1. General Description

A: SPECIFICATION

Front disc brake	Size		15-inch type
	Type		Disc (Floating type, ventilated)
	Effective disc diameter	mm (in)	228 (8.98)
	Disc thickness × Diameter	mm (in)	24 × 277 (0.94 × 10.91)
	Effective cylinder diameter	mm (in)	42.8 (1.685) × 2
	Pad dimensions (Length × Width × Thickness)	mm (in)	117.8 × 50.5 × 11.0 (4.638 × 1.988 × 0.433)
	Clearance adjustment		Automatic adjustment
Rear disc brake	Size		15-inch type
	Type		Disc (Floating type, solid)
	Effective disc diameter	mm (in)	238 (9.37)
	Disc thickness × Diameter	mm (in)	10 × 274 (0.39 × 10.79)
	Effective cylinder diameter	mm (in)	38.1 (1.500)
	Pad dimensions (Length × Width × Thickness)	mm (in)	92.0 × 33.0 × 9.0 (3.622 × 1.299 × 0.354)
	Clearance adjustment		Automatic adjustment
Master cylinder	Type		Tandem
	Effective diameter	mm (in)	23.8 (15/16)
	Reservoir type		Sealed type
	Brake fluid reservoir capacity	cm^3 (cu in)	240 (12.51)
Brake booster	Type		Vacuum suspended
	Effective diameter	mm (in)	208 + 229 (8.19 + 9.02)
Brake line			Dual circuit system
Brake fluid			FMVSS No. 116, DOT3, or DOT4 **CAUTION:** **• Avoid mixing brake fluid of different brands to prevent fluid performance from degrading.** **• When filling with brake fluid, be careful not to allow any dust to enter the reservoir.** **• Use new SUBARU genuine brake fluid when replacing or re-filling the fluid.**

NOTE:
Refer to “PARKING BRAKE” for parking brake specifications. <Ref. to PB-2, SPECIFICATION, General Description.>

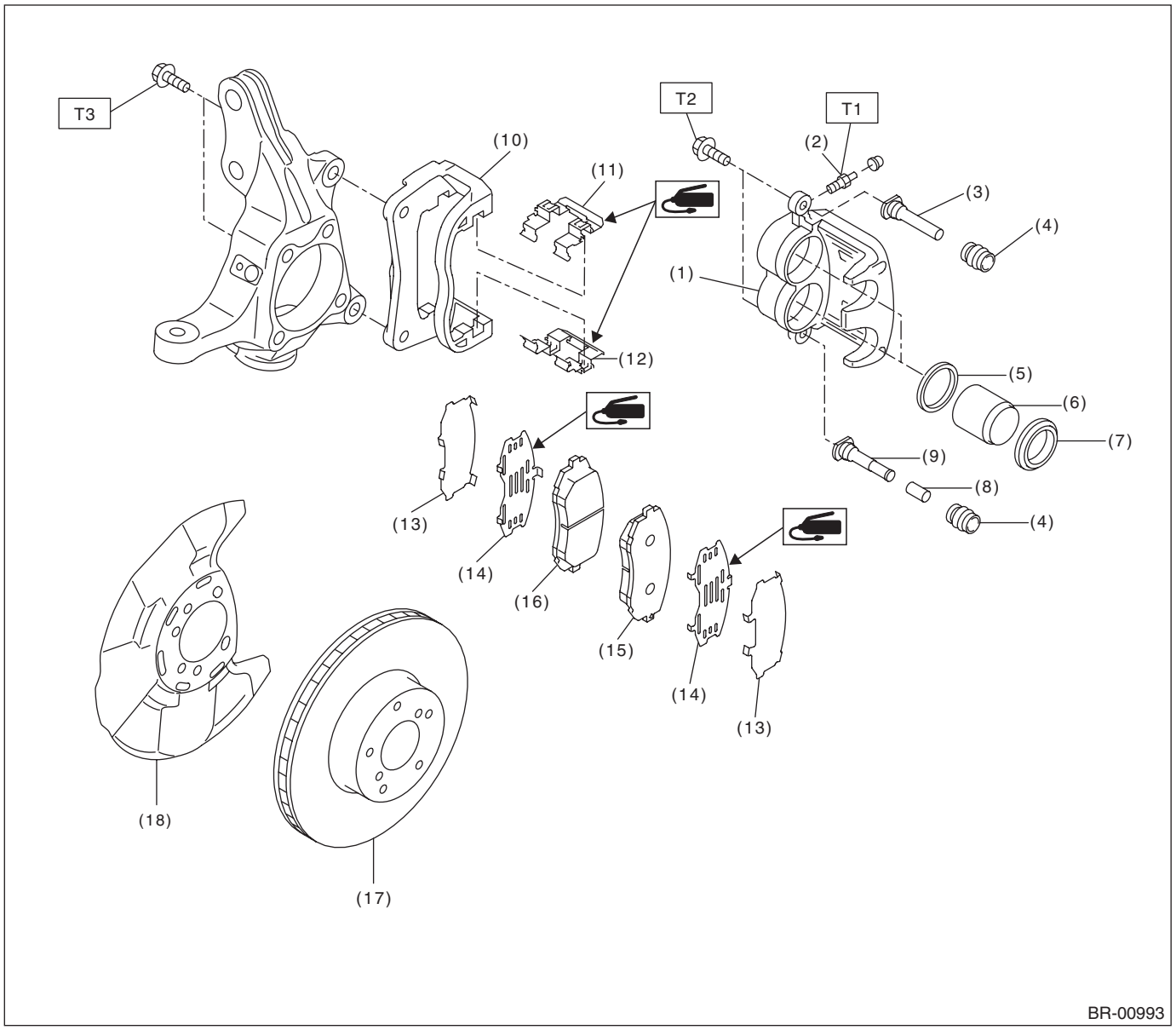
Item			Standard	Limit
Front brake	Pad thickness	15-inch type mm (in)	11 (0.43)	1.5 (0.059)
	Disc thickness	15-inch type mm (in)	24 (0.94)	22 (0.87)
	Disc runout	mm (in)	—	0.05 (0.0020)
Rear brake (disc type)	Pad thickness mm (in)	Solid disc	9.0 (0.354)	1.5 (0.059)
	Disc thickness mm (in)	Solid disc	10 (0.39)	8.5 (0.335)
	Disc runout	mm (in)	—	0.05 (0.0020)
Parking brake	Inside diameter	mm (in)	170 (6.69)	171 (6.73)
	Lining thickness	mm (in)	3.5 (0.14)	1.5 (0.059)

