

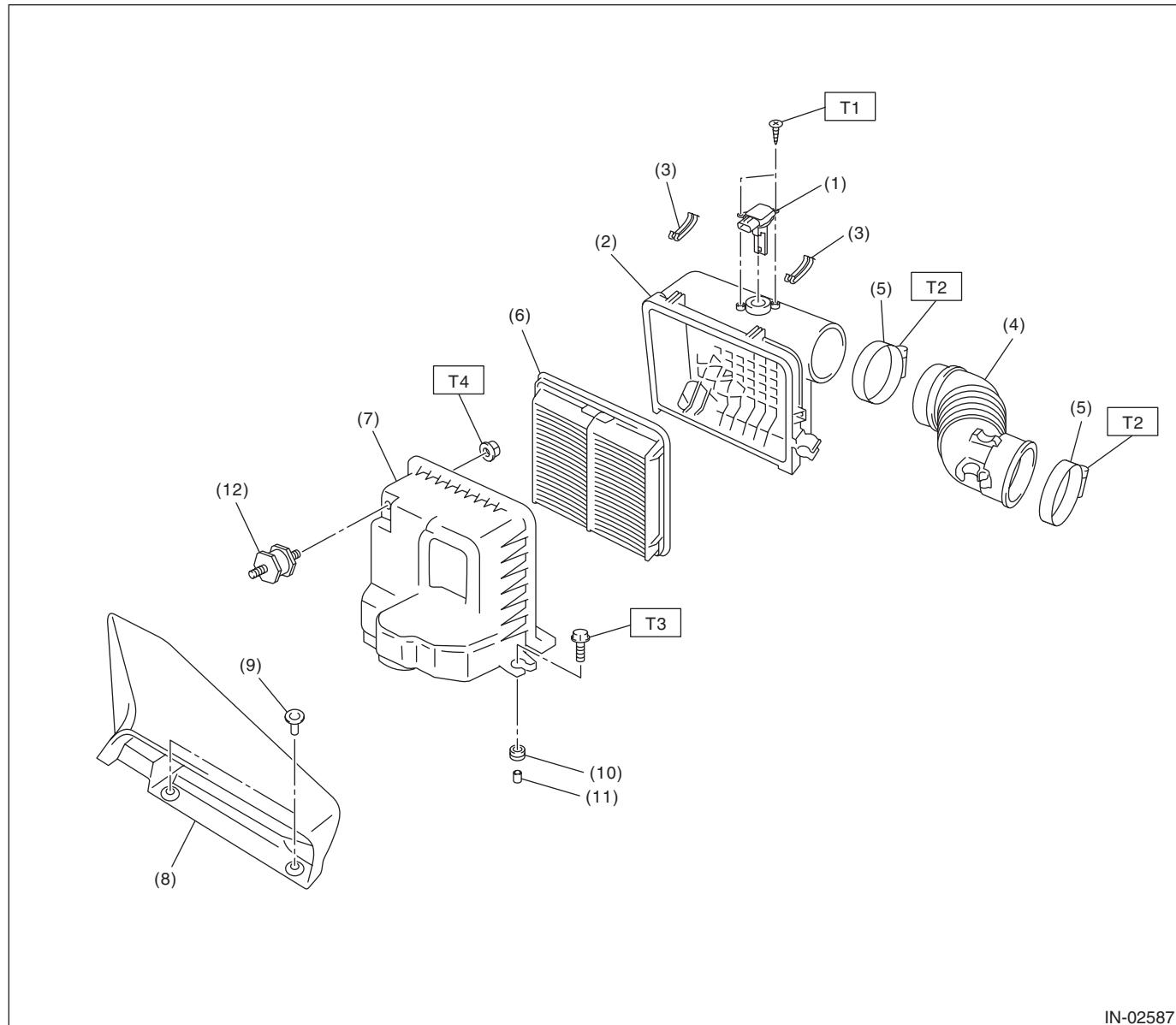
General Description

INTAKE (INDUCTION)

1. General Description

A: COMPONENT

1. AIR CLEANER



(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)	Cushion
(5)	Clamp	(11)	Spacer
(6)	Air cleaner element	(12)	Cushion

Tightening torque:N·m (kgf·m, ft·lb)

T1: 1 (0.1, 0.7)

T2: 2.5 (0.3, 1.8)

