1. General Description

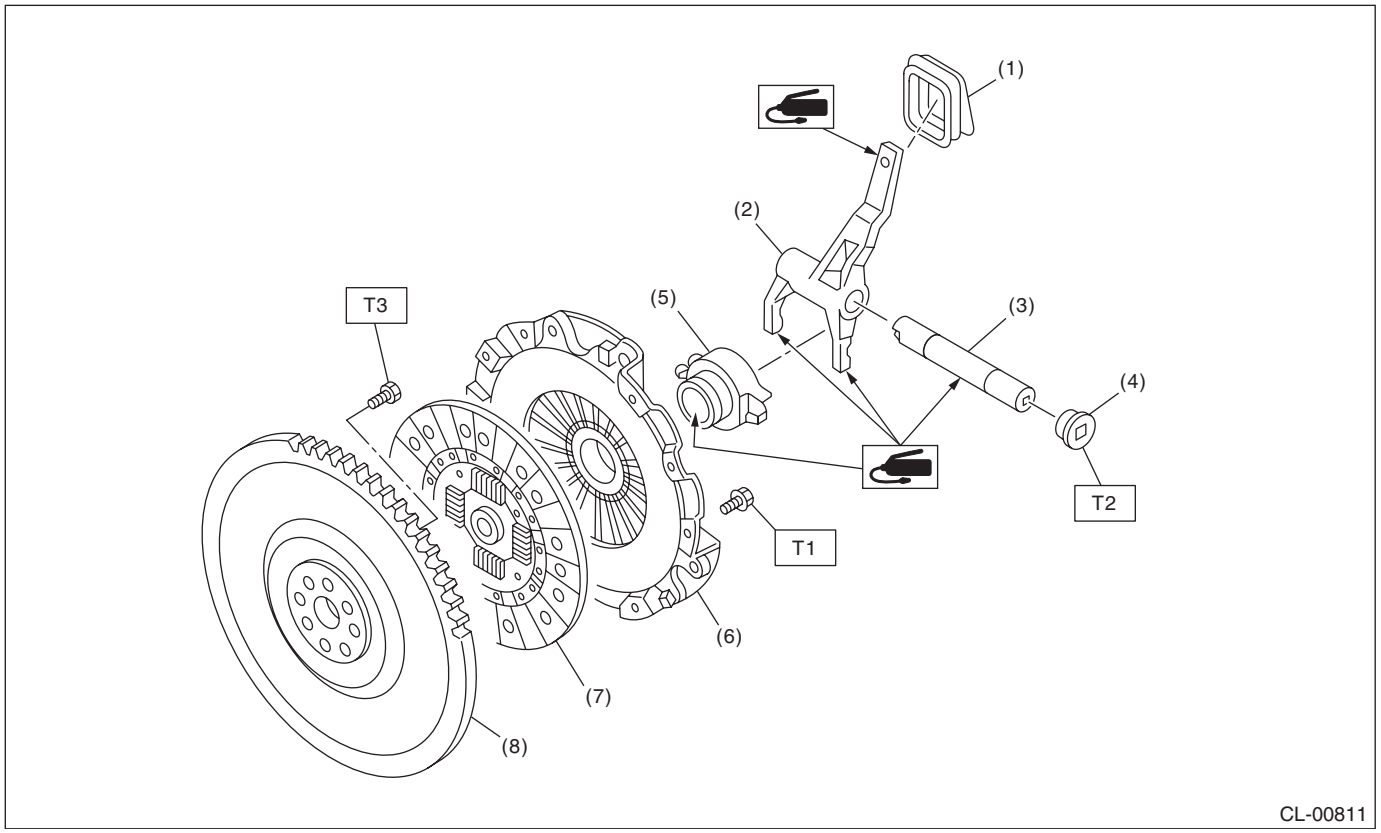
A: SPECIFICATION

Model			STI	Except for STI
Transmission type			6MT	5MT
Clutch cover	Type		Pull type	Push type
	Diaphragm set load N (kgf, lbf)		9,120 (930, 2051)	7,450 (760, 1,675)
Clutch disc	Facing material		Woven (Non-asbestos)	
	O.D. × I.D. × thickness mm (in)	Clutch cover side	240 × 160 × 3.5 (9.45 × 6.30 × 0.138)	230 × 155 × 3.5 (9.06 × 6.10 × 0.138)
		Flywheel side	240 × 160 × 3.2 (9.45 × 6.30 × 0.126)	230 × 155 × 3.2 (9.06 × 6.10 × 0.126)
	Spline outer diameter mm (in)		25.2 (0.992), (Number of teeth: 24)	
	Depth of rivet head mm (in)	Clutch cover side	1.65 — 2.25 (0.065 — 0.089)	
		Flywheel side	1.35 — 1.95 (0.053 — 0.077)	
		Limit of sinking	0.8 (0.031)	
	Deflection limit mm (in)		0.7 (0.028) at R = 115 (4.53)	0.7 (0.028) at R = 110 (4.33)
Release bearing			Grease-packed self-aligning	
Clutch pedal	Full stroke mm (in)		130 — 135 (5.12 — 5.31)	135 — 140 (5.31 — 5.51)
	Free play mm (in)		5 — 11 (0.20 — 0.43)	
Flywheel	Type		Conventional	Flexible