		Brake pedal force N (kgf, lbf)	Fluid pressure kPa (kgf/cm^2, psi)
Brake booster	Brake fluid pressure with engine stopped	147 (15, 33)	553 (5, 77)
		294 (30, 66)	1,551 (16, 225)
	Brake fluid pressure with engine running and vacuum pressure at 66.7 kPa (500 mmHg, 19.69 inHg)	147 (15, 33)	6,177 (63, 896)
		294 (30, 66)	11,273 (115, 1,635)

Brake pedal	Free play mm (in)	0.5 — 2 (0.020 — 0.079) [When pulling the brake pedal upward with a force of less than 10 N (1 kgf, 2 lbf)]

B: COMPONENT

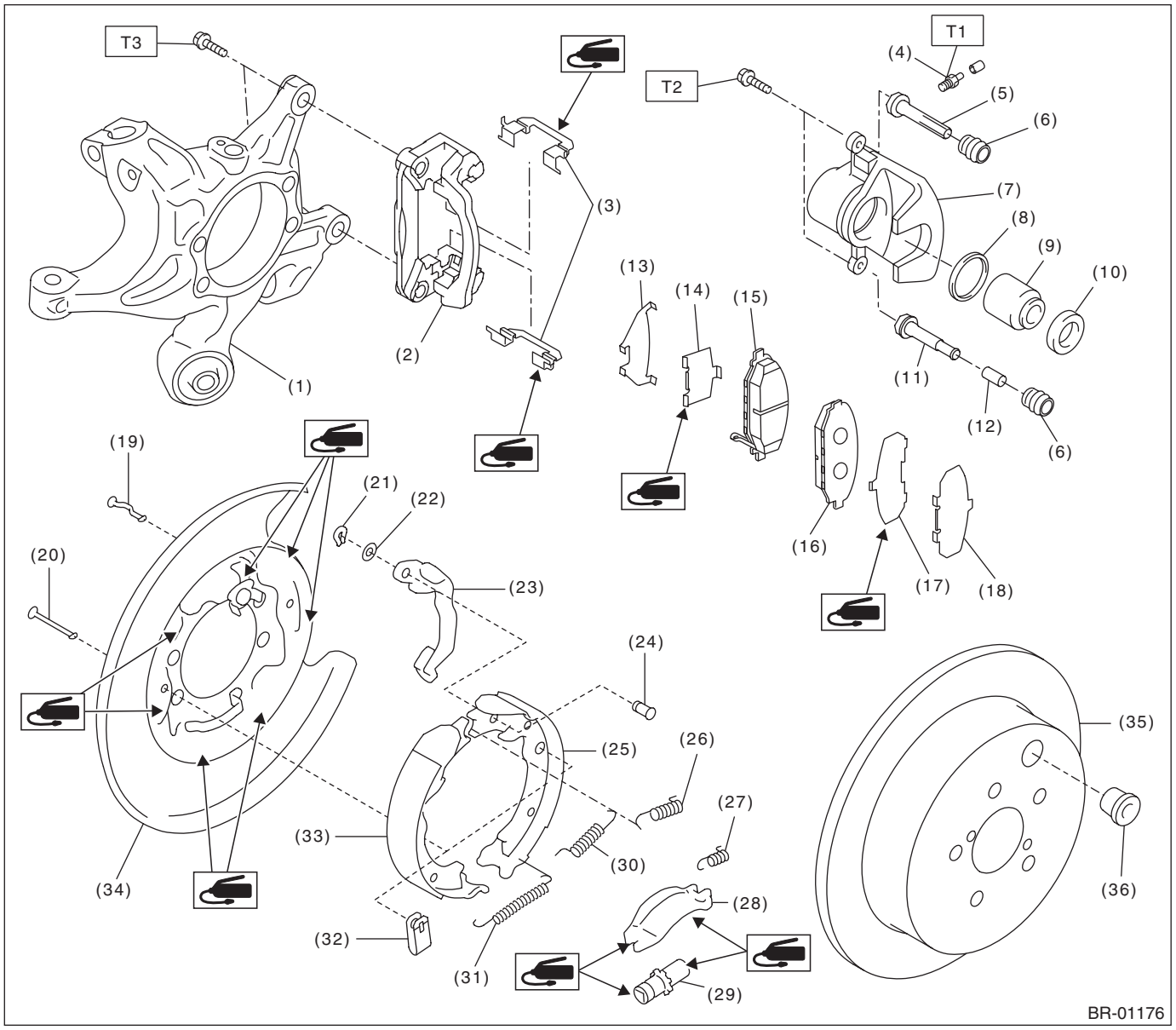
1. FRONT DISC BRAKE



(1) Caliper body
(2) Bleeder - screw
(3) Guide pin - front brake (black)
(4) Pin boot
(5) Piston seal
(6) Piston - disc brake
(7) Piston boot
(8) Lock pin - sleeve
(9) Lock pin - front brake (silver)
(10) Support - front disc brake
(11) Pad clip - upper
(12) Pad clip - lower
(13) Shim - disc brake front outer
(14) Shim - disc brake front inner
(15) Pad - disc brake front outer
(16) Pad - disc brake front inner
(17) Disc rotor
(18) Back plate - front brake

Tightening torque:N·m (kgf-m, ft-lb)	
T1:	*8 (0.82, 5.9)*
T2:	*27 (2.75, 19.9)*
T3:	*80 (8.16, 59)*

