1. General Description

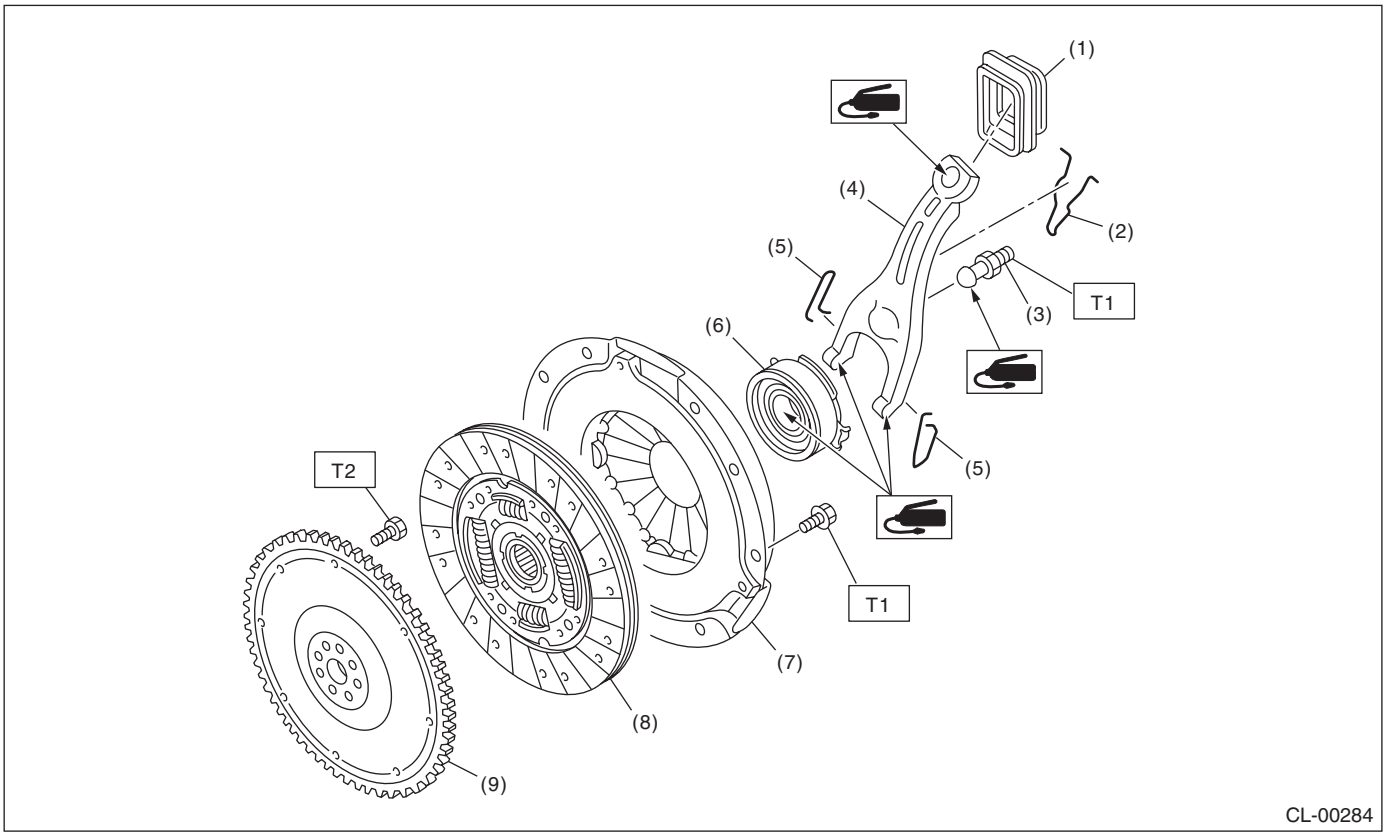
A: SPECIFICATION

Model				Non-turbo	Turbo
Clutch cover	Type			Push type	
	Diaphragm set load		kgf (lb)	580 (1,276)	800 (1,760)
Clutch disc	Facing material			Woven (Non asbestos)	
	O.D. × I.D. × thickness mm (in)	Pressure plate side		225 × 150 × 3.5 (8.86 × 5.9 × 0.138)	230 × 155 × 3.2 (9.06 × 6.10 × 0.126)
		Flywheel side			230 × 155 × 3.5 (9.06 × 6.10 × 0.138)
	Spline outer diameter		mm (in)	25.2 (0.992), (Number of teeth: 24)	
Clutch release lever ratio				1.6	1.6
Release bearing				Grease-packed self-aligning	
Clutch pedal	Full stroke		mm (in)	125 — 130 (4.92 — 5.12)	
	Free play		mm (in)	10 — 20 (0.39 — 0.79)	3 — 13 (0.12 — 0.51)
Clutch disc	Depth of rivet head mm (in)	Standard		Flywheel side: 1.35 — 1.95 (0.053 — 0.077) Clutch cover side: 1.65 — 2.25 (0.065 — 0.089)	
		Limit of sinking		0.3 (0.012)	
	Limit of runout		mm (in)	0.7 (0.028) at R = 107.5 (4.23)	0.7 (0.028) at R = 110.0 (4.33)