B: COMPONENT

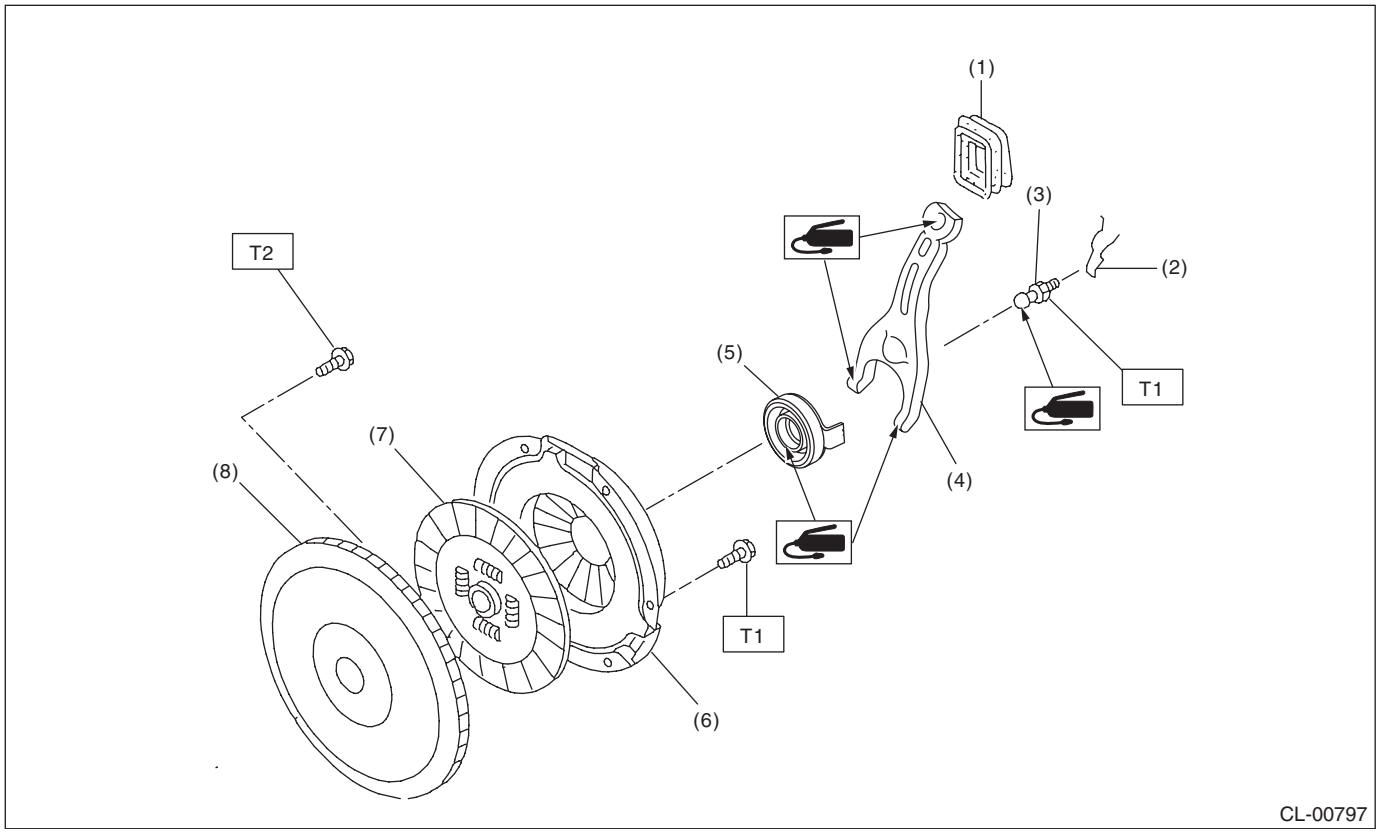
1. CLUTCH ASSEMBLY

- STI model



(1)	Dust cover	(5)	Release bearing	***Tightening torque: N·m (kgf-m, ft-lb)***
(2)	Release lever	(6)	Clutch cover	***T1: 16 (1.6, 11.8)***
(3)	Clutch release lever shaft	(7)	Clutch disc	***T2: 48 (4.9, 35.4)***
(4)	Plug	(8)	Conventional flywheel	***T3: 75 (7.6, 55.3)***