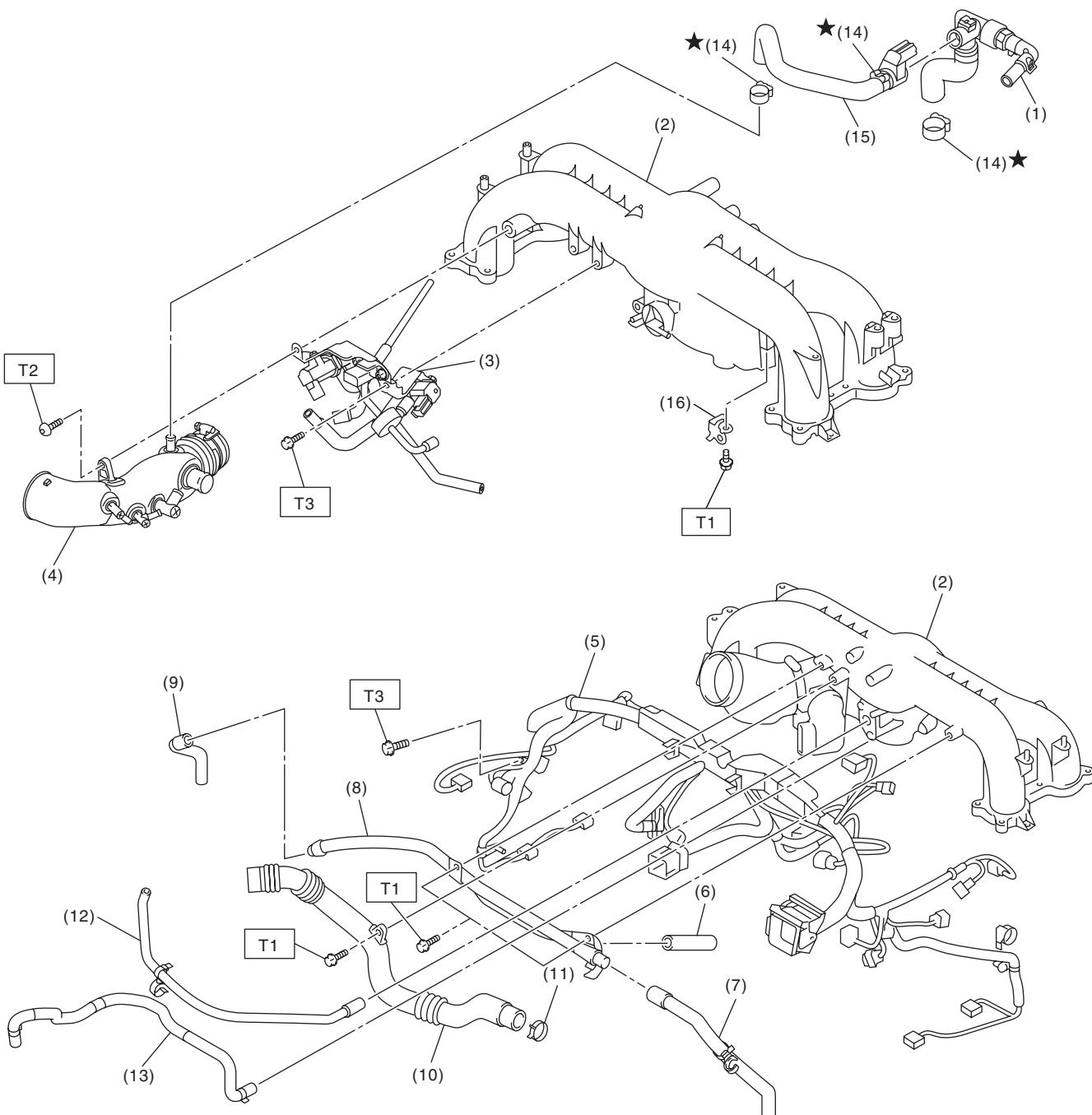
T3: 6 (0.6, 4.4)

T4: 7.5 (0.8, 5.5)

General Description

INTAKE (INDUCTION)

2. INTAKE DUCT



IN-02565

(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) Clip	
(5) Engine harness ASSY	(12) Vacuum hose	
(6) Vacuum hose	(13) Brake booster vacuum hose	
(7) Vacuum hose	(14) Clamp	

Tightening torque:N·m (kgf·m, ft·lb)

T1: 6.4 (0.7, 4.7)