B: COMPONENT

1. CLUTCH ASSEMBLY

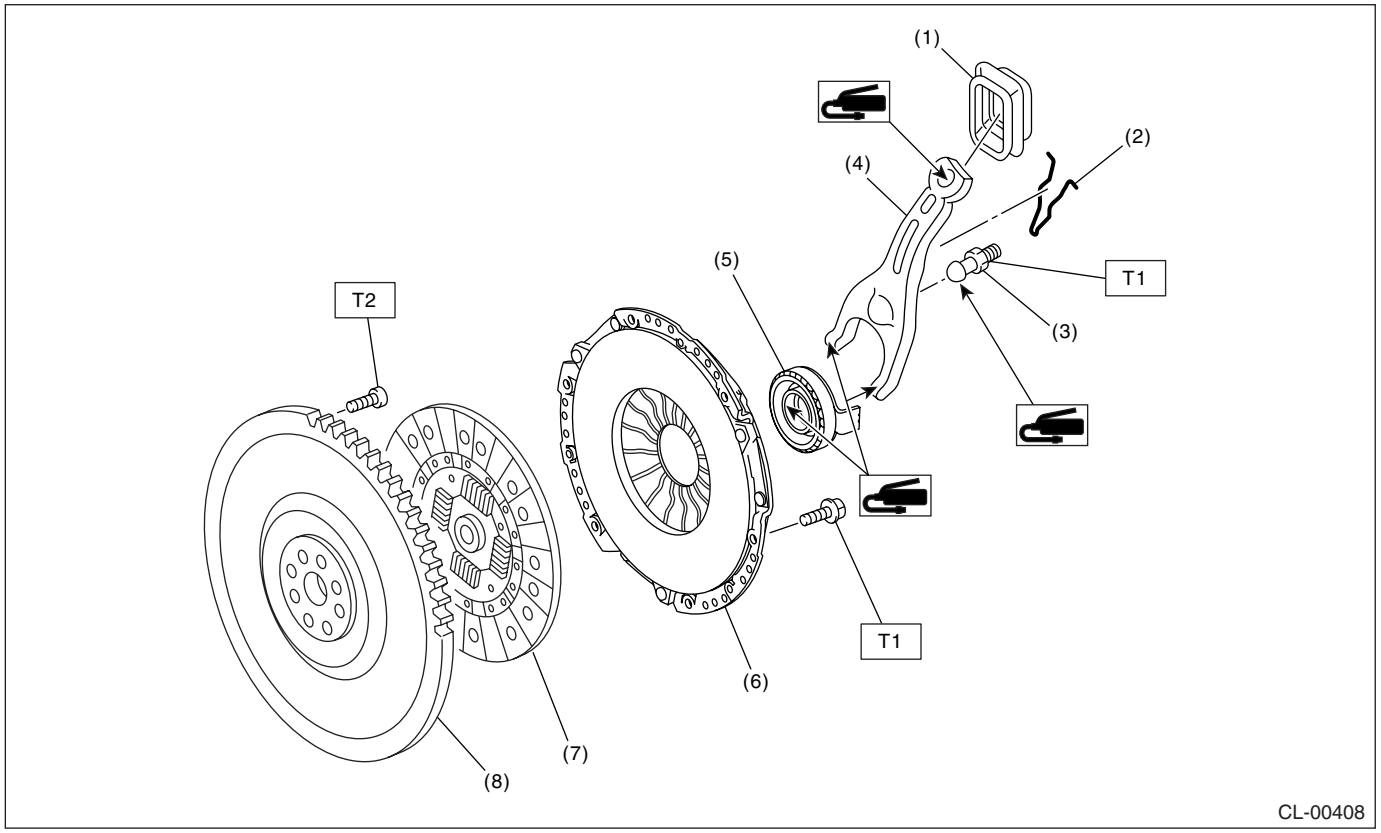
Non-turbo model



(1) Release lever dust cover
(2) Lever spring
(3) Pivot
(4) Release lever
(5) Clip
(6) Release bearing
(7) Clutch cover
(8) Clutch disc
(9) Flywheel

Tightening torque: N·m (kgf-m, ft-lb)
T1: 16 (1.6, 11.6)
T2: 72 (7.3, 52.8)