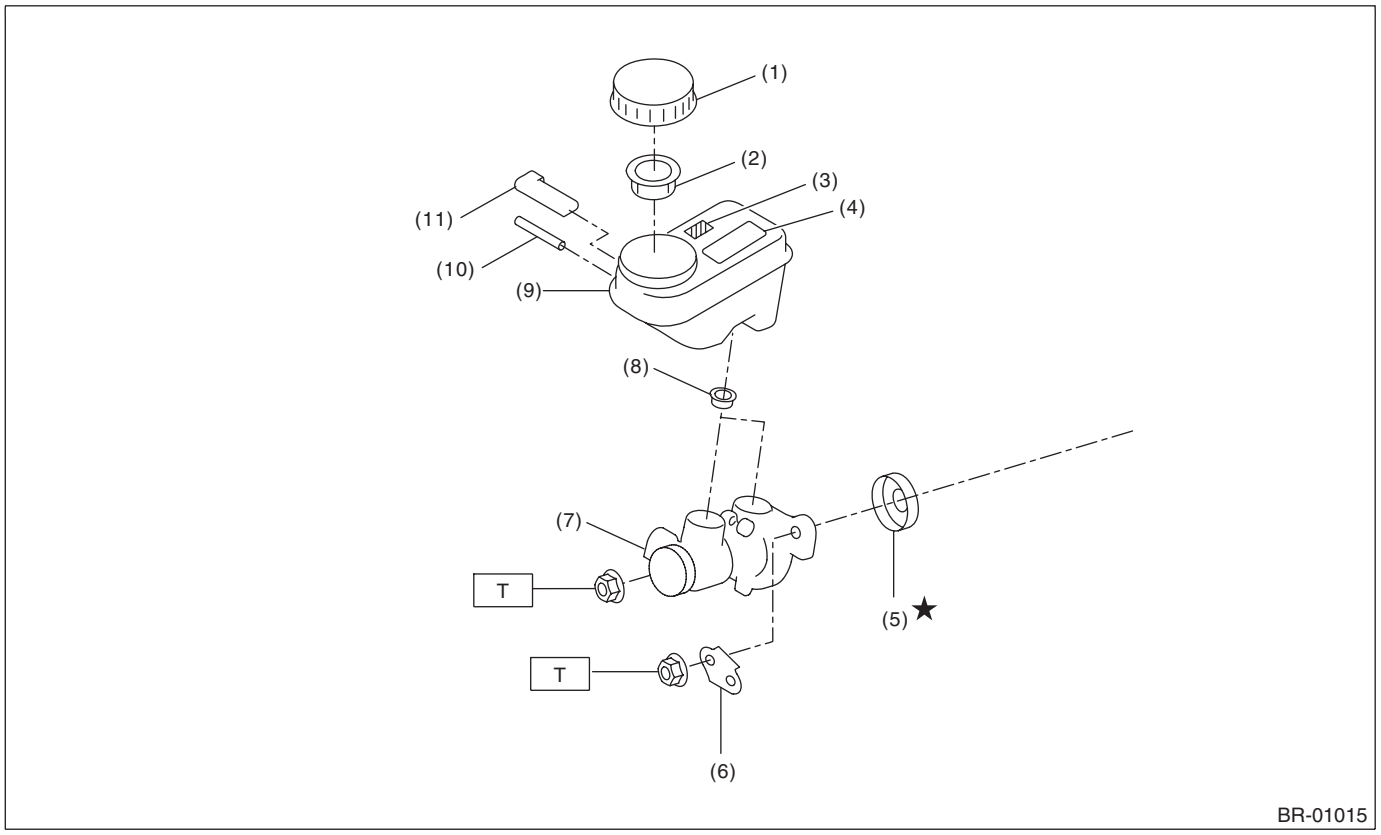
2. REAR DISC BRAKE



(1) Housing ASSY - rear axle
(2) Support - rear disc brake
(3) Pad clip - rear brake
(4) Bleeder - screw
(5) Guide pin - rear brake (black)
(6) Pin boot
(7) Caliper body
(8) Piston seal
(9) Piston - disc brake
(10) Piston boot
(11) Lock pin - rear brake (silver)
(12) Lock pin - sleeve
(13) Shim - disc brake rear outer
(14) Shim - disc brake rear inner
(15) Pad - disc brake rear inner
(16) Pad - disc brake rear outer
(17) Shim - disc brake rear inner
(18) Shim - disc brake rear outer
(19) Pin - secondary shoe hold-down
(20) Pin - primary shoe hold-down
(21) Retainer - rear brake
(22) Spring washer - rear brake
(23) Parking lever - rear
(24) Pin - parking lever
(25) Parking brake shoe (Secondary)
(26) Spring - secondary shoe return
(27) Spring - strut
(28) Strut - brake
(29) Adjuster ASSY - rear brake
(30) Spring - primary shoe return
(31) Spring - adjuster
(32) Cup - shoe hold-down
(33) Parking brake shoe (Primary)
(34) Back plate - rear brake
(35) Disc rotor (Solid type)
(36) Adjusting hole cover

Tightening torque:N·m (kgf-m, ft-lb)
T1: 8 (0.82, 5.9)
T2: 27 (2.75, 19.9)
T3: 66 (6.73, 48.7)

