

GENERAL DESCRIPTION

Rear Suspension

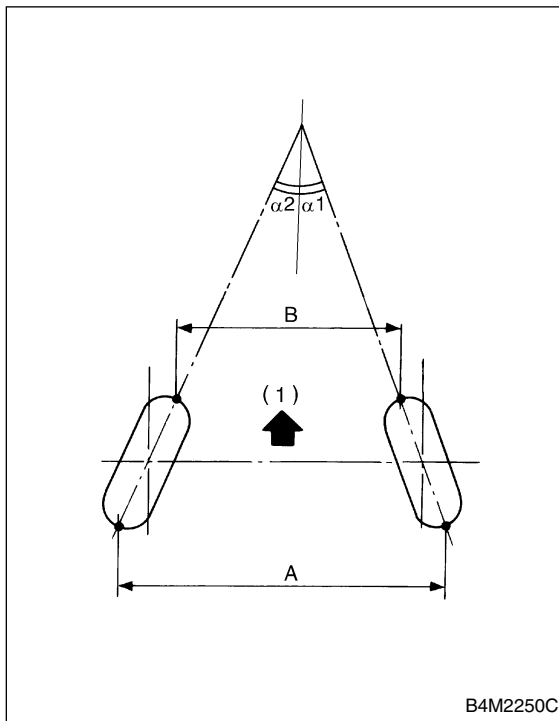
1. General Description S201001

A: SPECIFICATIONS S201001E49

Item	Sedan	Wagon	OUTBACK
Camber (tolerance: $\pm 0^\circ 45'$)	$-0^\circ 30'$	$-0^\circ 20'$	$-0^\circ 10'$
Toe-in	0 ± 3 mm (0 ± 0.12 in) Each toe-in angle: $\pm 0^\circ 15'$		
Wheel arch height [tolerance: $+^{12}/_{-24}$ mm ($+^{0.47}/_{-0.94}$ in)]	371 mm (14.61 in)	381 mm (15.00 in)	421 mm (16.57 in)
Thrust angle	$0^\circ \pm 30'$		
Diameter of stabilizer	14 mm (0.55 in)		

NOTE:

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



(1) Front

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

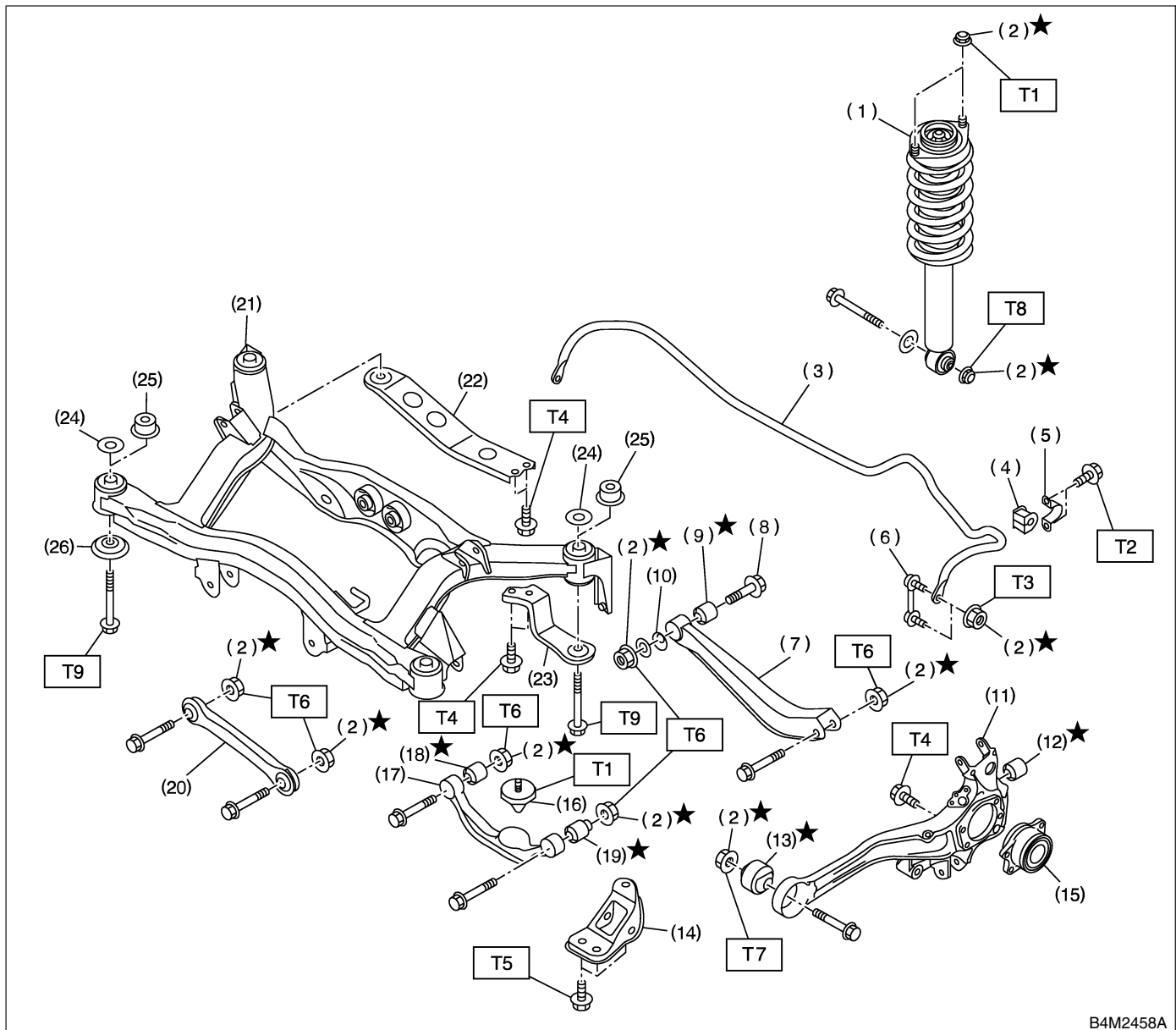
$\alpha 1, \alpha 2$: Each toe-in angle

B: COMPONENT

S201001A05

1. REAR SUSPENSION

S201001A0501



B4M2458A

- | | |
|-----------------------------|--|
| (1) Shock absorber | (15) Hub bearing unit |
| (2) Self-locking nut | (16) Helper |
| (3) Stabilizer | (17) Link upper |
| (4) Stabilizer bushing | (18) Link upper bushing (Inside) |
| (5) Clamp | (19) Link upper bushing (Outside) |
| (6) Stabilizer link | (20) Link front |
| (7) Link rear | (21) Rear sub frame |
| (8) Adjusting bolt | (22) Support sub frame (RH) |
| (9) Link rear bushing | (23) Support sub frame (LH) |
| (10) Adjusting washer | (24) Stopper upper (Except OUT-
BACK model) |
| (11) Rear arm | (25) Stopper upper (OUTBACK
MODEL) |
| (12) Rear arm rear bushing | (26) Stopper lower |
| (13) Rear arm front bushing | |
| (14) Rear arm bracket | |

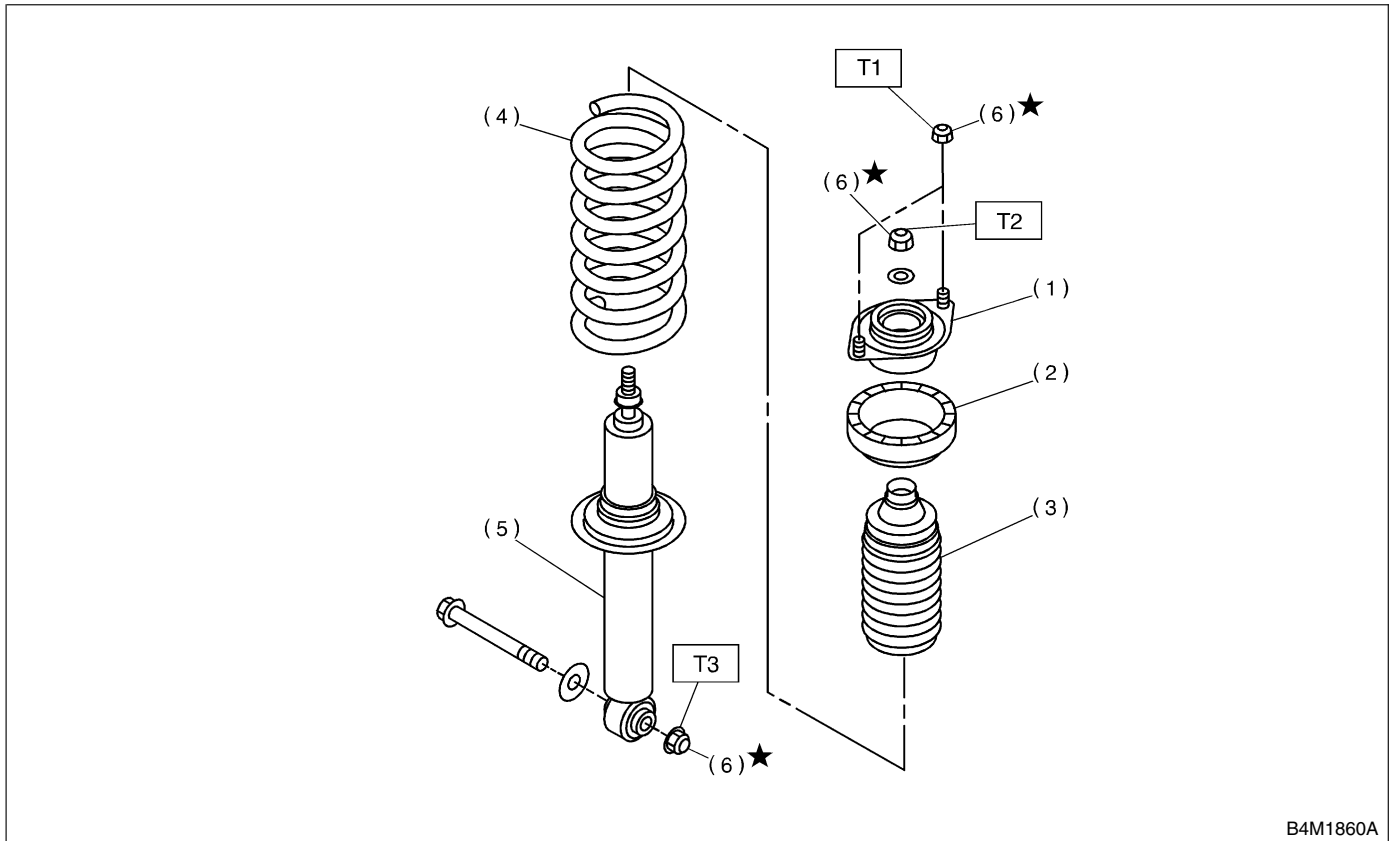
Tightening torque: N·m (kgf·m, ft·lb)