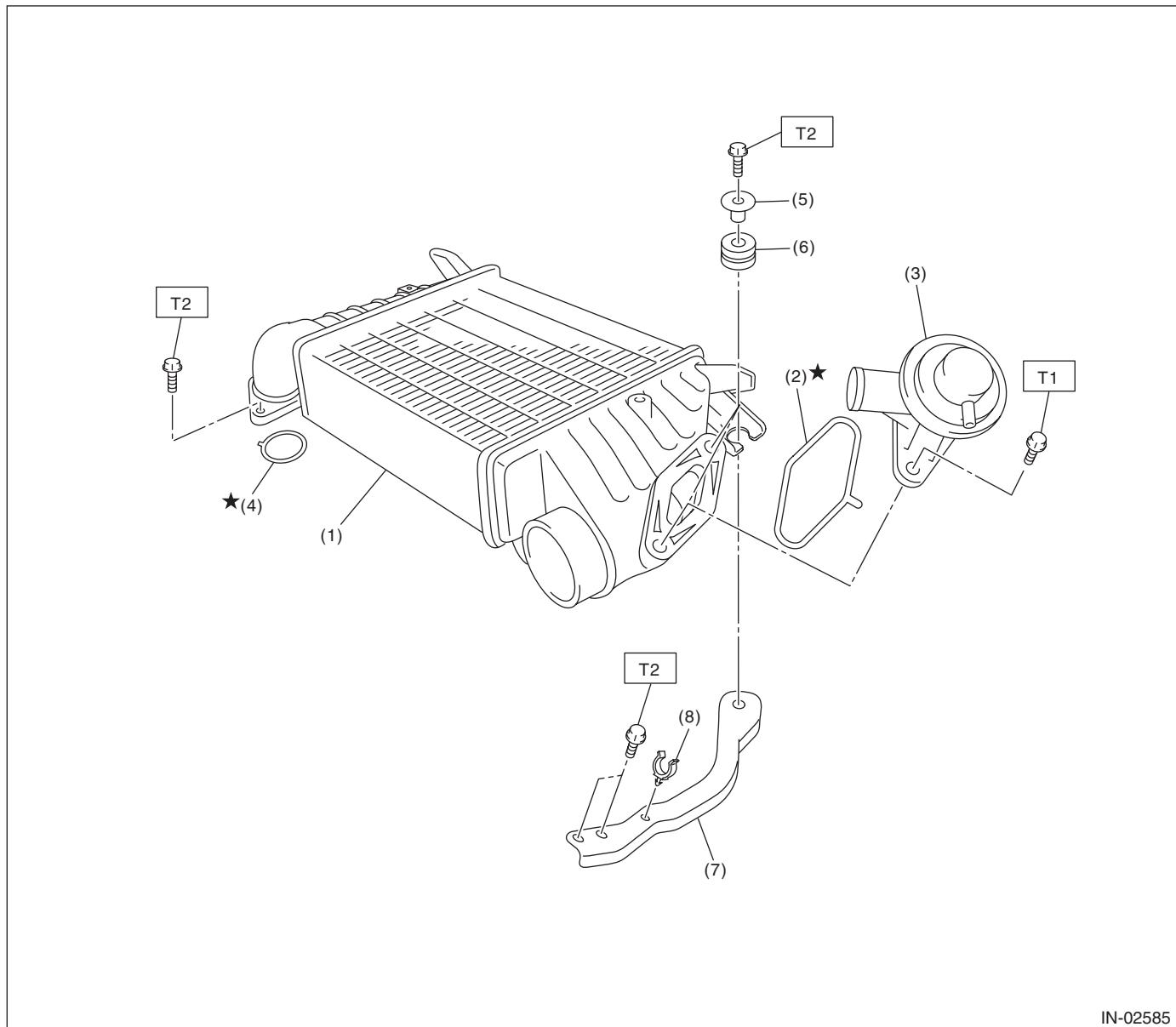
T2: 17 (1.7, 12.5)

T3: 19 (1.9, 14.0)

General Description

INTAKE (INDUCTION)

3. INTERCOOLER



IN-02585

(1)	Intercooler	(5)	Spacer
(2)	O-ring	(6)	Cushion
(3)	Air by-pass valve	(7)	Intercooler stay
(4)	O-ring	(8)	Clip

Tightening torque:N·m (kgf·m, ft·lb)

T1: 6.5 (0.7, 4.8)