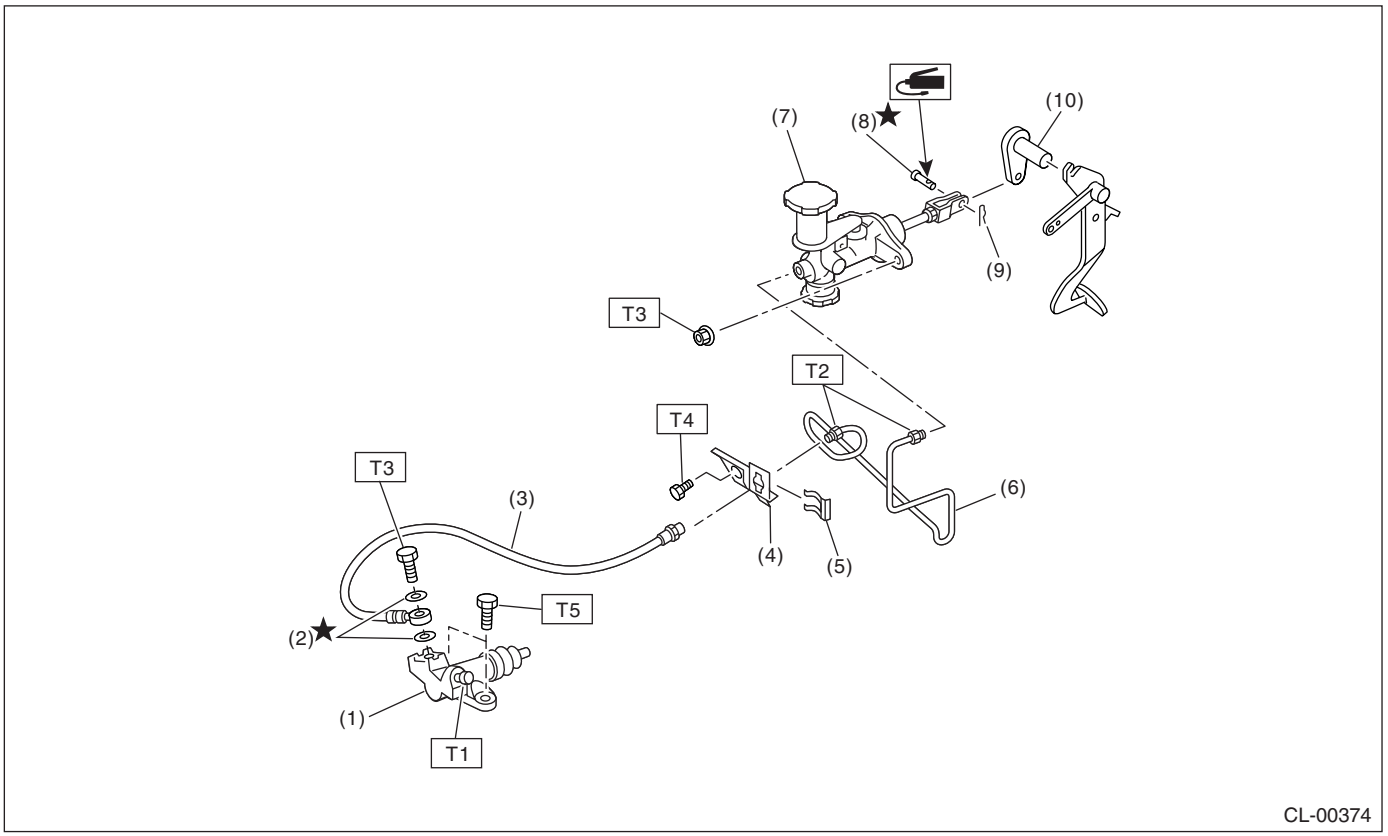
Turbo model



(1) Release lever dust cover
(2) Lever spring
(3) Pivot
(4) Release lever
(5) Release bearing
(6) Clutch cover
(7) Clutch disc
(8) Flywheel

