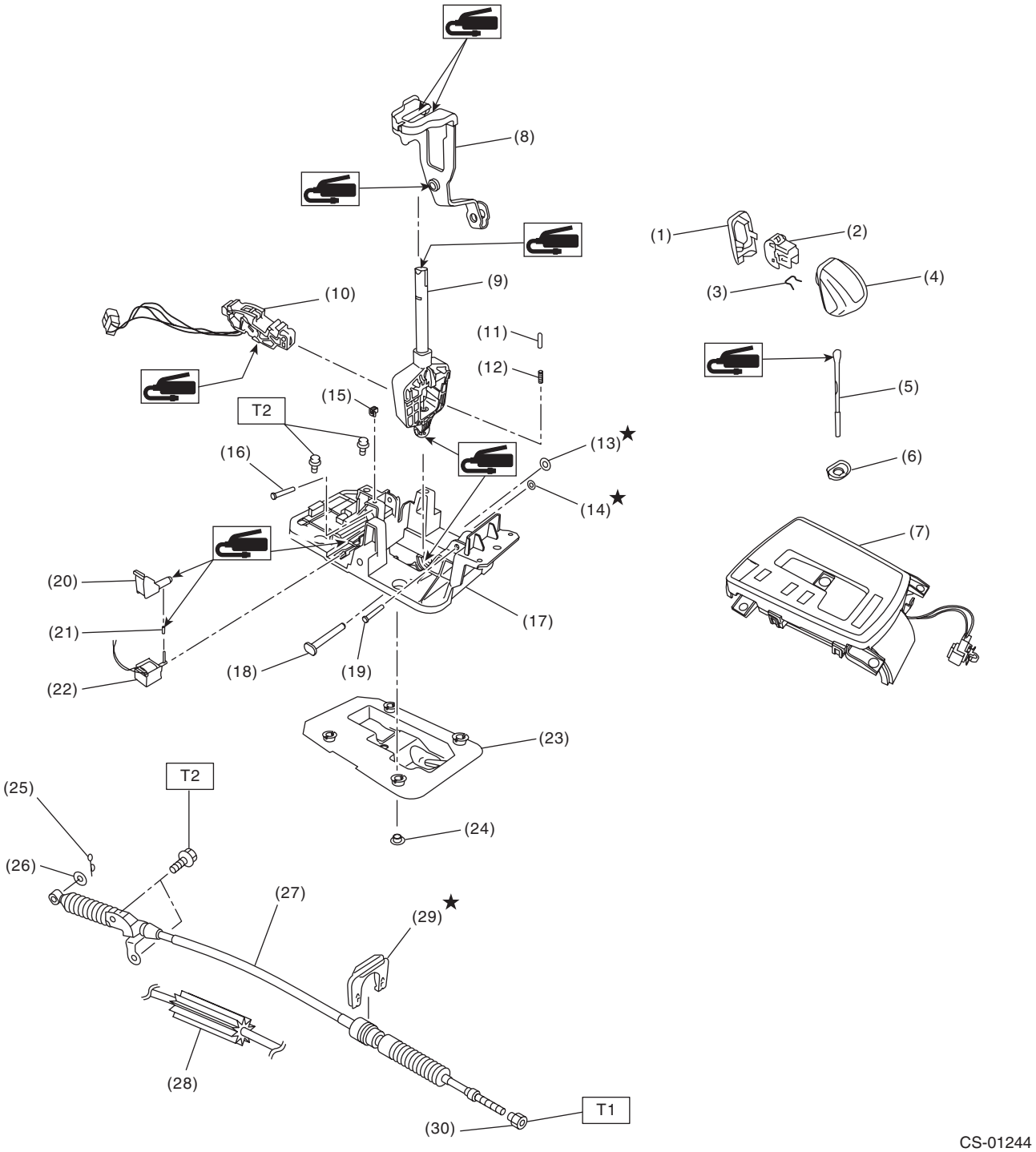
1. General Description

A: COMPONENT

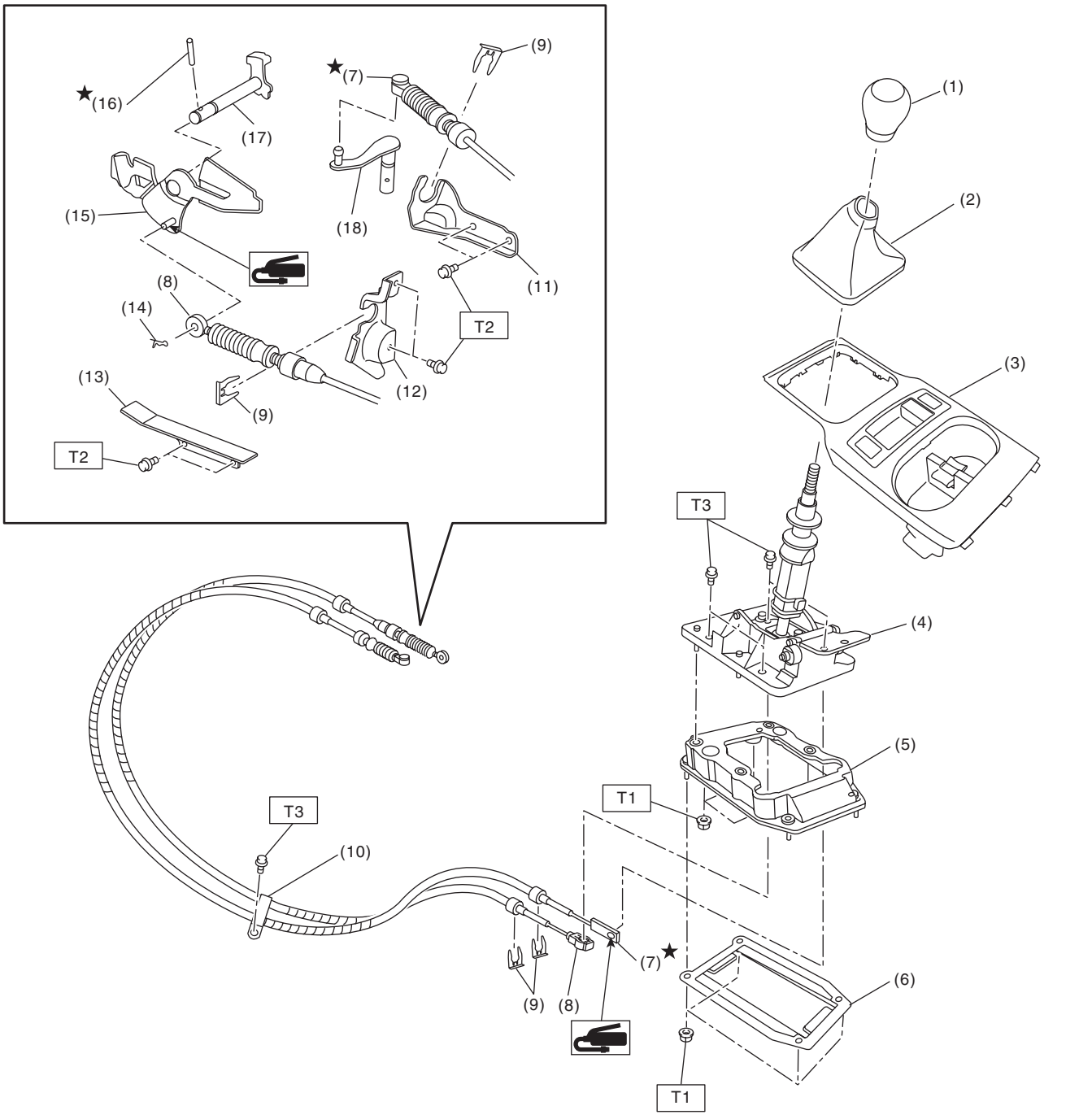
1. AT SELECT LEVER



(1) Cover grip AT
(2) Button ASSY-AT
(3) Clamp grip pin
(4) Grip ASSY sub
(5) Rod COMPL
(6) Cover grip AT
(7) Indicator ASSY
(8) Arm ASSY
(9) Selector lever COMPL
(10) Plate guide
(11) Rod detent
(12) Detent spring
(13) Clamp push nut
(14) Clamp push nut
(15) Clamp pin
(16) Spacer pin guide
(17) Plate COMPL
(18) Shaft control
(19) Spacer pin guide
(20) Rod shift lock
(21) Cushion solenoid
(22) Solenoid unit
(23) Gasket
(24) Spacer plate
(25) Snap pin
(26) Washer
(27) Select cable (AT model)
(28) Select cable (CVT model)
(29) Clamp
(30) Nut