- Except for STI model

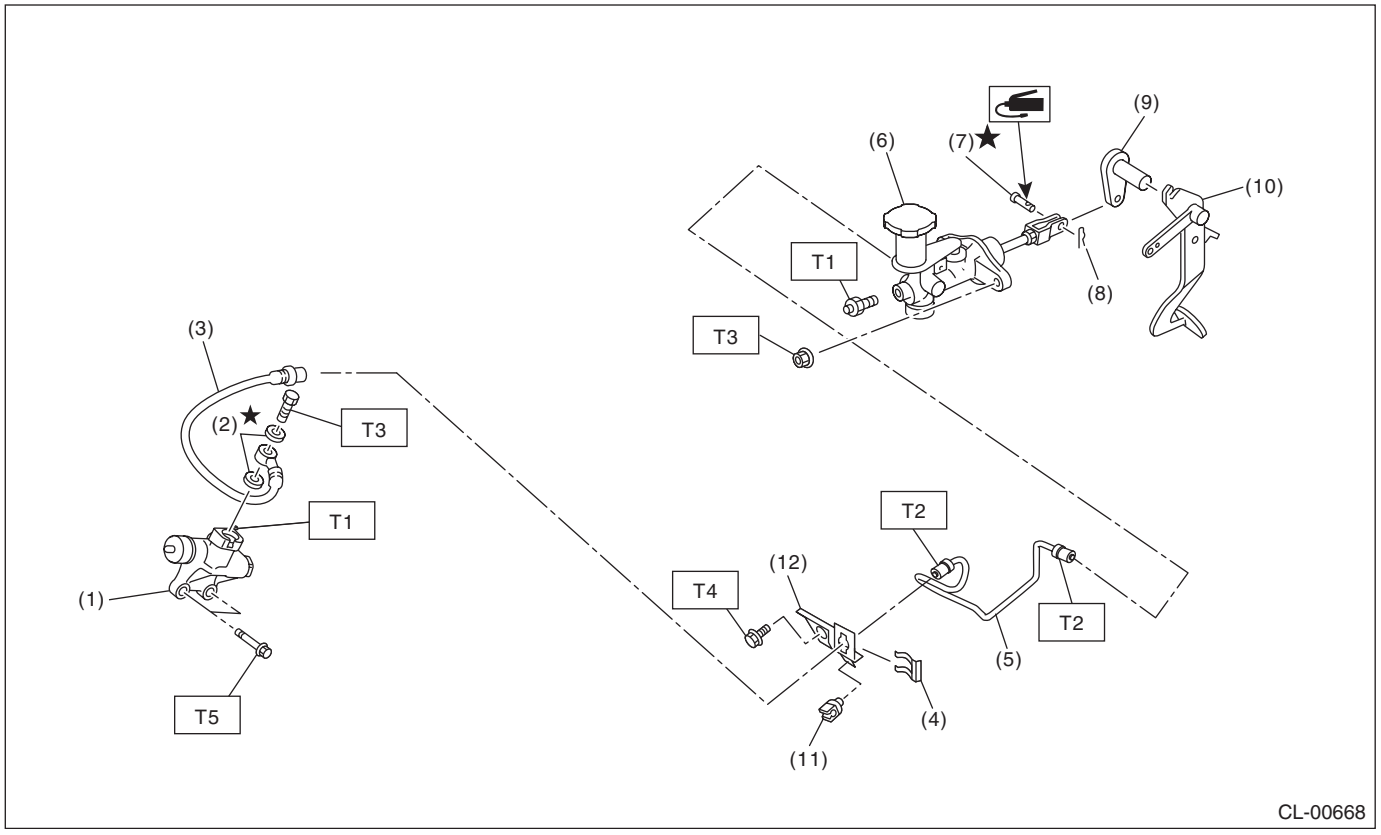


(1) Dust cover
(2) Lever spring
(3) Pivot
(4) Release lever
(5) Release bearing
(6) Clutch cover
(7) Clutch disc
(8) Flywheel

Tightening torque: N·m (kgf-m, ft-lb)
T1: 16 (1.6, 11.8)
T2: 75 (7.6, 55.3)