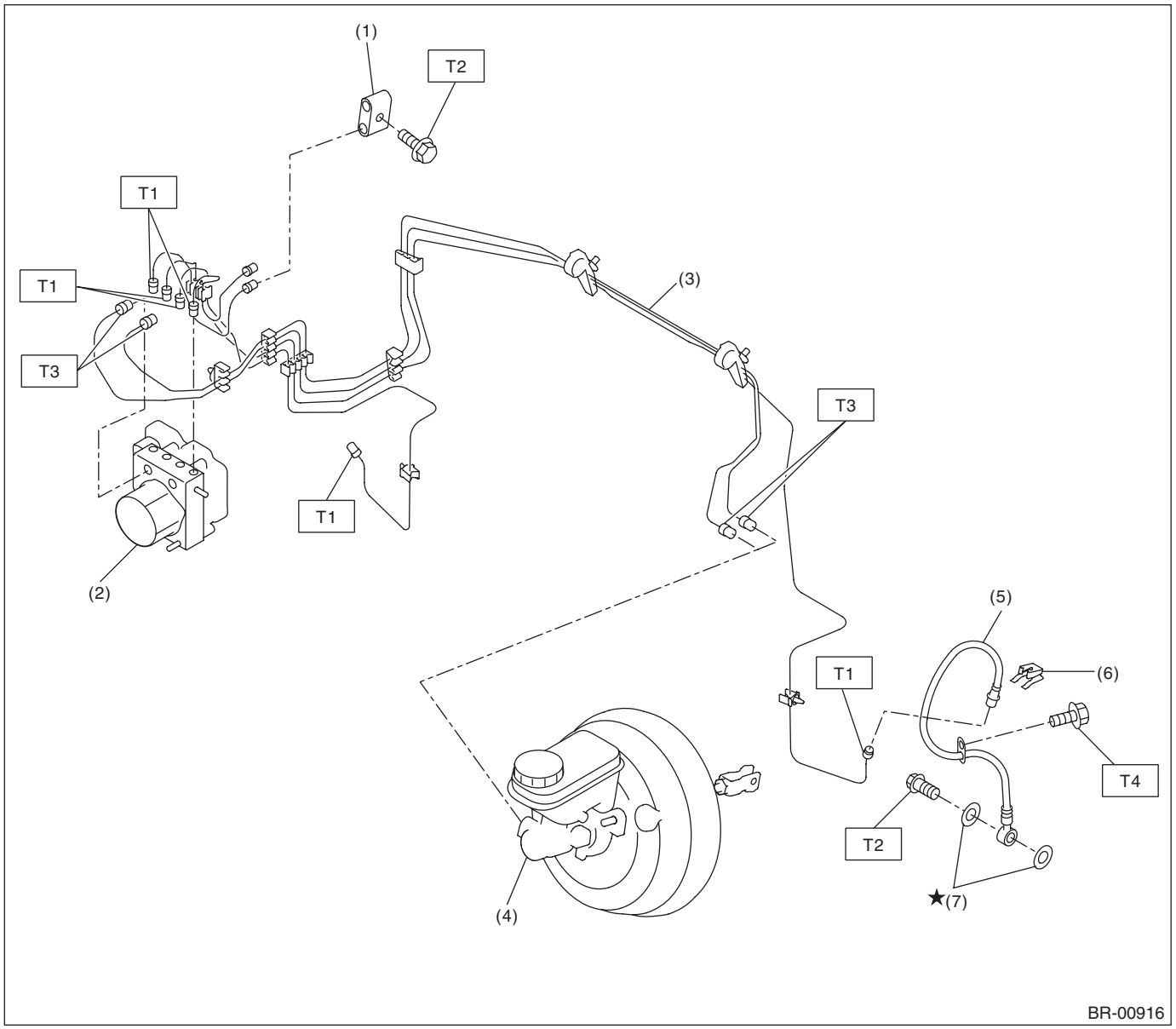
3. MASTER CYLINDER



(1) Cap - reservoir tank
(2) Filter - master cylinder
(3) Label (model with label)
(4) Caution label (model with caution label)
(5) Seal sub ASSY