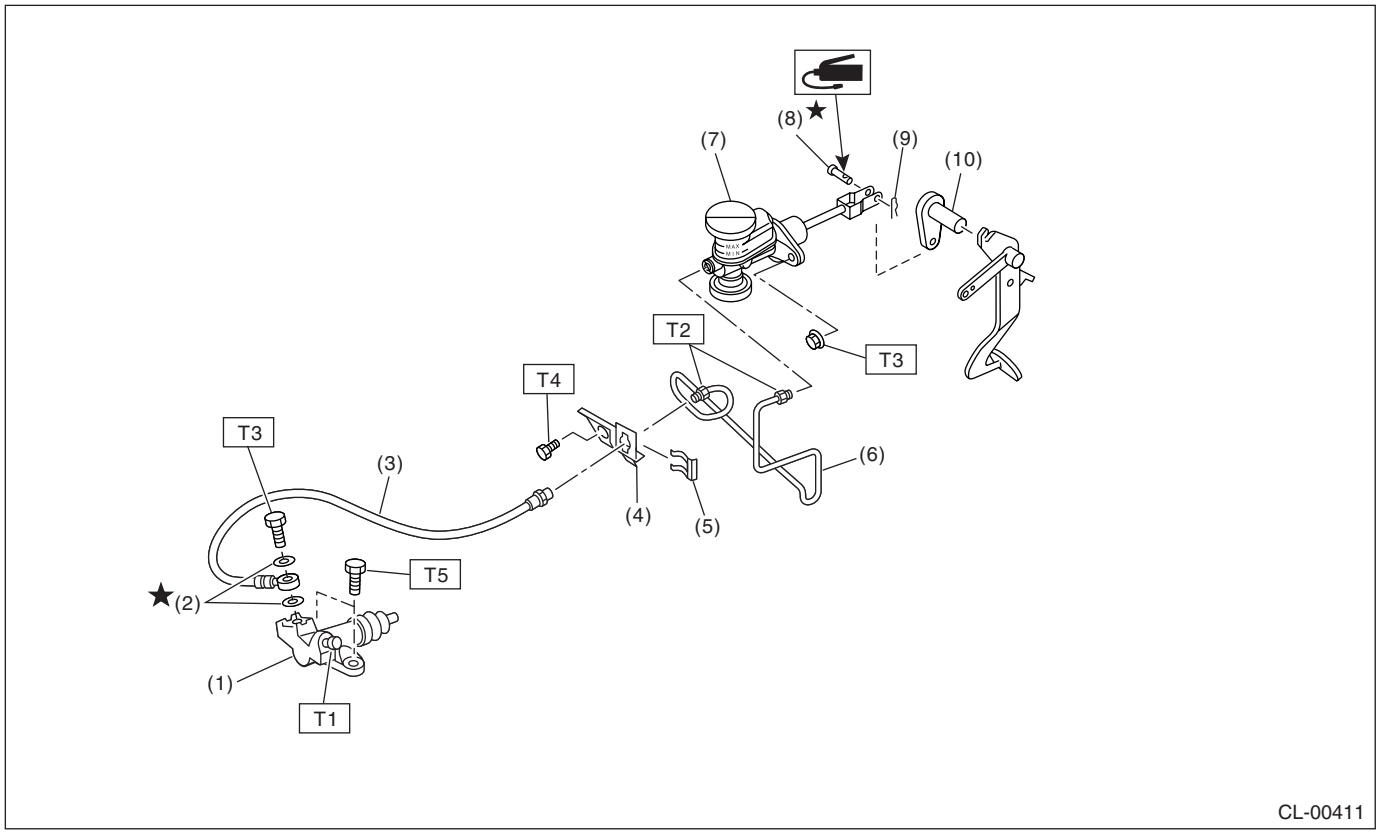
Tightening torque: N·m (kgf-m, ft-lb)
T1: 16 (1.6, 11.6)
T2: 72 (7.3, 52.8)

2. CLUTCH PIPE AND HOSE FOR (NON-TURBO MODEL)



(1)	Operating cylinder	(7)	Master cylinder ASSY	***Tightening torque: N·m (kgf-m, ft-lb)***
(2)	Washer	(8)	Clevis pin	***T1: 8 (0.8, 5.8)***
(3)	Clutch hose	(9)	Snap pin	***T2: 15 (1.5, 10.8)***
(4)	Bracket	(10)	Lever	***T3: 18 (1.8, 13.0)***
(5)	Clip			***T4: 25 (2.5, 18.1)***
(6)	Clutch pipe			***T5: 37 (3.8, 27.5)***