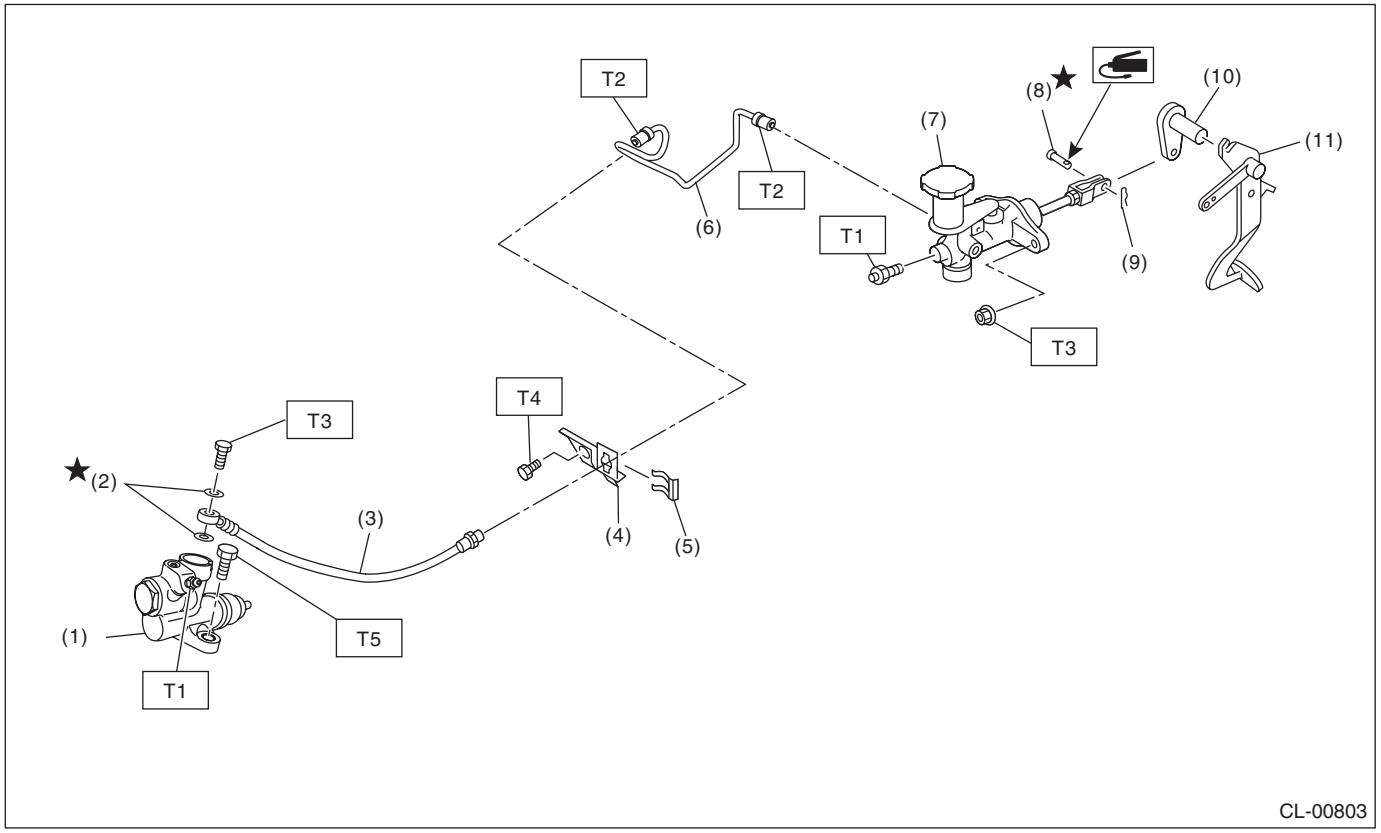
2. CLUTCH PIPE AND HOSE

- STI model



(1)	Operating cylinder	(7)	Clevis pin	***Tightening torque: N·m (kgf-m, ft-lb)***
(2)	Washer	(8)	Snap pin	***T1: 7.8 (0.8, 5.8)***
(3)	Clutch hose	(9)	Lever	***T2: 15 (1.5, 11.1)***
(4)	Clip	(10)	Pedal	***T3: 18 (1.8, 13.3)***
(5)	Clutch pipe	(11)	Clamp	***T4: 25 (2.5, 18.4)***
(6)	Master cylinder ASSY	(12)	Bracket	***T5: 41 (4.2, 30.2)***

