

GENERAL DESCRIPTION

REAR SUSPENSION

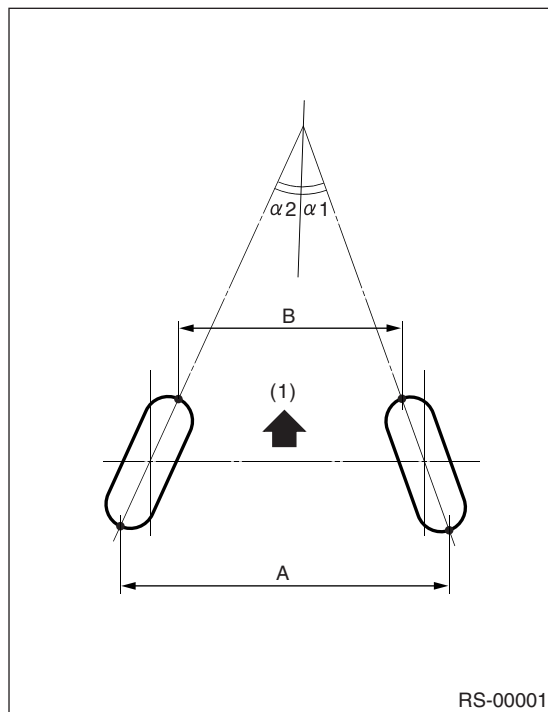
1. General Description

A: SPECIFICATIONS

Model	Non-turbo	Turbo
Camber (tolerance: $\pm 0^{\circ}45'$)	$-0^{\circ}50'$	$-0^{\circ}55'$
Toe-in	2±3 mm (0.079±0.118 in) Each toe-in angle: $0^{\circ}05' \pm 0^{\circ}07'30''$	
Wheel arch height (tolerance: +12/-24 mm (+0.47/-0.94 in))	440 mm (17.32 in)	435 mm (17.13 in)
Thrust angle	$0^{\circ} \pm 30'$	
Diameter of stabilizer	17 mm (0.67 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.