(6) Bracket - master cylinder
(7) Cylinder body ASSY
(8) Seal
(9) Reservoir tank
(10) Pin
(11) Level - indicator

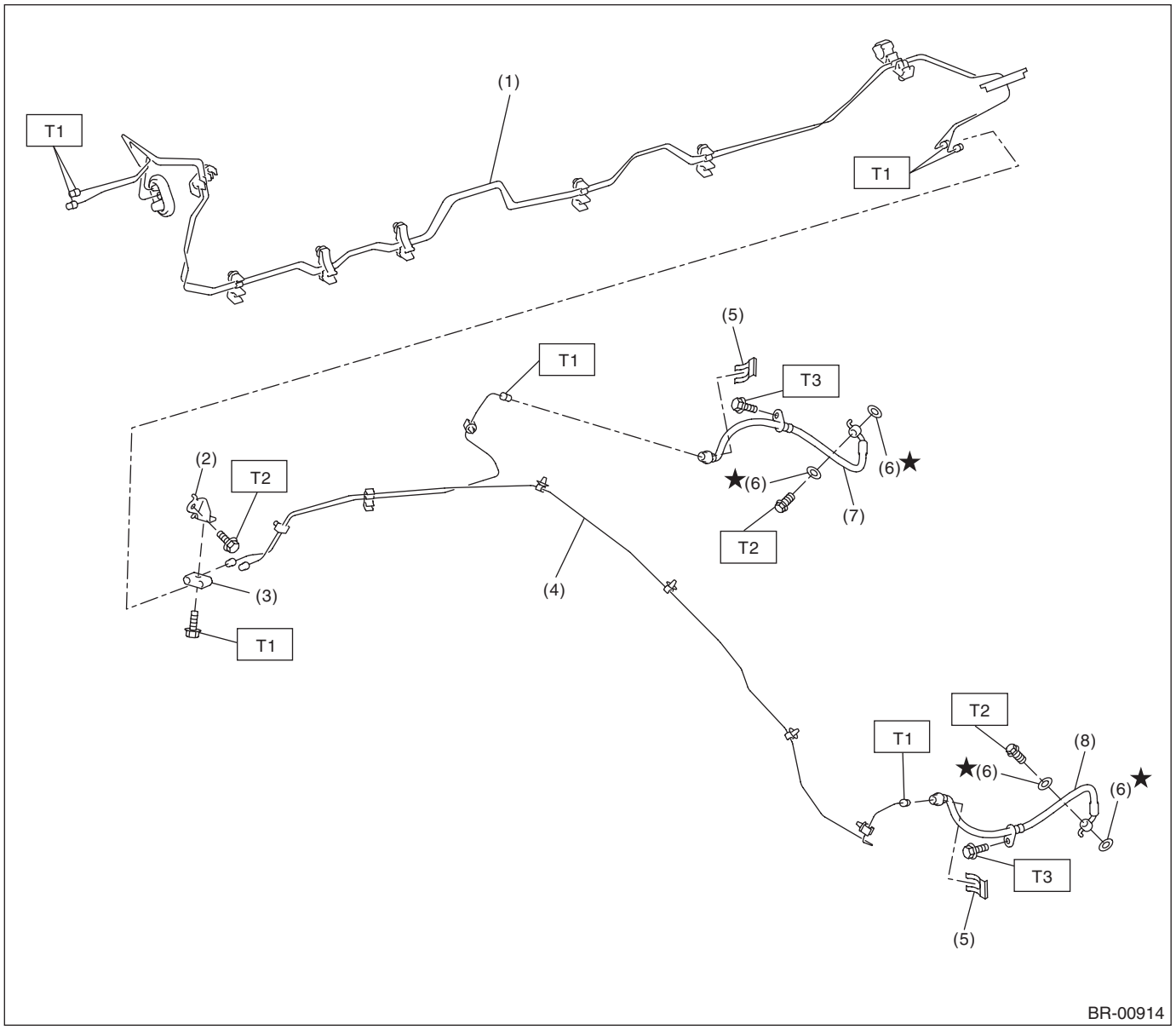
Tightening torque:N·m (kgf-m, ft-lb)
T: 13 (1.33, 9.6)