- | |
|----------------------------|
| T1: 30 (3.1, 22.4) |
| T2: 40 (4.1, 30) |
| T3: 44 (4.5, 32.5) |
| T4: 65 (6.6, 48) |
| T5: 110 (11.2, 81) |
| T6: 120 (12.2, 88) |
| T7: 150 (15.3, 111) |
| T8: 160 (16.3, 118) |
| T9: 176 (17.9, 129) |

GENERAL DESCRIPTION

Rear Suspension

2. SHOCK ABSORBER S201001A0502



- (1) Mount
- (2) Rubber seat upper
- (3) Dust cover
- (4) Coil spring
- (5) Shock absorber
- (6) Self-locking nut

Tightening torque: N·m (kgf·m, ft·lb)

T1: 30 (3.1, 22.4)

T2: 35 (3.6, 26)

T3: 160 (16.3, 118)

C: CAUTION S201001A03

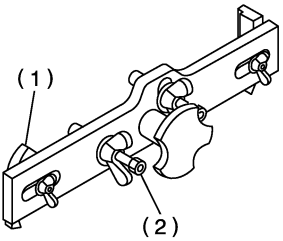
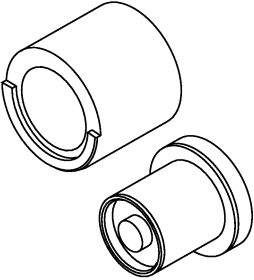
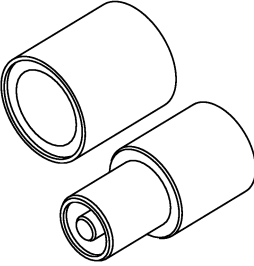
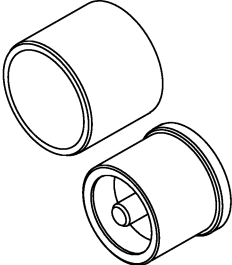
- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Remove contamination including dirt and corrosion before removal, installation or disassembly.
- Keep the disassembled parts in order and protect them from dust or dirt.
- Before removal, installation 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.
- Before disposing shock absorbers, be sure to bleed gas completely. Also, do not throw away in fire.

GENERAL DESCRIPTION

Rear Suspension

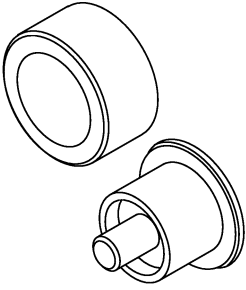
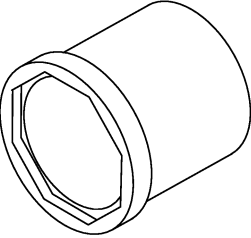
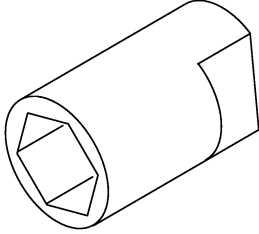
D: PREPARATION TOOL S201001A17

1. SPECIAL TOOLS S201001A1701

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center;">B4M2378A</p>	927380002	ADAPTER	Used as an adapter for camber & caster gauge when measuring camber and caster. (1) 28199AC000 PLATE (2) 28199AC010 BOLT
 <p style="text-align: center;">B4M2379</p>	20099AE000	INSTALLER & REMOVER	Used for replacing link rear bushing.
 <p style="text-align: center;">B4M2380</p>	20099AE010	INSTALLER & REMOVER	Used for replacing link upper bushing.
 <p style="text-align: center;">B4M2381</p>	20099AE020	INSTALLER & REMOVER SET	Used for replacing rear arm front bushing.

GENERAL DESCRIPTION

Rear Suspension

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center;">B4M2382</p>	20099AE040	INSTALLER & REMOVER SET	Used for replacing rear arm rear bushing.
 <p style="text-align: center;">B4M2383</p>	20099AE030	HELPER SOCKET WRENCH	Used for replacing helper.
 <p style="text-align: center;">B4M2384</p>	927760000	STRUT MOUNT SOCKET	Used for disassembling and assembling strut and shock mount.

2. GENERAL PURPOSE TOOLS S201001A1702

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.
Transmission jack	Used for suspension assembly/disassembly.
Bearing puller	Used for removing bushings.