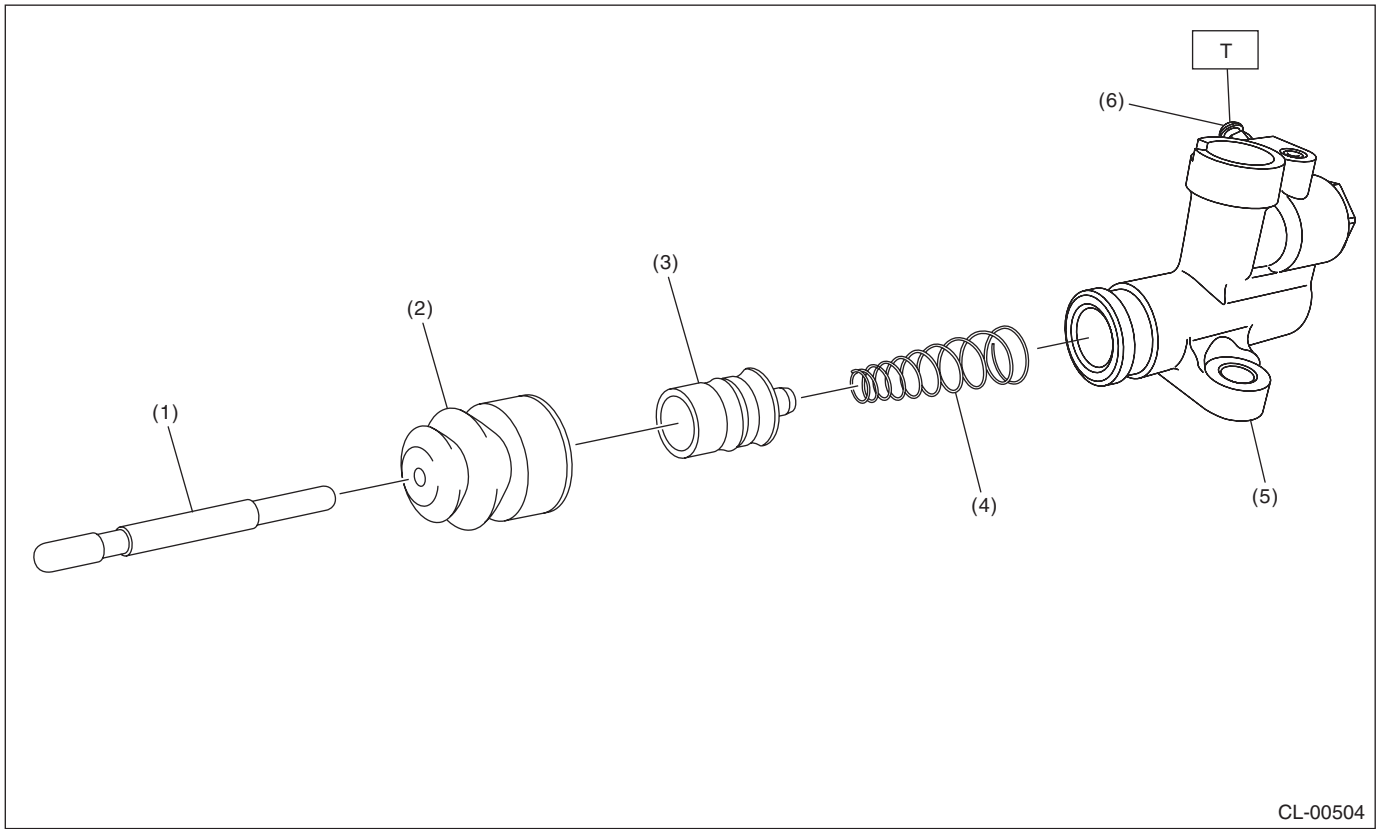
- Except for STI model



(1)	Operating cylinder	(7)	Master cylinder ASSY	***Tightening torque: N·m (kgf-m, ft-lb)***
(2)	Washer	(8)	Clevis pin	***T1: 7.8 (0.8, 5.8)***
(3)	Clutch hose	(9)	Snap pin	***T2: 15 (1.5, 11.1)***
(4)	Bracket	(10)	Lever	***T3: 18 (1.8, 13.3)***
(5)	Clip	(11)	Pedal	***T4: 25 (2.5, 18.4)***
(6)	Clutch pipe			***T5: 37 (3.8, 27.3)***