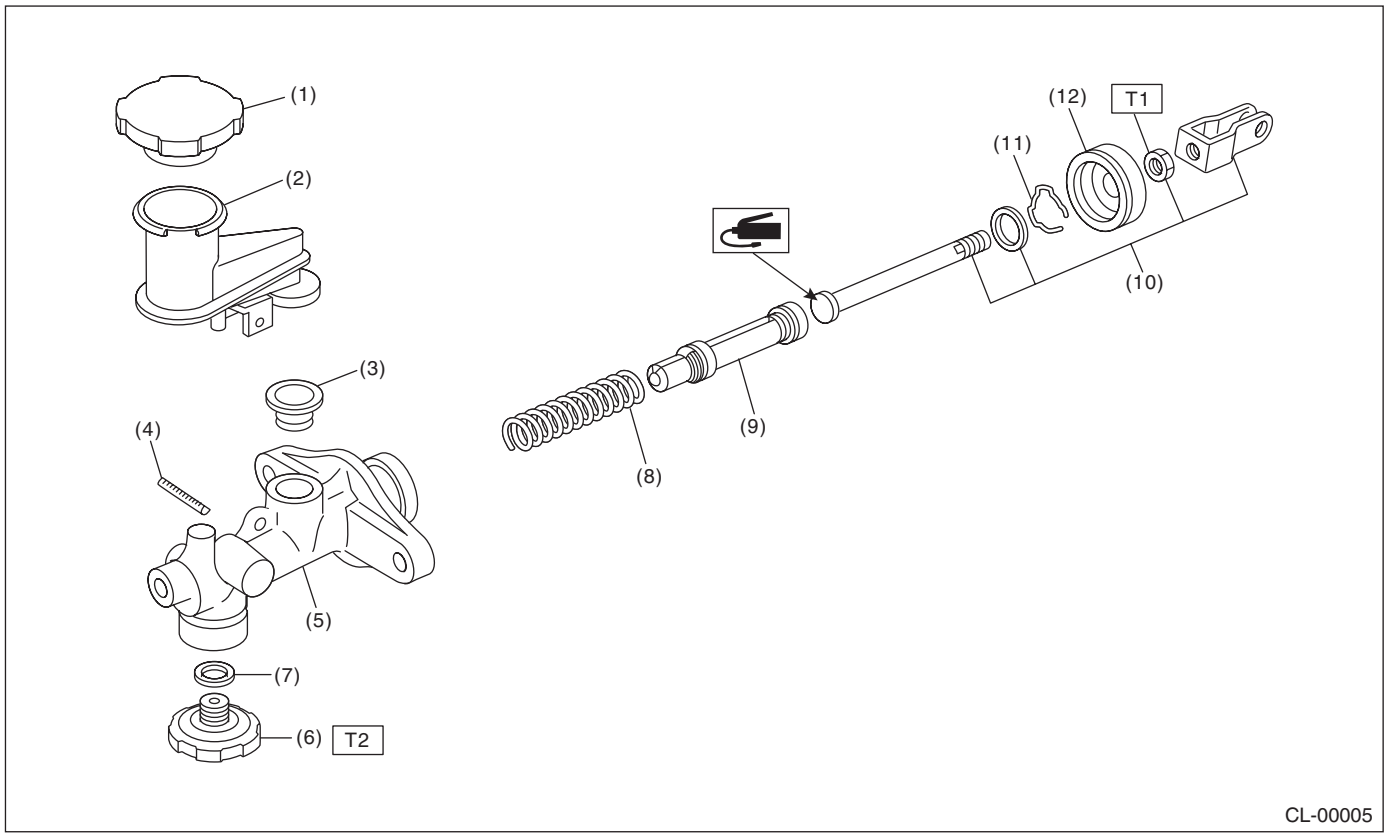
3. CLUTCH PIPE AND HOSE (TURBO MODEL)



(1)	Operating cylinder	(7)	Master cylinder ASSY	***Tightening torque: N·m (kgf-m, ft-lb)***
(2)	Washer	(8)	Clevis pin	***T1: 8 (0.8, 5.8)***
(3)	Clutch hose	(9)	Snap pin	***T2: 15 (1.5, 10.8)***
(4)	Bracket	(10)	Lever	***T3: 18 (1.8, 13.0)***
(5)	Clip			***T4: 25 (2.5, 18.1)***
(6)	Clutch pipe			***T5: 37 (3.8, 27.5)***

