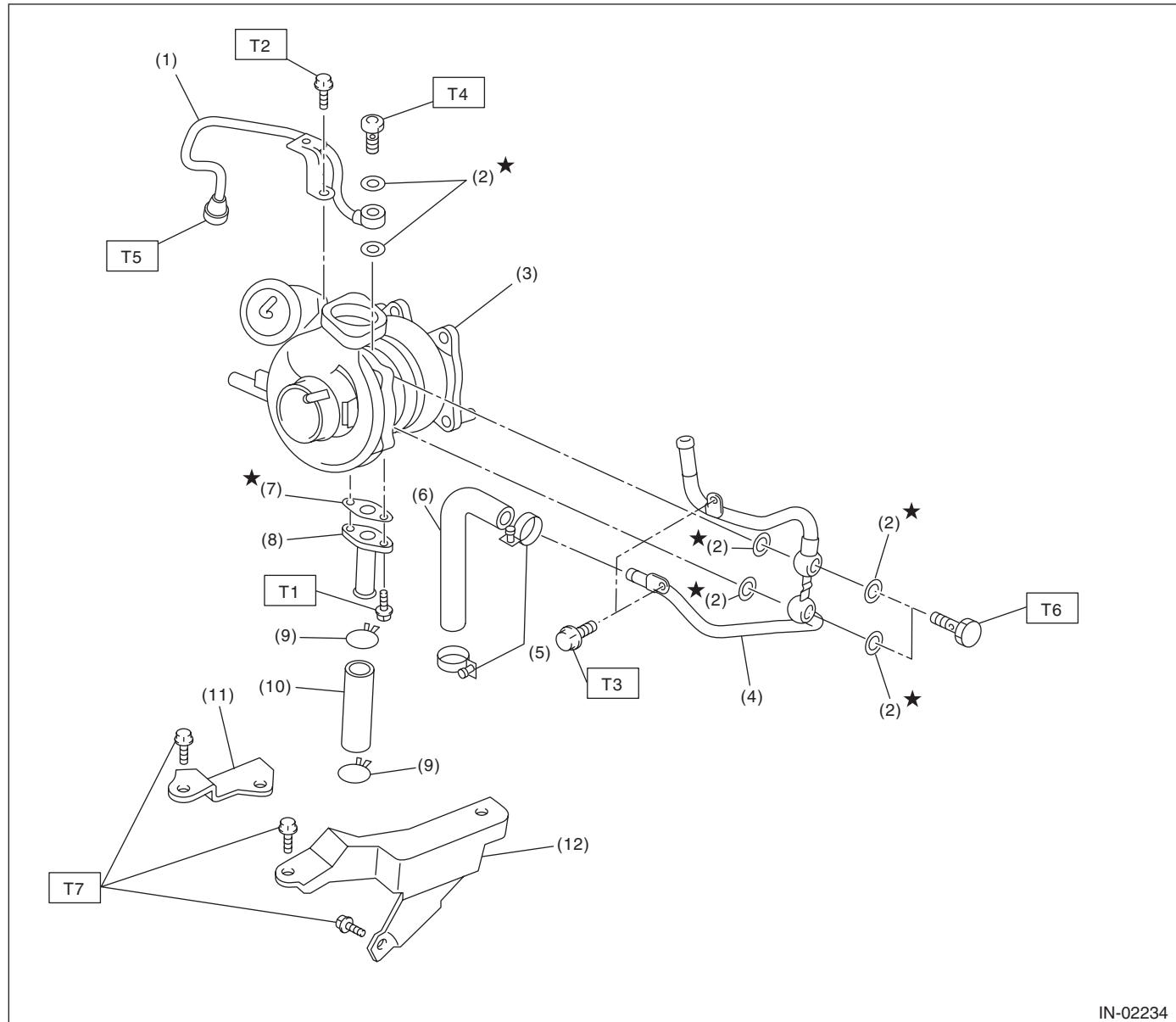
(3) Air by-pass valve

Tightening torque:N·m (kgf·m, ft-lb)
T1: 6.5 (0.66, 4.8)
T2: 16 (1.6, 11.6)

General Description

INTAKE (INDUCTION)

4. TURBOCHARGER



IN-02234

(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: 4.9 (0.5, 3.6)
T2: 5.0 (0.51, 3.7)
T3: 7.8 (0.8, 5.8)
T4: 16 (1.6, 11.6)
T5: 20 (2.0, 14.8)
T6: 23 (2.3, 17.0)
T7: 33 (3.4, 24.6)

General Description

INTAKE (INDUCTION)

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.