4. FRONT BRAKE PIPES AND HOSES



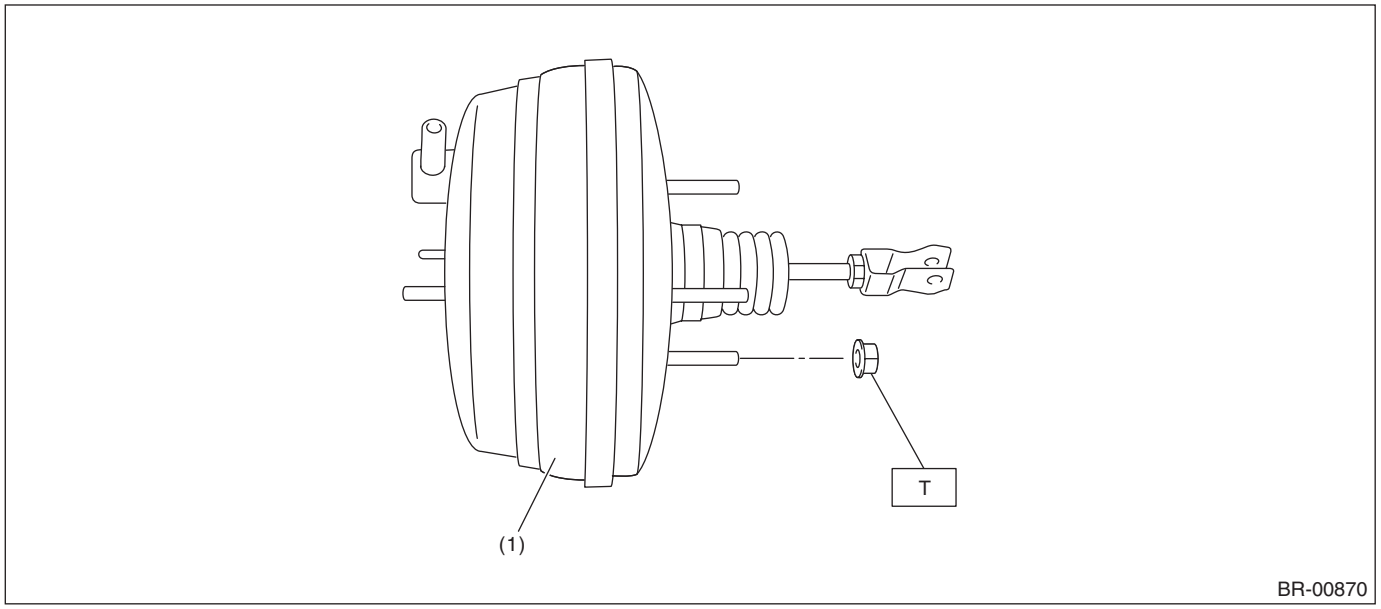
(1)	Connector - two-way	(5)	Front brake hose RH/LH	***Tightening torque:N·m (kgf-m, ft-lb)***
(2)	VDC control module and hydraulic control unit (VDCCM&H/U)	(6)	Clamp	***T1: 15 (1.53, 11.1)***
(3)	Front brake pipe ASSY	(7)	Gasket	***T2: 18 (1.84, 13.3)***
(4)	Master cylinder ASSY			***T3: 19 (1.94, 14.0)***
				T4: 33 (3.36, 24.3)