4. MASTER CYLINDER

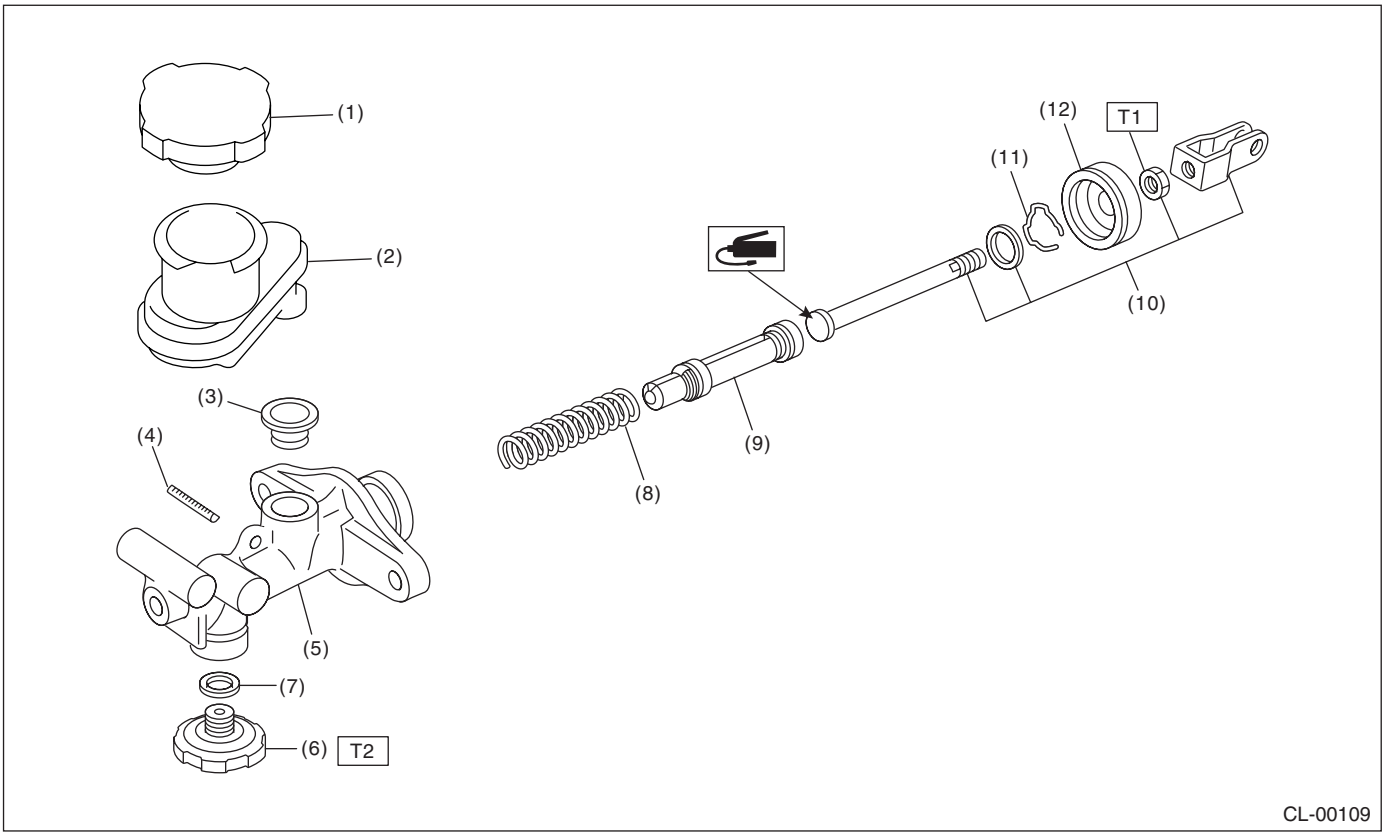
Non-turbo model



(1) Reservoir cap
(2) Reservoir tank
(3) Oil seal
(4) Straight pin
(5) Master cylinder
(6) Clutch damper
(7) Gasket
(8) Return spring
(9) Piston
(10) Push rod
(11) Piston stop ring
(12) Cylinder boot

Tightening torque: N·m (kgf-m, ft-lb)
T1: 10 (1.0, 7)
T2: 46.6 (4.75, 34.4)