3. OPERATING CYLINDER

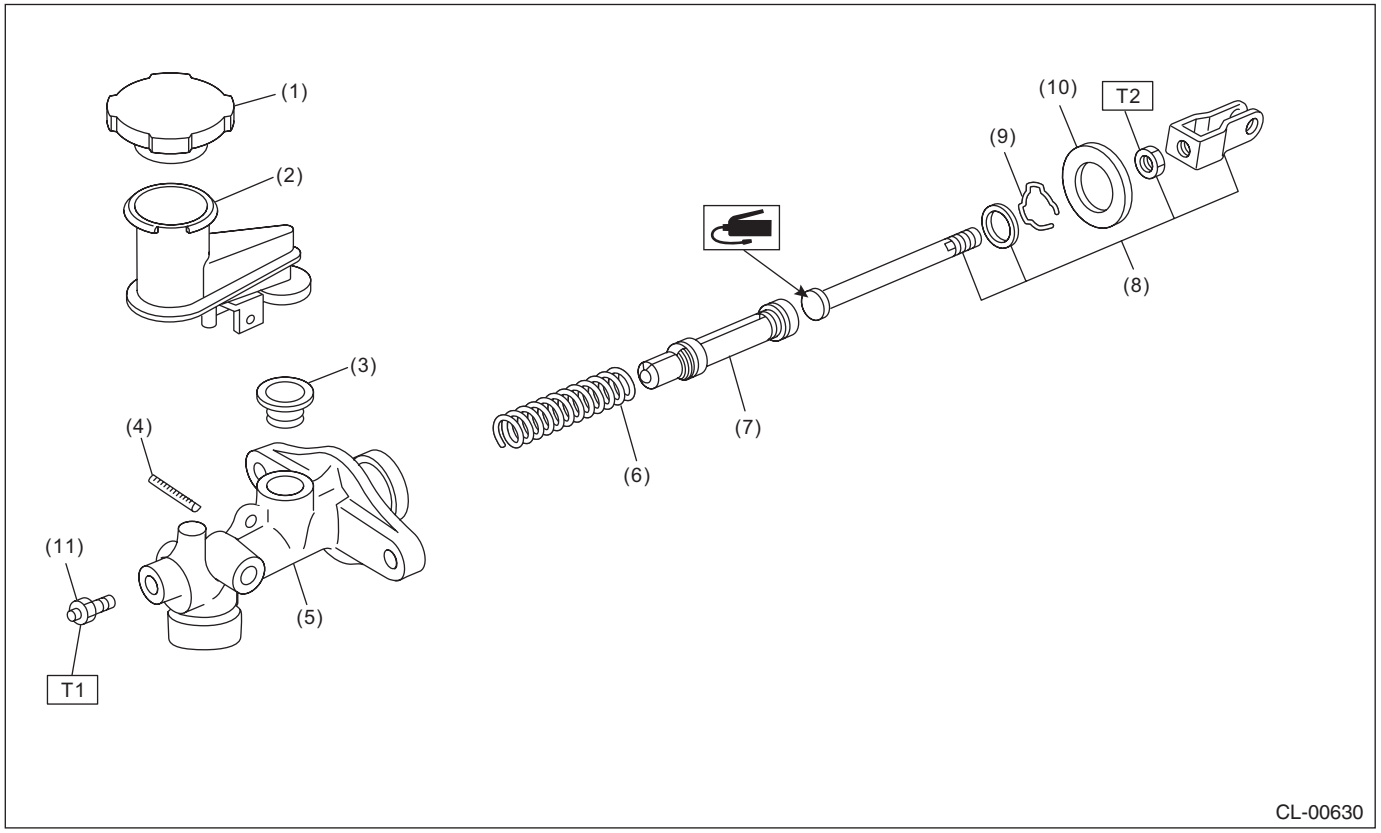
- Except for STI model



(1) Push rod
(2) Boot
(3) Piston
(4) Piston spring
(5) Operating cylinder
(6) Breather screw