Tightening torque:N·m (kgf-m, ft-lb)
T1: 7.5 (0.8, 5.5)
T2: 18 (1.8, 13.3)

2. 6MT GEAR SHIFT LEVER



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(1) Shift knob
(2) Shift boot
(3) Console front cover ASSY
(4) Gear shift lever ASSY
(5) Cover cable ASSY
(6) Plate cable ASSY
(7) MT gear select cable (identification tape color: green)
(8) MT gear shift cable (identification tape color: yellow)
(9) Clamp
(10) Clamp cable
(11) Select bracket
(12) Shift bracket
(13) Dust cover
(14) Snap pin
(15) Shift lever COMPL
(16) Spring pin
(17) Shifter arm No. 2
(18) Shift bracket

Tightening torque:N·m (kgf-m, ft-lb)
T1: 7.5 (0.8, 5.5)
T2: 15 (1.5, 11.1)
T3: 18 (1.8, 13.3)

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.
- Use SUBARU genuine fluid, grease or equivalent. Do not mix fluid and grease 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 the O-ring or snap ring, apply a 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.
- Before disconnecting electrical connectors, be sure to disconnect the negative terminal from battery.

C: PREPARATION TOOL

1. SPECIAL TOOL

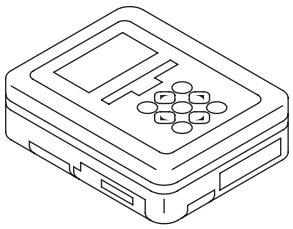
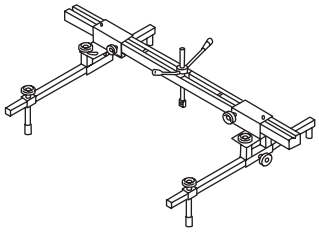
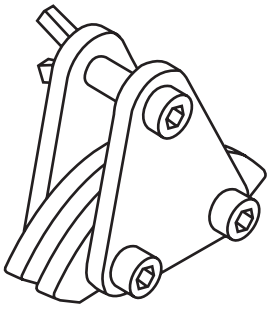
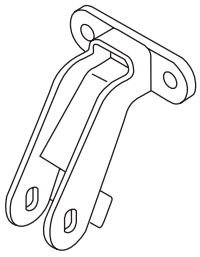
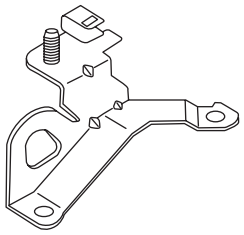
ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST1B022XU0	1B022XU0	SUBARU SELECT MONITOR III KIT	Used for troubleshooting the electrical system.
 ST99099AJ000	99099AJ000	ENGINE HANGER	• Used for removing and installing the automatic transmission assembly. • Used together with CHAIN BALANCER (99099AJ010).

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST99099AJ010	99099AJ010	CHAIN BALANCER	• Used for removing and installing the automatic transmission assembly. • Used together with ENGINE HANGER (99099AJ000).
 ST41099AJ000	41099AJ000	SPECIAL TOOL H4	Used for holding and balancing the engine unit.
 ST10004AA180	10004AA180 (SUBARU genuine part)	ENGINE HANGER REAR	• Used for lifting engine. (ENGINE HANGER REAR for turbo model) • For 2.5 L non-turbo model.

2. GENERAL TOOL

TOOL NAME	REMARKS
Chain sling	Used for removing and installing transmission. • Length: 0.8 — 1 m (2.6 — 3.3 ft) • Load capacity: 1.2 t (2646 lb) or more • Diameter: 6 mm (0.24 in) or 6.3 mm (0.25 in) • Chain external width: 23.5 mm (0.93 in) or less • Chain internal width: 8.5 mm (0.33 in) or more
Screw shackle	Used for removing and installing transmission. • Load capacity: 250 kg (551 lb) or more • Use two pieces.
Circuit tester	Used for measuring resistance and voltage.