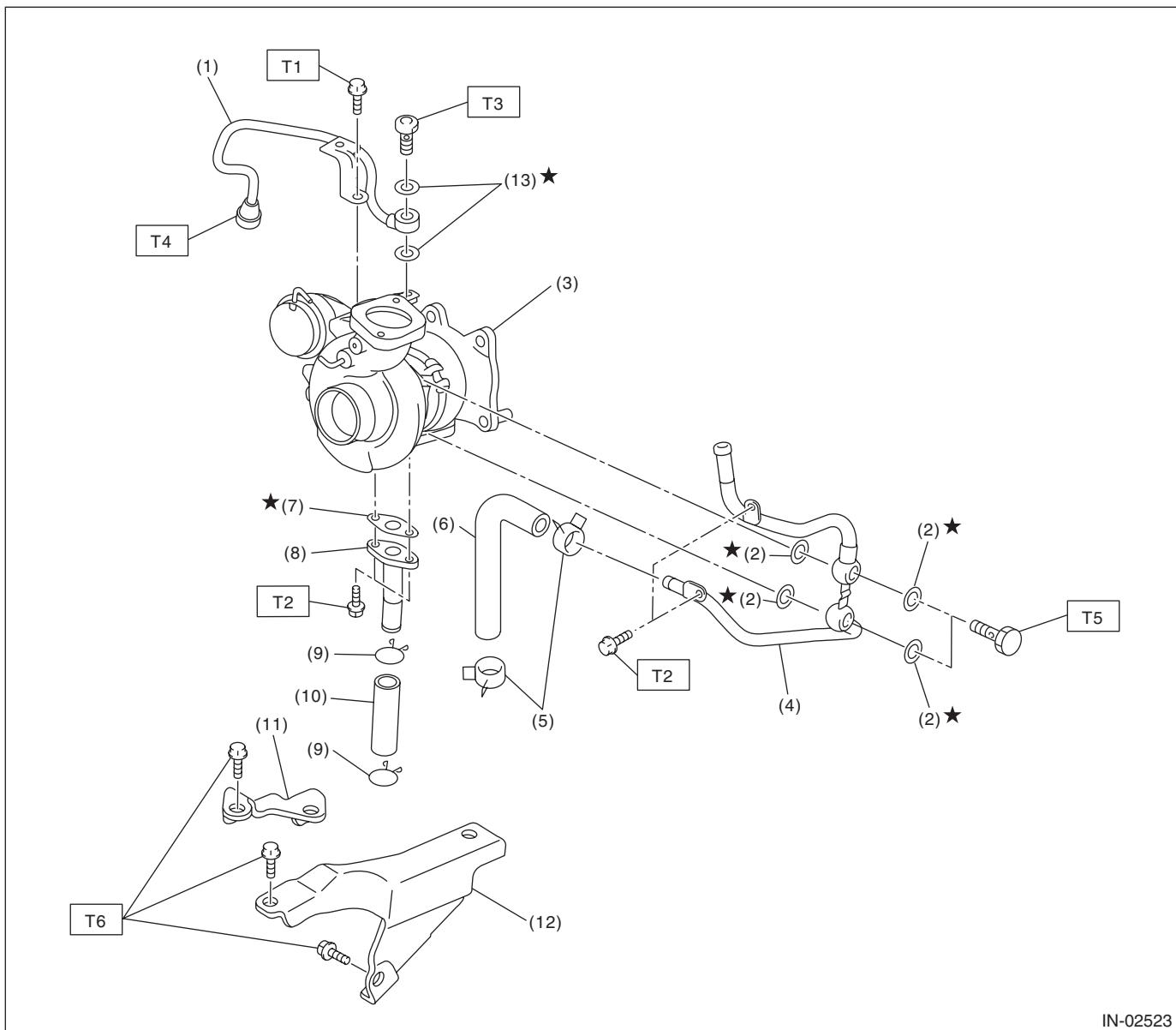
T2: 16 (1.6, 11.8)

General Description

INTAKE (INDUCTION)

4. TURBOCHARGER

- Except for WRX-SS model



IN-02523

(1) Oil inlet pipe	(8) Oil outlet pipe
(2) Gasket	(9) Clip
(3) Turbocharger	(10) Oil outlet hose
(4) Water pipe	(11) Turbocharger stay RH
(5) Clip	(12) Turbocharger stay LH
(6) Engine coolant hose	(13) Gasket
(7) Gasket	