5. CENTER AND REAR BRAKE PIPES AND HOSES



(1)	Center brake pipe ASSY	(5)	Clamp	***Tightening torque:N·m (kgf-m, ft-lb)***
(2)	Bracket	(6)	Gasket	***T1: 15 (1.53, 11.1)***
(3)	Connector	(7)	Rear brake hose RH	***T2: 18 (1.84, 13.3)***
(4)	Rear brake pipe ASSY	(8)	Rear brake hose LH	***T3: 33 (3.36, 24.3)***

6. BRAKE BOOSTER

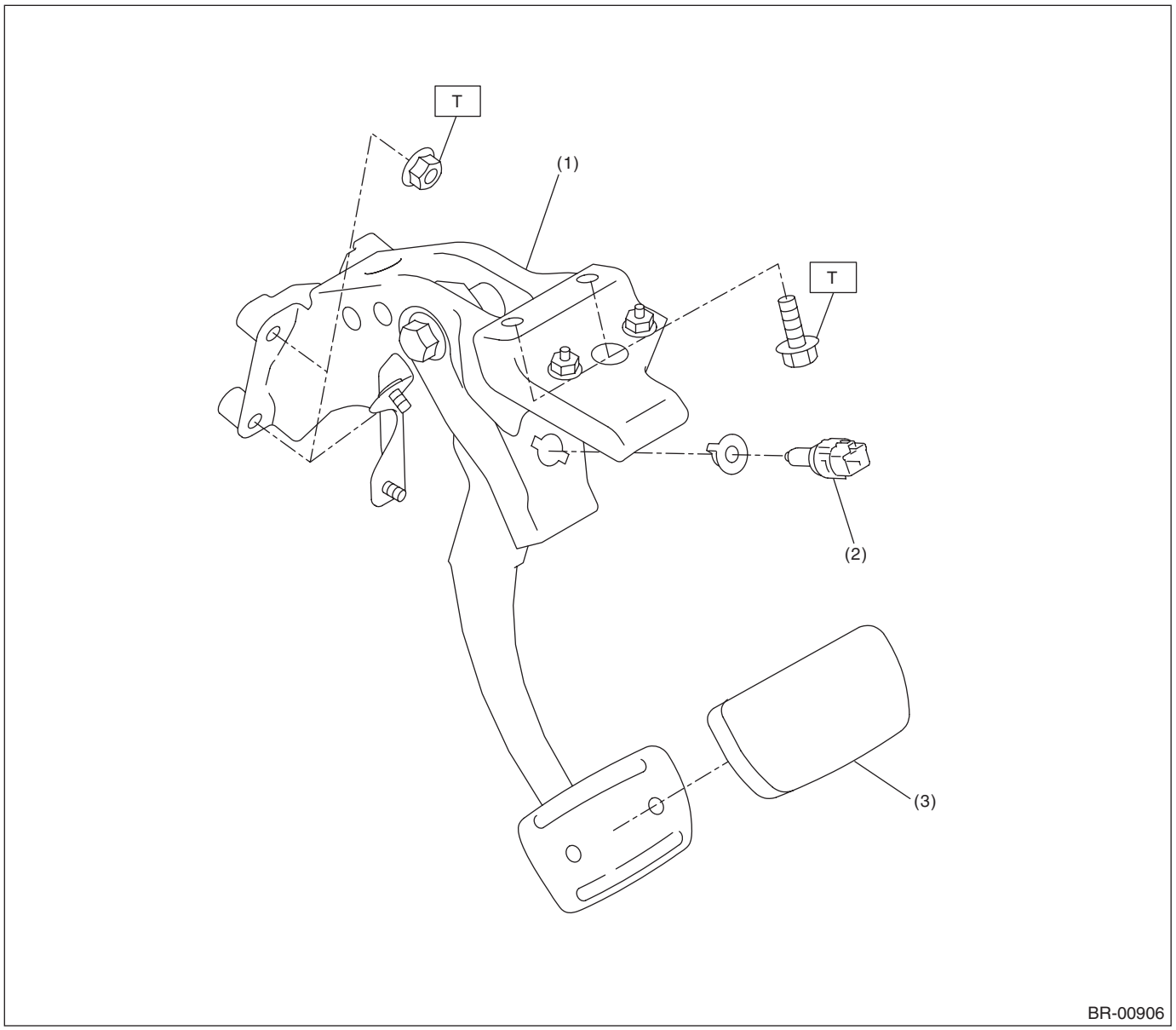


(1) Vacuum booster ASSY

Tightening torque:N·m (kgf-m, ft-lb)
T: 18 (1.84, 13.3)

