

# GENERAL DESCRIPTION

Rear Suspension

## 1. General Description S201001

### A: SPECIFICATIONS S201001E49

#### 1. STABILIZER S201001E4901

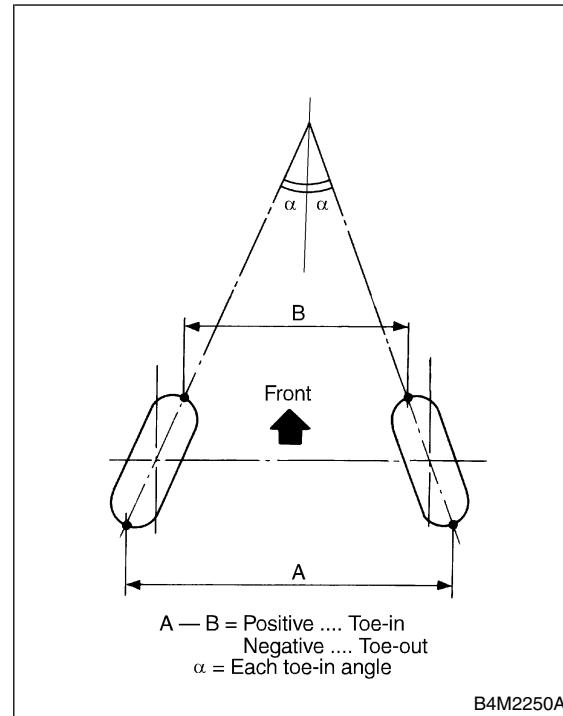
Model	Bar dia.
COUPE	13 mm (0.51 in)
SEDAN	2200 cc
	2500 cc
WAGON	13 mm (0.51 in)
OUTBACK	13 mm (0.51 in)

#### 2. WHEEL ALIGNMENT S201001E4902

	2200 cc			2500 cc	
	Sedan, Coupe	Wagon	OUTBACK	Coupe	Sedan
Camber (tolerance: $\pm 0^{\circ}45'$ )	$-0^{\circ}55'$	$-0^{\circ}55'$	$-0^{\circ}55'$	$-1^{\circ}10'$	$-1^{\circ}10'$
Toe-in	$0\pm 3$ mm ( $0\pm 0.12$ in) Each toe-in angle: $0^{\circ}\pm 18'$				
Wheel arch height [tolerance: $^{+12}_{-24}$ mm ( $^{+0.47}_{-0.94}$ in)]	379 mm (14.92 in)	379 mm (14.92 in)	386 mm (15.20 in)	363 mm (14.29 in)	363 mm (14.29 in)
Thrust angle (tolerance: $0^{\circ}\pm 20'$ )	$0^{\circ}$	$0^{\circ}$	$0^{\circ}$	$0^{\circ}$	$0^{\circ}$

#### 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 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; and replace with new ones as required.