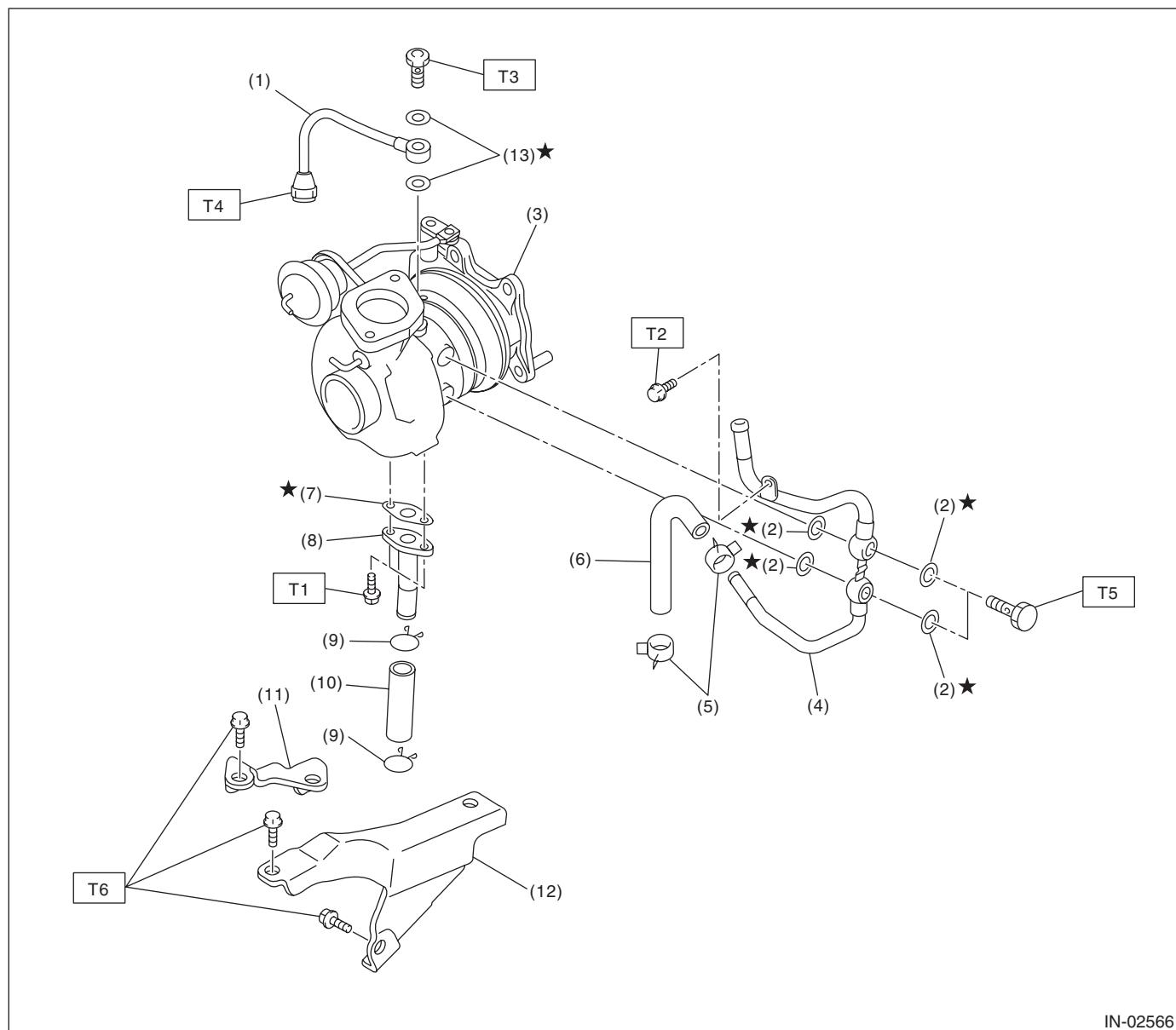
Tightening torque:N·m (kgf·m, ft-lb)

T1: 5 (0.5, 3.7)
T2: 8.8 (0.9, 6.5)
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)

- WRX-SS model



IN-02566

(1)	Oil inlet pipe	(8)	Oil outlet pipe
(2)	Gasket	(9)	Clip
(3)	Turbocharger	(10)	Oil outlet hose
(4)	Water pipe	(11)	Turbocharger stay RH
(5)	Clip	(12)	Turbocharger stay LH
(6)	Engine coolant hose	(13)	Gasket
(7)	Gasket		

Tightening torque:N·m (kgf·m, ft·lb)

T1: 4.9 (0.5, 3.6)

T2: 6.5 (0.7, 4.8)

T3: 16 (1.6, 11.8)

T4: 20 (2.0, 14.8)

T5: 23 (2.3, 17.0)

T6: 33 (3.4, 24.3)

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.

C: PREPARATION TOOL

1. GENERAL TOOL

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