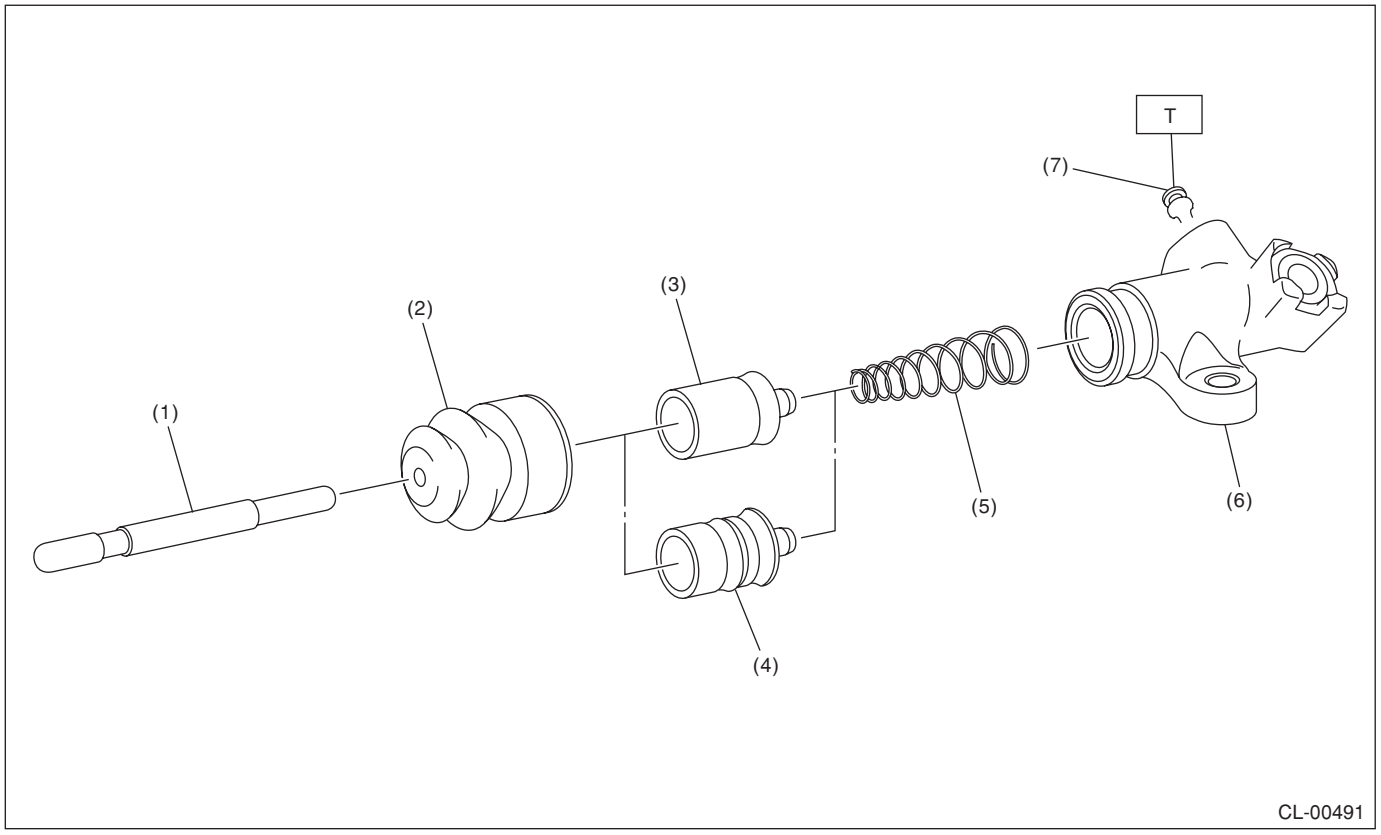
Turbo model



(1)	Reservoir cap	(7)	Gasket
(2)	Reservoir tank	(8)	Return spring
(3)	Oil seal	(9)	Piston
(4)	Straight pin	(10)	Push rod
(5)	Master cylinder	(11)	Piston stop ring
(6)	Clutch damper	(12)	Cylinder boot

Tightening torque: N·m (kgf-m, ft-lb)
T1: 10 (1.0, 7.2)
T2: 46.6 (4.75, 34.4)