7. BRAKE PEDAL

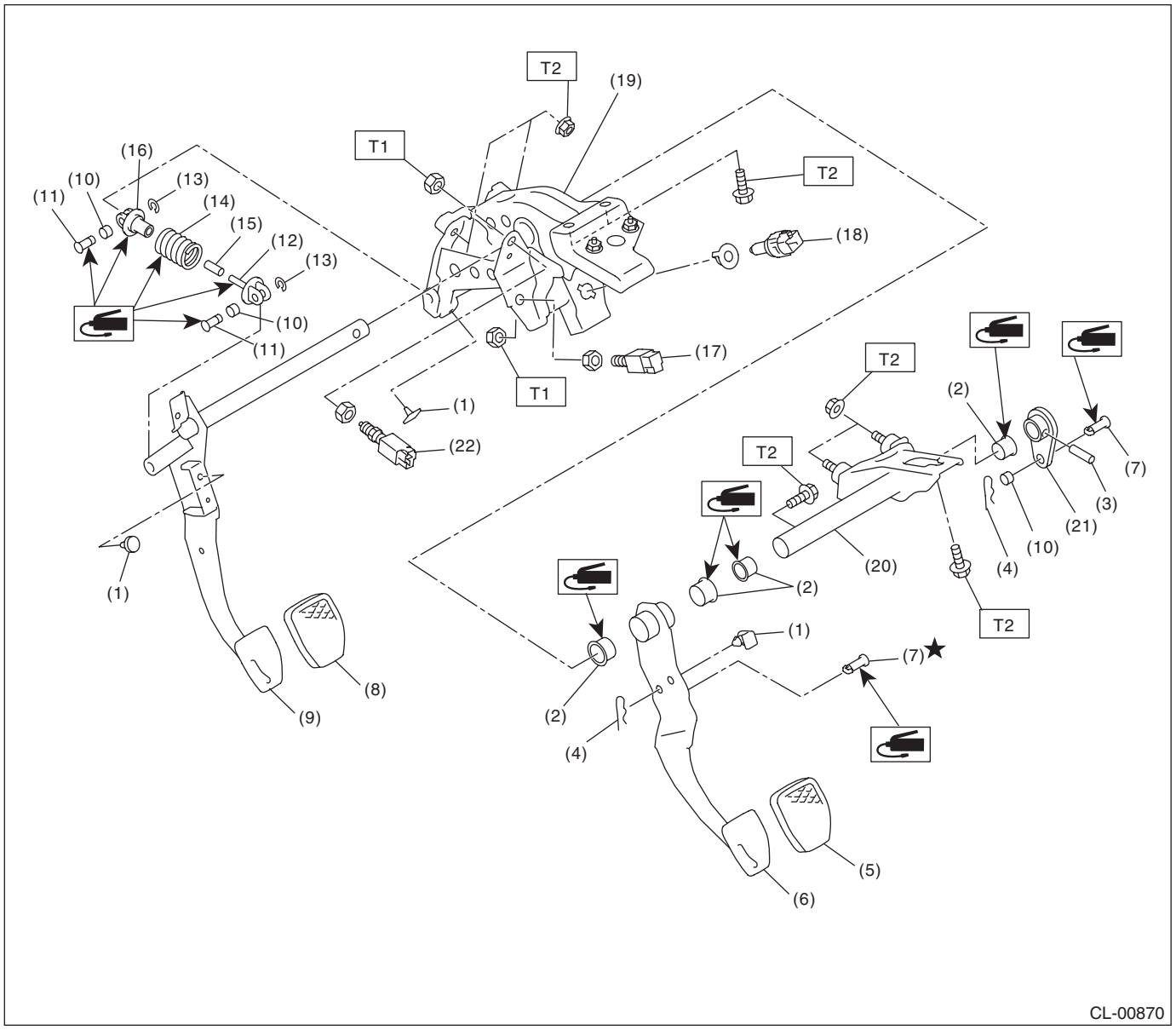
- AT model



(1) Brake pedal ASSY
(2) Switch - stop light
(3) Pad - brake pedal

Tightening torque:N·m (kgf-m, ft-lb)
T: 18 (1.84, 13.3)

- MT model



(1) Stopper
(2) Bushing
(3) Spring pin
(4) Snap pin
(5) Pad - brake pedal
(6) Brake pedal
(7) Clevis pin
(8) Pad - clutch pedal
(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) Switch - stop light
(19) Pedal bracket
(20) Clutch master cylinder bracket
(21) Lever
(22) Clutch start switch

Tightening torque:N·m (kgf-m, ft-lb)
T1: 8 (0.82, 5.9)
T2: 18 (1.84, 13.3)

C: CAUTION

- Wear appropriate work clothing, including a helmet, protective goggles and protective shoes when performing any work.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly and replacement.
- Use SUBARU genuine grease etc. or equivalent. Do not mix grease etc. of different grades or manufacturers.
- Before securing a part on a vise, place cushioning material such as wood blocks, aluminum plate, or cloth between the part and the vise.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or rigid racks at the specified points.