

FRONT SUSPENSION

A: SPECIFICATIONS

NOTE:

- Front and rear toe-in and front camber can be adjusted. If toe-in or camber exceeds tolerance, adjust toe-in and camber to the adjustment standard.
- The other items indicated in the specification table cannot be adjusted. If the other items exceed specifications, check suspension parts and connections for deformities; replace with new ones as required.



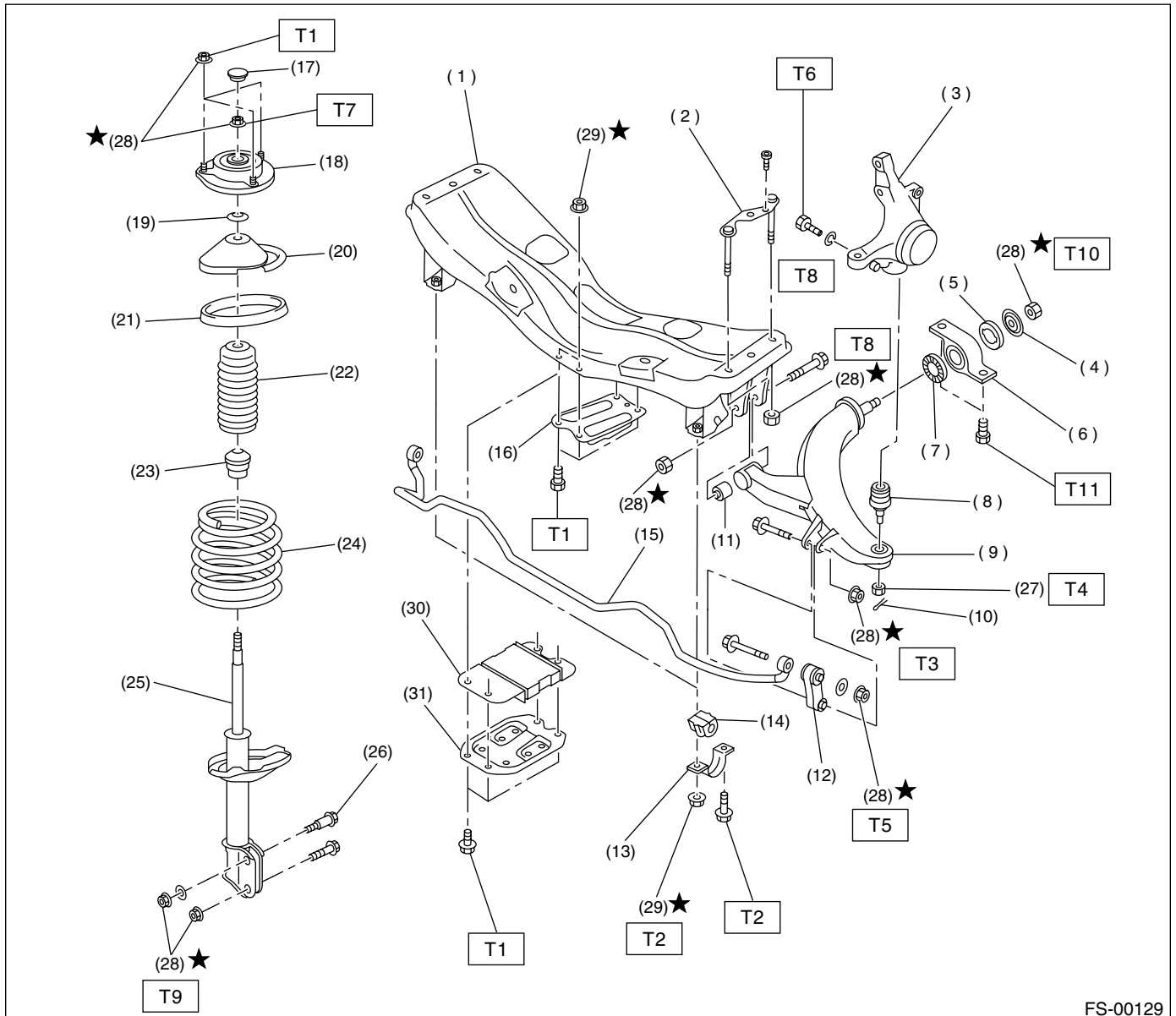
A – B = Positive: Toe-in, Negative: Toe-out

α = Each toe angle

GENERAL DESCRIPTION

FRONT SUSPENSION

B: COMPONENT



FS-00129

(1) Front crossmember	(17) Dust seal	(31) Dynamic plate (Non-TURBO, MT model)
(2) Bolt ASSY	(18) Strut mount	
(3) Housing	(19) Spacer	
(4) Washer	(20) Upper spring seat	
(5) Stopper rubber (Rear)	(21) Rubber seat	
(6) Rear bushing	(22) Dust cover	
(7) Stopper rubber (Front)	(23) Helper	
(8) Ball joint	(24) Coil spring	
(9) Transverse link	(25) Damper strut	
(10) Cotter pin	(26) Adjusting bolt	
(11) Front bushing	(27) Castle nut	
(12) Stabilizer link	(28) Self-locking nut	
(13) Clamp	(29) Flange nut	
(14) Bushing	(30) Dynamic damper (Non-TURBO, MT model)	
(15) Stabilizer		
(16) Jack-up plate		

Tightening torque: N·m (kgf-m, ft-lb)

T1:	20 (2.0, 14.5)
T2:	25 (2.5, 18.1)
T3:	30 (3.1, 22)
T4:	39 (4, 29)
T5:	45 (4.6, 33)
T6:	50 (5.1, 37)
T7:	54 (5.5, 39.8)
T8:	95 (9.7, 71)
T9:	152 (16, 116)
T10:	186 (19.0, 137)
T11:	245 (25.0, 181)

GENERAL DESCRIPTION

FRONT SUSPENSION

C: CAUTION

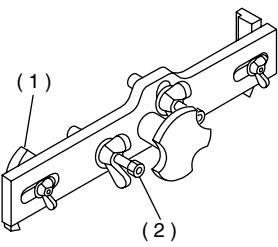
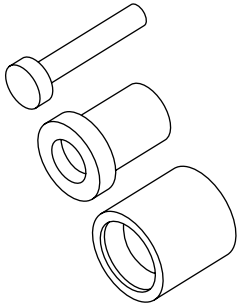
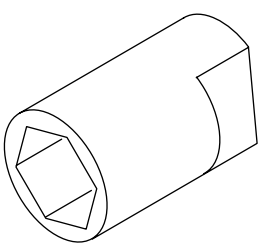
- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Remove contamination including dirt and corrosion before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust or dirt.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, installation, disassembly, and replacement.
- Use SUBARU genuine grease etc. or the equivalent. Do not mix 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 grease 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.

GENERAL DESCRIPTION

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D: PREPARATION TOOL

1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST-927380002	927380002	ADAPTER	Used as an adapter for camber & caster gauge when measuring camber and caster. (1) 28199AC000 PLATE (2) 28199AC010 BOLT
 ST-927680000	927680000	INSTALLER & REMOVER SET	Used for replacing transverse link bushing.
 ST-927760000	927760000	STRUT MOUNT SOCKET	Used for disassembling and assembling strut and shock mount.

2. GENERAL PURPOSE TOOLS

TOOL NAME	REMARKS
Alignment gauge	Used for wheel alignment measurement.
Turning radius gauge	Used for wheel alignment measurement.
Toe-in gauge	Used for toe-in measurement.
Dial gauge	Used for damper strut measurement.