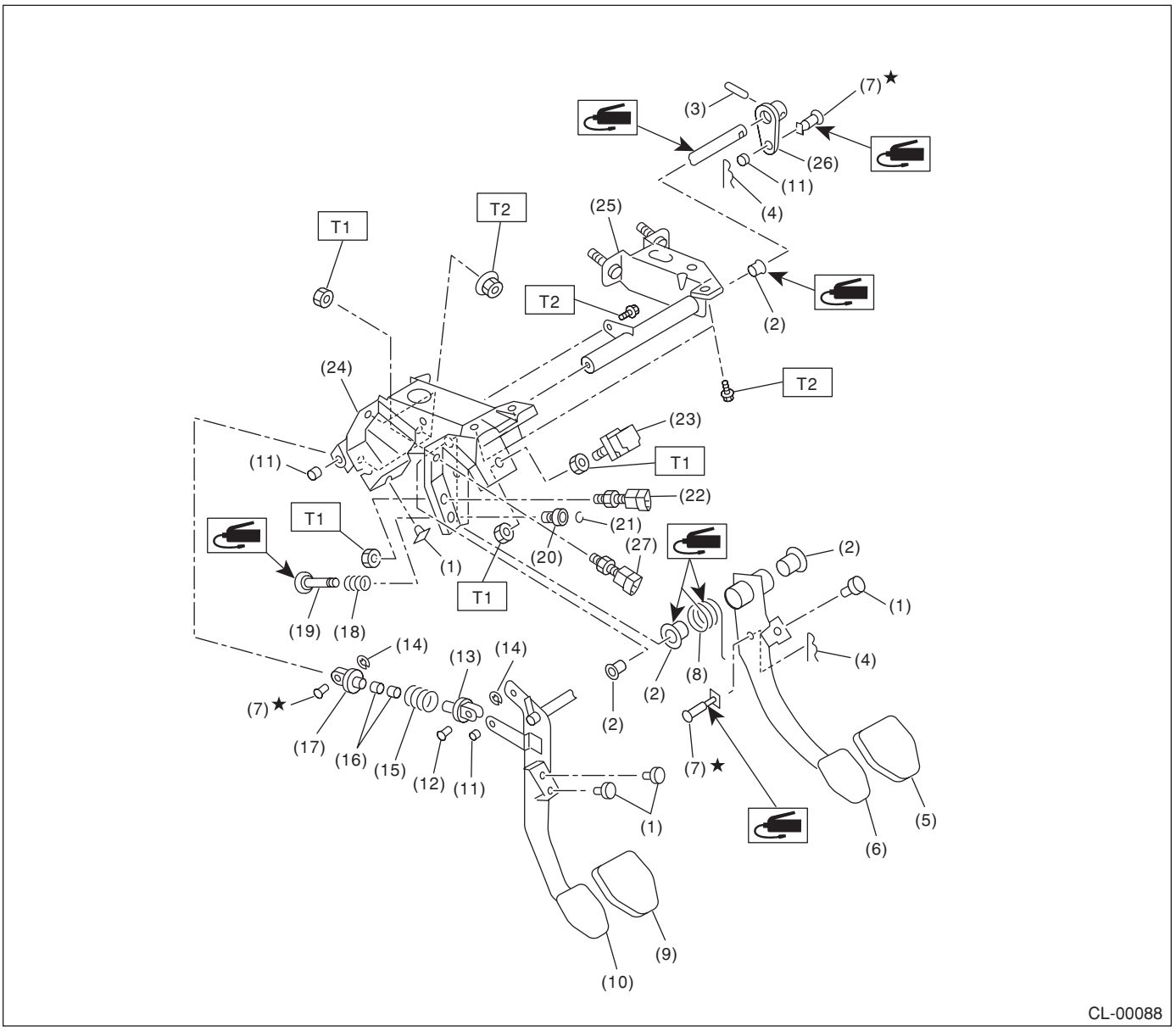
5. OPERATING CYLINDER



(1) Push rod
(2) Boot
(3) Piston (Non-turbo model)
(4) Piston (Turbo model)
(5) Piston spring
(6) Operating cylinder
(7) Bleeder screw

Tightening torque: N·m (kgf-m, ft-lb)
T: 8 (0.8, 5.8)

6. CLUTCH PEDAL



(1) Stopper
(2) Bushing
(3) Spring pin
(4) Snap pin
(5) Brake pedal pad
(6) Brake pedal
(7) Clevis pin
(8) Brake pedal spring
(9) Clutch pedal pad
(10) Clutch pedal
(11) Bushing C
(12) Clutch clevis pin
(13) Assist rod A
(14) Clip
(15) Assist spring
(16) Assist bushing
(17) Assist rod B
(18) Spring S
(19) Rod S
(20) Bushing S
(21) Clip
(22) Clutch switch
(23) Stop light switch
(24) Pedal bracket
(25) Clutch master cylinder bracket
(26) Lever
(27) Clutch switch (Clutch start)

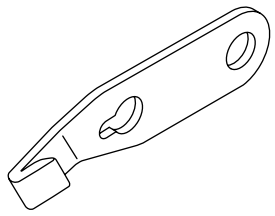
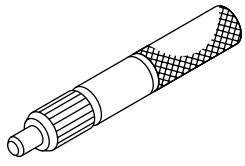
Tightening torque: N·m (kgf-m, ft-lb)
T1: 8 (0.8, 5.8)
T2: 18 (1.8, 13.0)

C: 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.
- Use SUBARU genuine fluid, grease etc. or equivalent. Do not mix fluid, grease, etc. with that of another grade or from other manufacturers.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or rigid racks at the specified points.
- Apply grease onto sliding or revolution surfaces before installation.
- Before installing O-rings or snap rings, apply sufficient amount of fluid to avoid damage and deformation.
- Before securing a part on a vise, set cushioning material such as wood blocks, aluminum plate, or shop cloth between the part and the vise.
- Keep fluid away from the body. If any fluid contacts the vehicle body, immediately flush the area with water.

D: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST-498497100	498497100	CRANKSHAFT STOPPER	Used for stopping rotation of the flywheel when loosening/tightening bolts, etc.
 ST-499747100	499747100	CLUTCH DISC GUIDE	Used when installing the clutch disc to the flywheel.

2. GENERAL TOOL

DESCRIPTION	REMARKS
Circuit tester	Used for measuring resistance, voltage and ampere.
Dial gauge	Used for measuring clutch disk run-out.
Depth gauge	Used for measuring clutch disk wear.