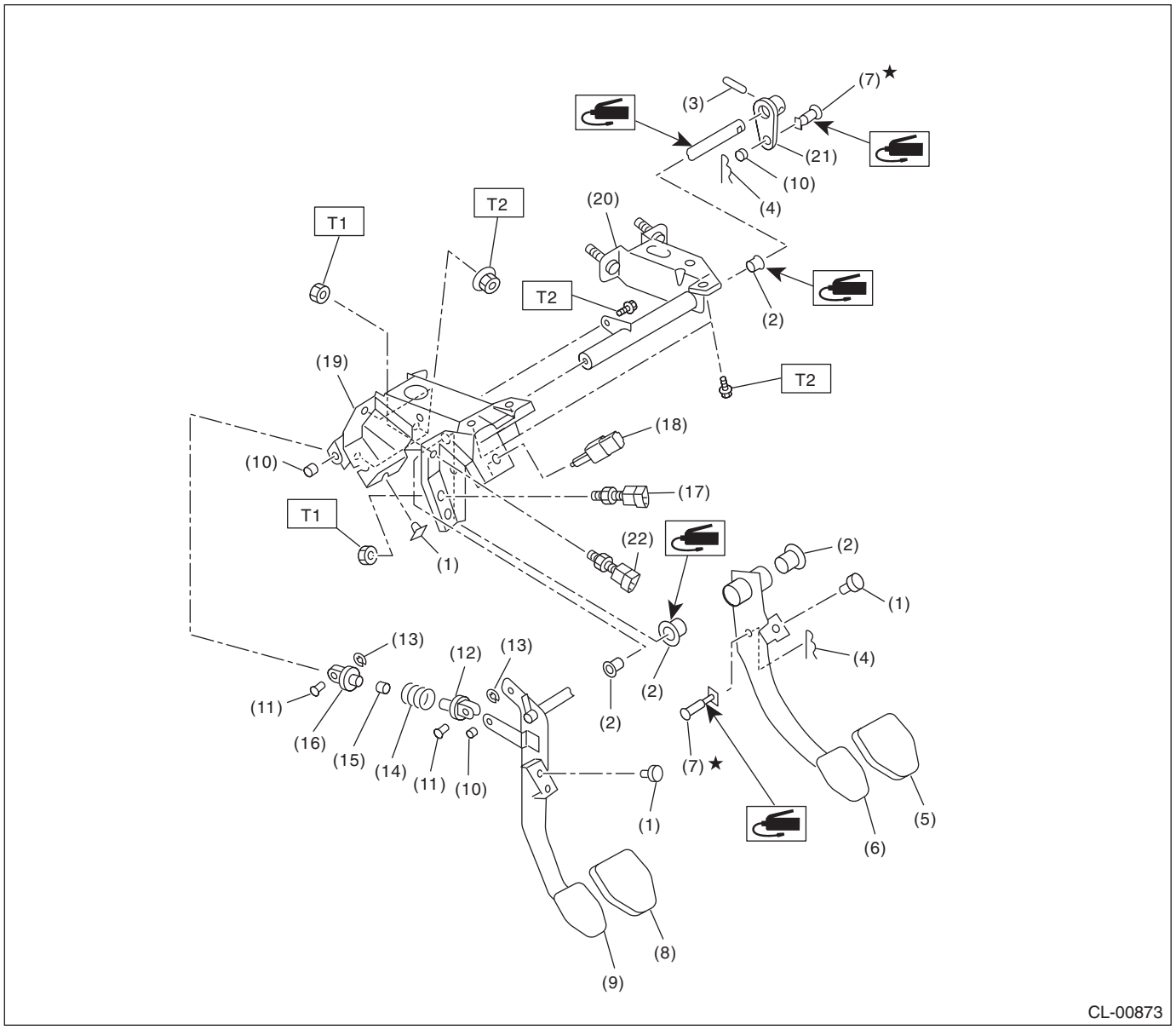
Tightening torque: N·m (kgf-m, ft-lb)
T: 7.8 (0.8, 5.8)

4. MASTER CYLINDER



(1)	Reservoir cap	(6)	Return spring	(11)	Breather screw
(2)	Reservoir tank	(7)	Piston		
(3)	Oil seal	(8)	Push rod ASSY	***Tightening torque: N·m (kgf-m, ft-lb)***	
(4)	Straight pin	(9)	Piston stop ring	***T1: 7.8 (0.8, 5.8)***	
(5)	Master cylinder	(10)	Seat	***T2: 10 (1.0, 7.4)***	

5. CLUTCH PEDAL



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

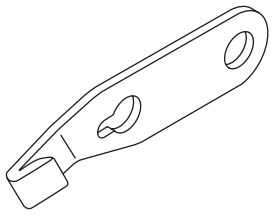
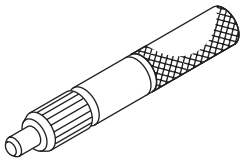
Tightening torque: N·m (kgf-m, ft-lb)
T1: 8 (0.8, 5.9)
T2: 18 (1.8, 13.3)

C: 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.
- Use SUBARU genuine fluid, grease etc. or equivalent. Do not mix fluid, grease, etc. of different grades or 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 revolving surfaces before installation.
- Before installing O-rings or snap rings, apply sufficient amount of fluid to avoid damage and deformation.
- Before securing a part in a vise, place cushioning material such as wood blocks, aluminum plate or cloth between the part and the vise.
- Keep fluid away from the vehicle 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.
 ST-499747100	499747100	CLUTCH DISC GUIDE	Used for installing the clutch disc to the flywheel.

2. GENERAL TOOL

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