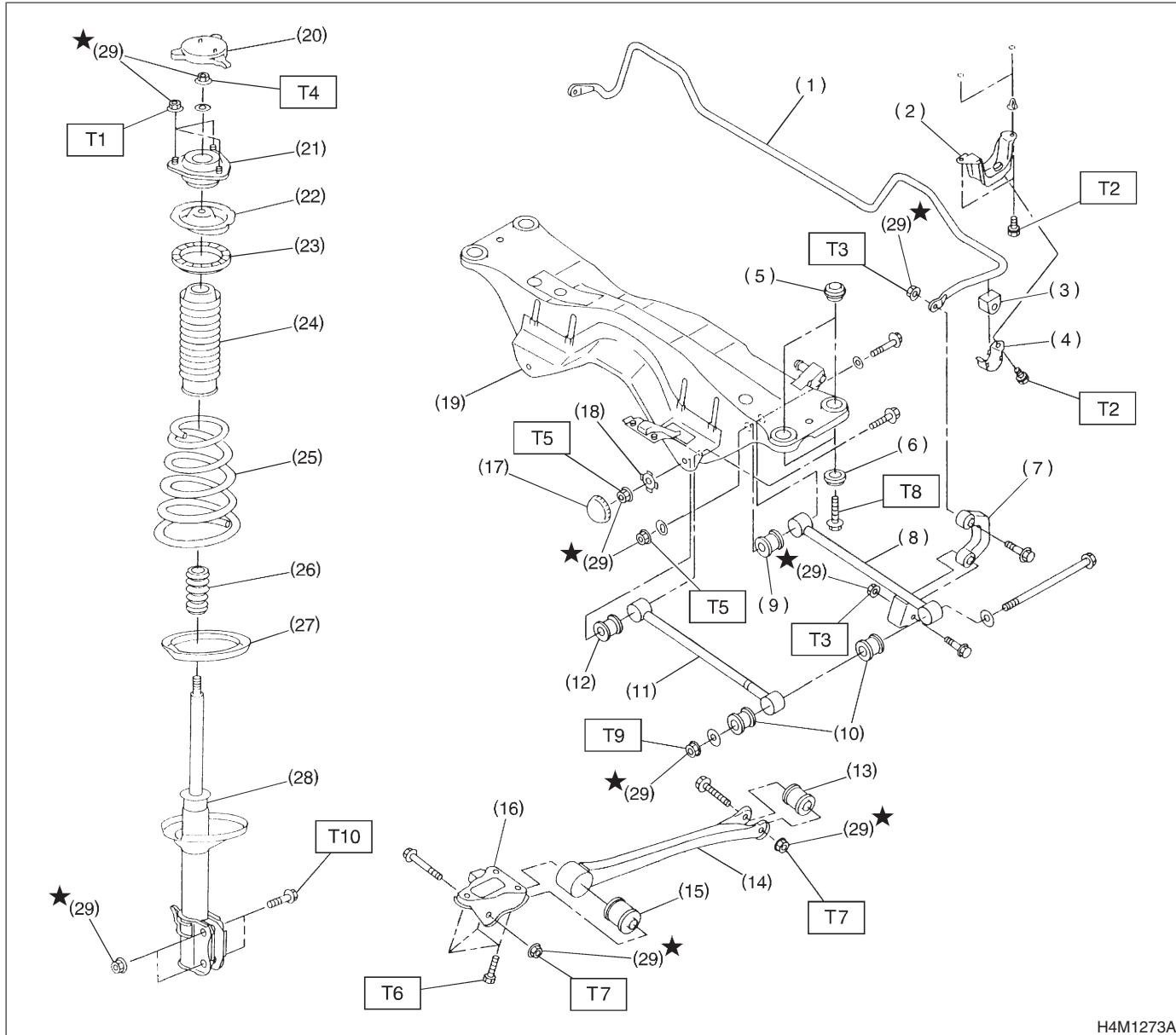
B4M2250A

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## B: COMPONENT

S201001A05



H4M1273A

- (1) Stabilizer
- (2) Stabilizer bracket
- (3) Stabilizer bushing
- (4) Clamp
- (5) Floating bushing
- (6) Stopper
- (7) Stabilizer link
- (8) Rear lateral link
- (9) Bushing (C)
- (10) Bushing (A)
- (11) Front lateral link
- (12) Bushing (B)
- (13) Trailing link rear bushing
- (14) Trailing link

- (15) Trailing link front bushing
- (16) Trailing link bracket
- (17) Cap
- (18) Washer
- (19) Crossmember
- (20) Cap
- (21) Strut mount
- (22) Spring seat
- (23) Rubber seat upper
- (24) Dust cover
- (25) Coil spring
- (26) Helper
- (27) Rubber seat lower
- (28) Damper strut

- (29) Self-locking nut

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

- T1: 20 (2.0, 14.5)
- T2: 25 (2.5, 18.1)
- T3: 44 (4.5, 32.5)
- T4: 59 (6.0, 43)
- T5: 98 (10.0, 72)
- T6: 98 (10.0, 72)
- T7: 113 (11.5, 83)
- T8: 127 (13.0, 94)
- T9: 137 (14.0, 101)
- T10: 196 (20.0, 145)

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### 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 vice, place cushioning material such as wood blocks, aluminum plate, or shop cloth between the part and the vice.
- Before disposing shock absorbers, be sure to bleed gas completely. Also, do not throw away in fire.

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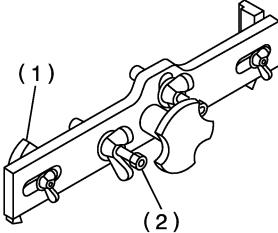
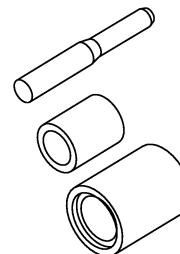
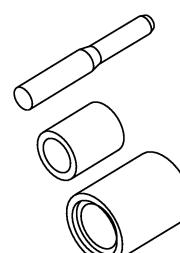
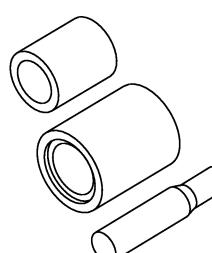
Rear Suspension

## D: PREPARATION TOOL

S201001A17

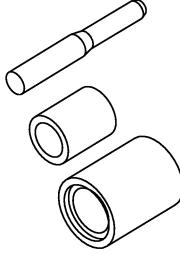
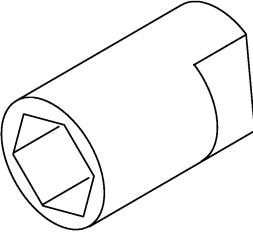
### 1. SPECIAL TOOL

S201001A1703

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 B4M2378A	927380002	ADAPTER	Used as an adapter for camber & caster gauge when measuring camber and caster. (1) 28199AC000 PLATE (2) 28199AC010 BOLT
 H5M0979	927690000	INSTALLER & REMOVER	Used for replacing lateral link bushing (12 dia.).
 H5M0979	927700000	INSTALLER & REMOVER	Used for replacing lateral link bushing (14 dia.).
 H5M0980	927720000	INSTALLER & REMOVER	Used for replacing trailing link bushing.

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ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 H5M0979	927730000	INSTALLER & REMOVER	Used for replacing rear housing bushing.
 B4M2384	927760000	STRUT MOUNT SOCKET	Used for disassembling and assembling strut mount.

## 2. GENERAL TOOL S201001A1704

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.