1. General Description *S504001*

A: SPECIFICATIONS *S504001E49*

Clutch cover	Diaphragm set load kg (lb)		580 (1,279)
Clutch disc	Facing material		Woven
	O.D. × I.D. × thickness mm (in)		225 × 150 × 3.5 (8.86 × 5.91 × 0.138)
	Spline O.D. (No. of teeth) mm (in)		25.2 (0.992) (24)
	Depth of rivet head mm (in)	Limit of sinking	0.3 (0.012)
	Limit for runout mm (in)		1.0 (0.039) at R = 107 (4.21)
Clutch release lever ratio			1.6
Release bearing			Grease-packed self-aligning
Release lever	Stroke mm (in)		12 — 13.6 (0.472 — 0.535)
Clutch pedal	Full stroke mm (in)		130 — 135 (5.12 — 5.31)
	Free play mm (in)		4 — 13 (0.16 — 0.51)

CL-2

B: COMPONENT *S504001A05*

1. CLUTCH ASSEMBLY *S504001A0510*
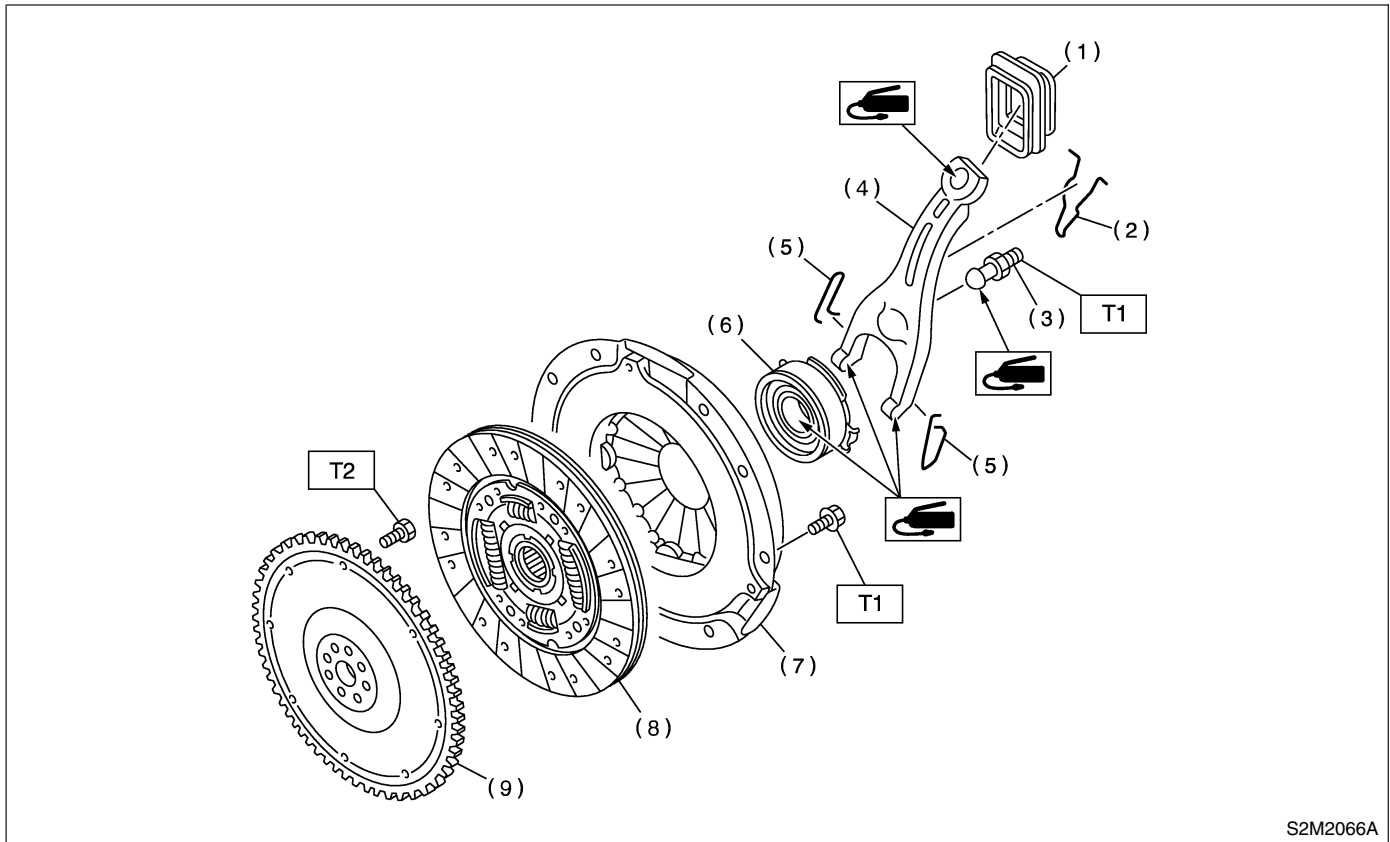
S2M2066A

(1) Clutch release lever sealing
(2) Retainer spring
(3) Pivot
(4) Clutch release lever
(5) Clip