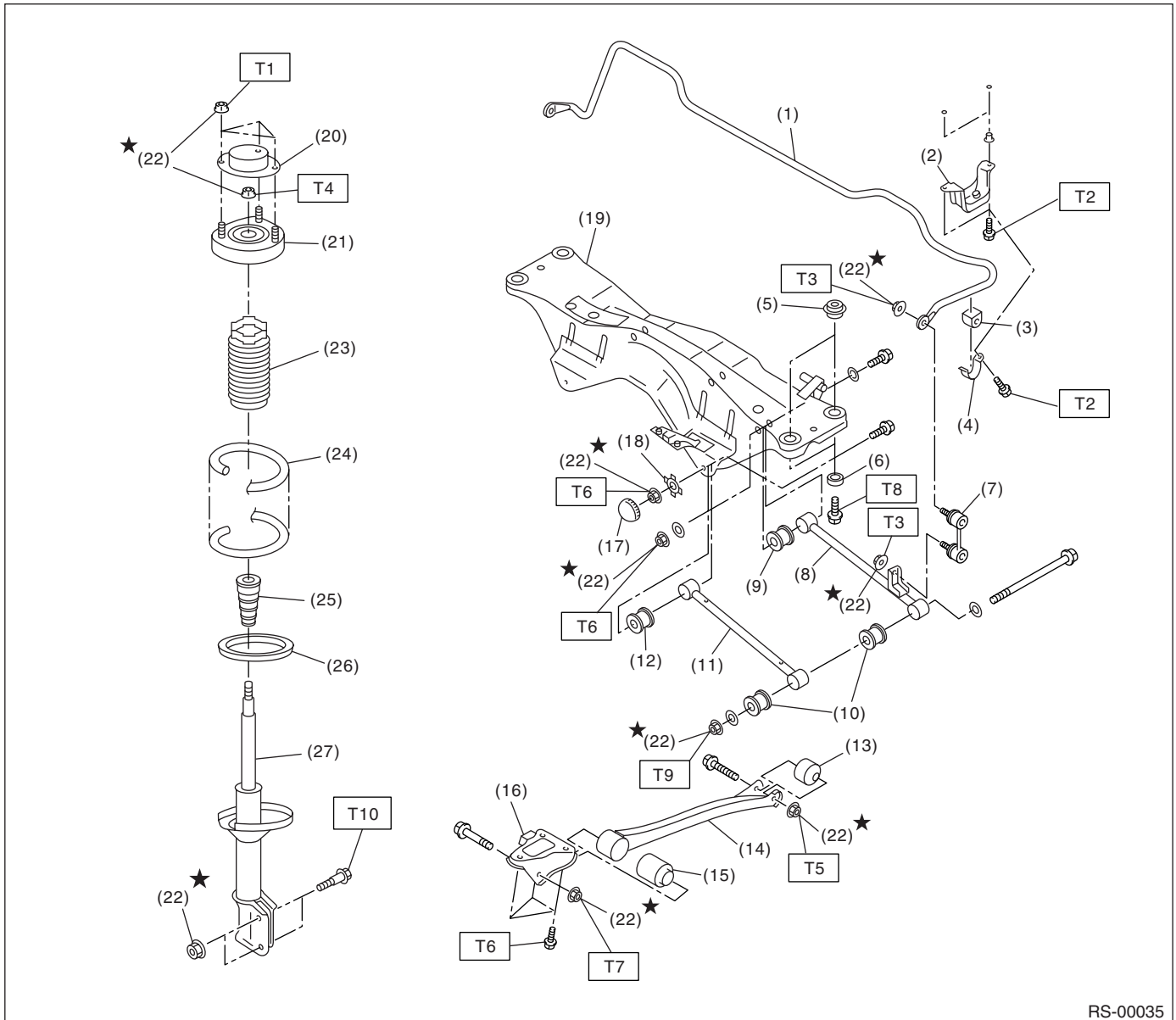
(1) Front

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

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

B: COMPONENT

1. REAR SUSPENSION



RS-00035

- | | |
|---------------------------------|----------------------------------|
| (1) Stabilizer | (15) Trailing link front bushing |
| (2) Stabilizer bracket | (16) Trailing link bracket |
| (3) Stabilizer bushing | (17) Cap (Protection) |
| (4) Clamp | (18) Washer |
| (5) Floating bushing | (19) Rear crossmember |
| (6) Stopper | (20) Strut mount cap |
| (7) Stabilizer link | (21) Strut mount |
| (8) Rear lateral link | (22) Self-locking nut |
| (9) Bushing (C) | (23) Dust cover |
| (10) Bushing (A) | (24) Coil spring |
| (11) Front lateral link | (25) Helper |
| (12) Bushing (B) | (26) Rubber seat lower |
| (13) Trailing link rear bushing | (27) Damper strut |
| (14) Trailing link | |

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

T1: 20 (2.0, 14.5)

T2: 25 (2.5, 18.1)

T3: 45 (4.6, 33.2)

T4: 60 (6.1, 44)

T5: 90 (9.2, 66)

T6: 100 (10.2, 74)

T7: 115 (11.7, 85)

T8: 130 (13.3, 96)

T9: 140 (14.3, 103)

T10: 200 (20.4, 148)

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C: CAUTION

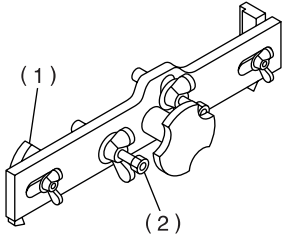
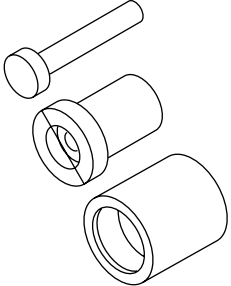
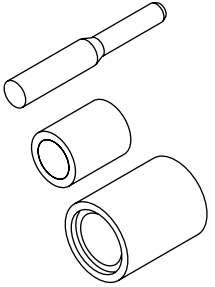
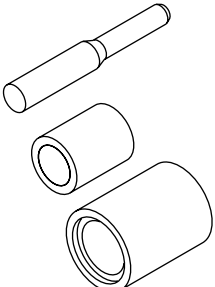
- Wear working clothing, including a cap, protective goggles, and protective shoes during operation.
- Before disposing shock absorbers, be sure to bleed gas completely. Also, do not throw away in fire.
- Before removal, installation or disassembly, be sure to clarify the failure. Avoid unnecessary removal, 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.
- 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.

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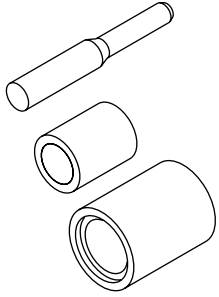
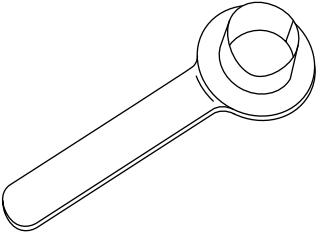
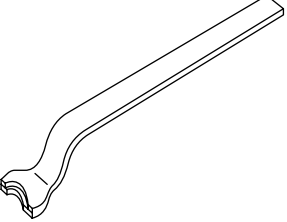
D: PREPARATION TOOL

1. SPECIAL TOOLS

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center;">ST-927380001</p>	927380001	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;">ST-927720000</p>	927720000	INSTALLER & REMOVER	Used for replacing front bushing.
 <p style="text-align: center;">ST-927730000</p>	927730000	INSTALLER & REMOVER	Used for replacing rear bushing.
 <p style="text-align: center;">ST-927700000</p>	927700000	INSTALLER & REMOVER	Used for replacing lateral link bushing.

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ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p style="text-align: center;">ST-927690000</p>	927690000	INSTALLER & REMOVER	Used for replacing lateral link bushing.
 <p style="text-align: center;">ST28099PA090</p>	28099PA090	OIL SEAL PROTEC- TOR	<ul style="list-style-type: none"> • Used for installing rear drive shaft into rear differential. • For protecting oil seal.
 <p style="text-align: center;">ST28099PA100</p>	28099PA100	DRIVE SHAFT REMOVER	Used for removing rear drive shaft from rear differential.

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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.
Transmission jack	Used for suspension removal/installation.
Bearing puller	Used for removing bushings.
Coil spring compressor	Used for strut disassembly/assembly.