(6) Clutch release bearing
(7) Clutch cover
(8) Clutch disc
(9) Flywheel

Tightening torque: N·m (kgf-m, ft-lb)
T1: 15.7 (1.6, 11.6)
T2: 72 (7.3, 52.8)

2. CLUTCH PIPE AND HOSE *S504001A0511*

S2M2067A
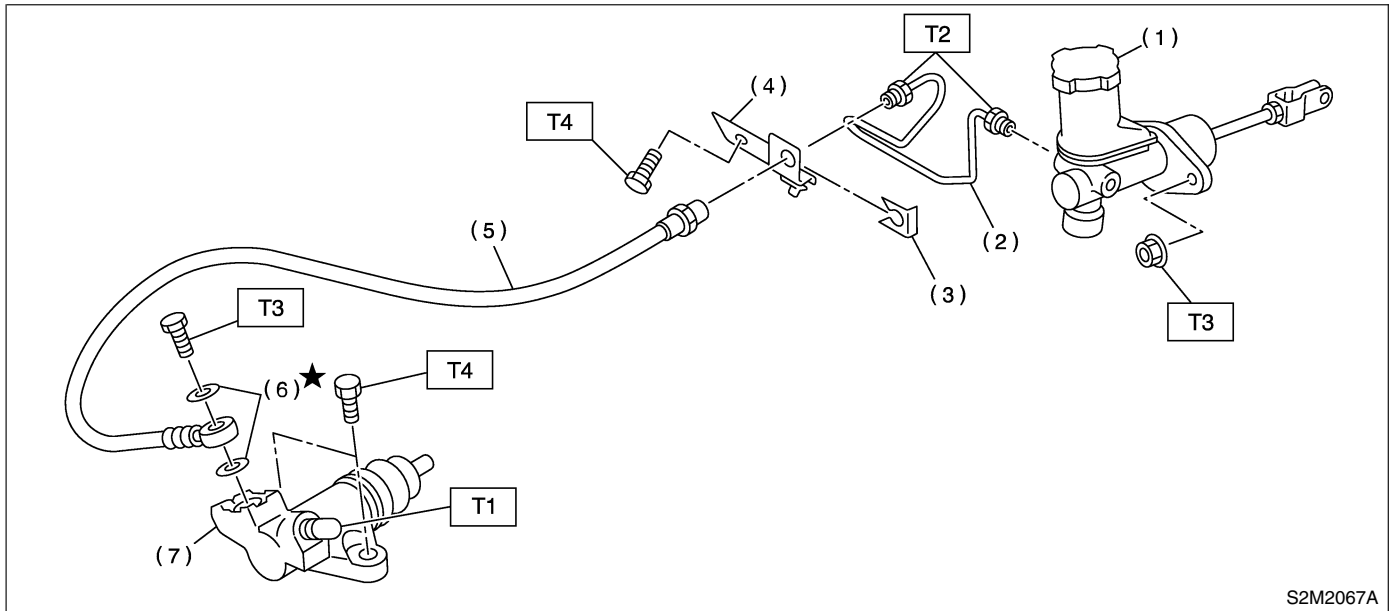
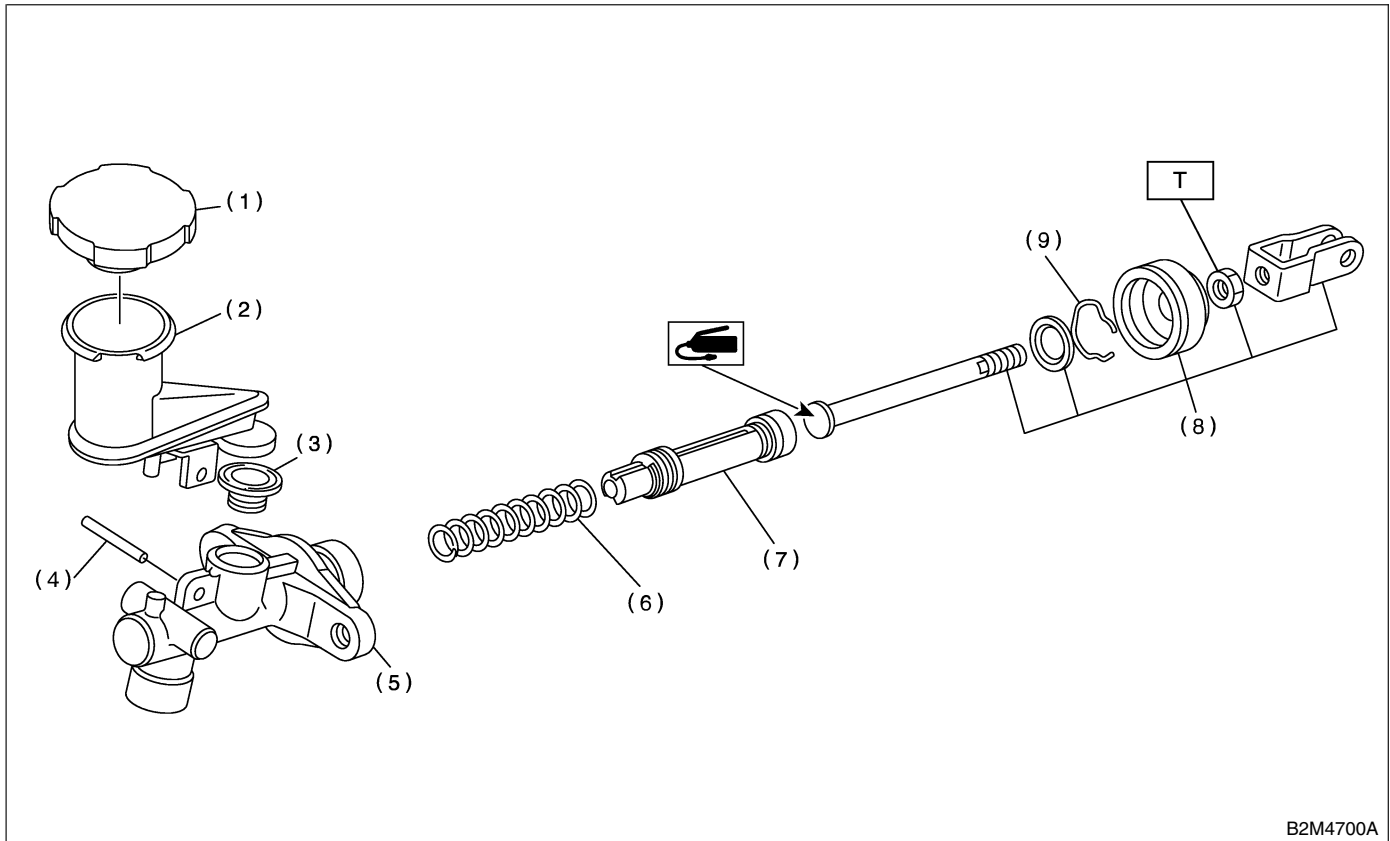|			
(1)	Master cylinder ASSY	(6)	Washer
(2)	Clutch pipe	(7)	Operating cylinder
(3)	Clip		
(4)	Bracket		
(5)	Clutch hose		

Tightening torque: N·m (kgf-m, ft-lb)
T1: 8 (0.8, 5.8)
T2: 15 (1.5, 10.8)
T3: 18 (1.8, 13.0)
T4: 37 (3.8, 27.5)

CL-4

3. MASTER CYLINDER S504001A0502

B2M4700A

(1) Reservoir cap
(2) Reservoir tank
(3) Oil seal
(4) Straight pin

(5) Master cylinder
(6) Return spring
(7) Piston
(8) Push rod

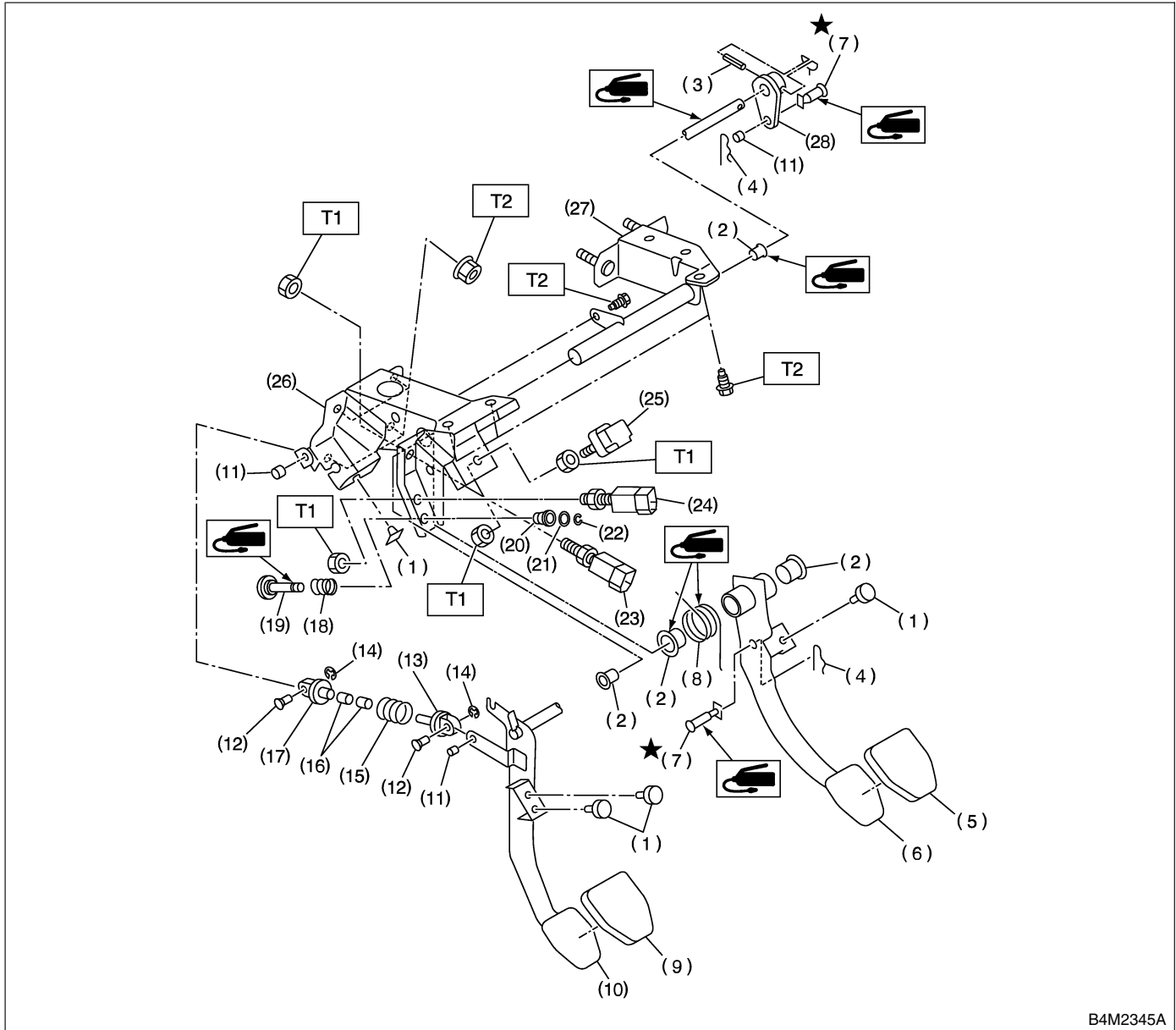(9) Piston stop ring

Tightening torque: N·m (kgf-m, ft-lb)
T: 10 (1.0, 7)

4. CLUTCH PEDAL *S504001A0503*

B4M2345A

(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) O-ring
(22) Clip
(23) Clutch switch (Starter interlock)

(24) Clutch switch (With cruise control)
(25) Stop light switch
(26) Pedal bracket
(27) Clutch master cylinder bracket
(28) Lever

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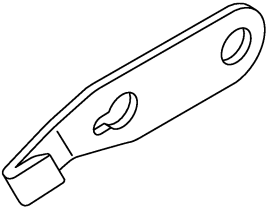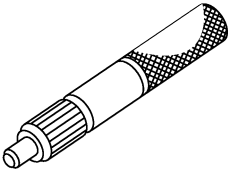 *T1: 8 (0.8, 5.8)*
  T2: 18 (1.8, 13.0)

C: CAUTION S504001A03

● Wear working 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 or dirt.
● Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
● Be careful not to burn your hands, because each part on the vehicle is hot after running.
● Use SUBARU genuine fluid, grease etc. or the 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 safety stands 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, place cushioning material such as wood blocks, aluminum plate, or shop 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.
● Refer to CAUTION in the "MT" section for removal of transmission.

D: PREPARATION TOOL S504001A17

1. SPECIAL TOOLS S504001A1701

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
B2M3853	498497100	CRANKSHAFT STOPPER	Used for stopping rotation of flywheel when loosening tightening bolt, etc.
B2M4112	499747100	CLUTCH DISC GUIDE	Used when installing clutch disc to flywheel.

2. GENERAL PURPOSE TOOLS S504001A1702

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