

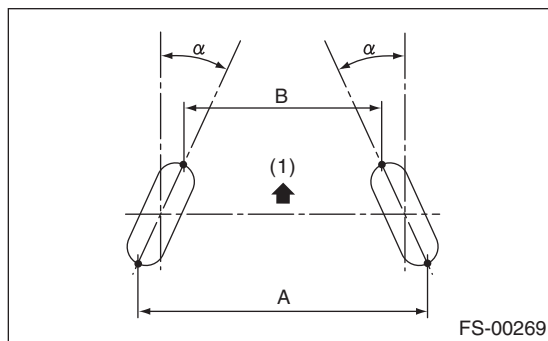
1. General Description

A: SPECIFICATION

Refer to “FS” section for rear suspension specifications. <Ref. to FS-2, SPECIFICATION, General Description.>

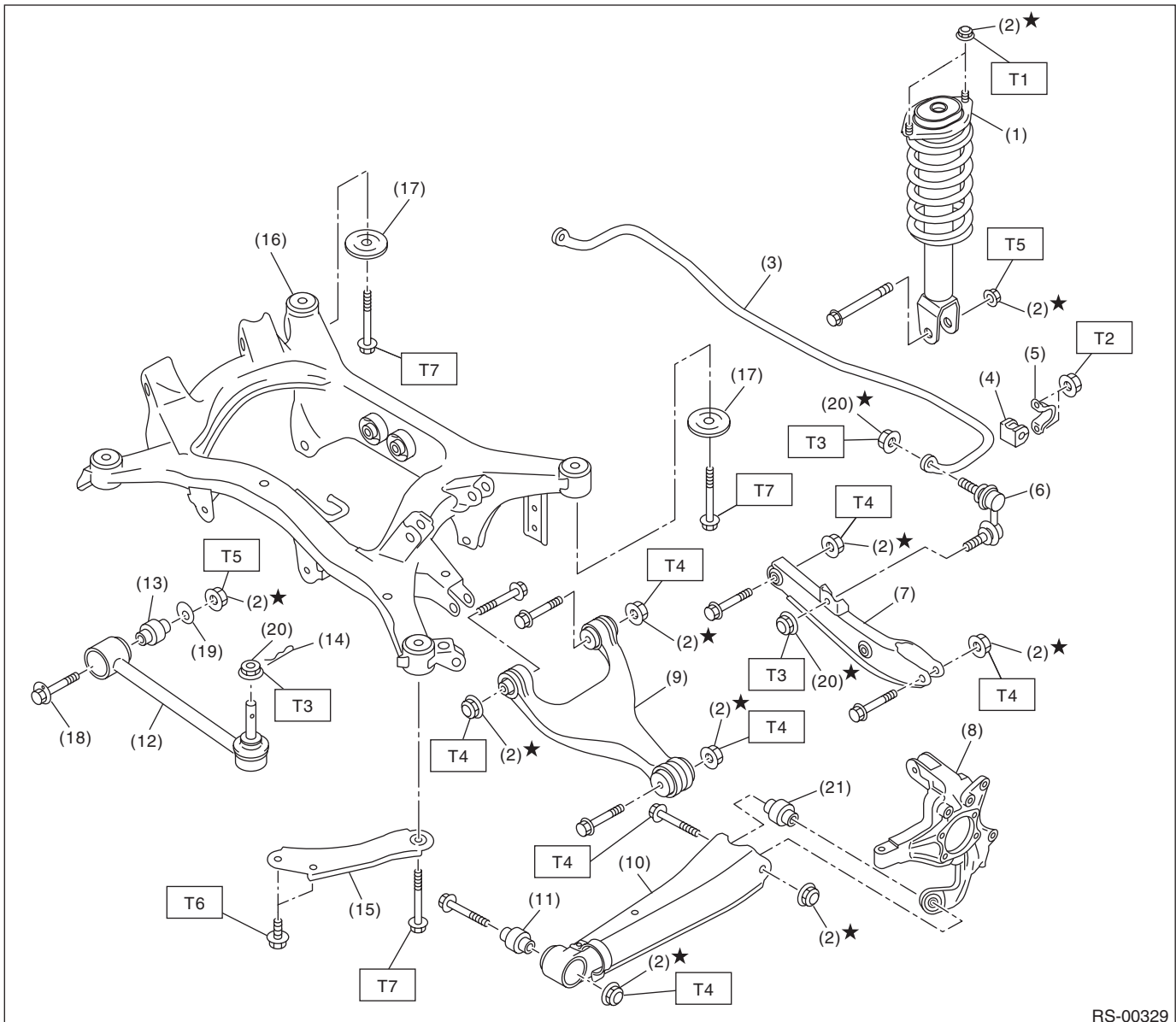
NOTE:

- Front and rear toe-in and front camber can be adjusted. Adjust if the toe-in or camber tolerance exceeds specifications.
- Other items indicated in the specifications table cannot be adjusted. If other items exceed specifications, check the suspension parts and connections for deformation, and replace with new parts as required.



(1) Front

$A - B = \text{Positive: Toe-in, Negative: Toe-out}$
 $\alpha = \text{Individual toe angles}$

B: COMPONENT**1. REAR SUSPENSION**

RS-00329

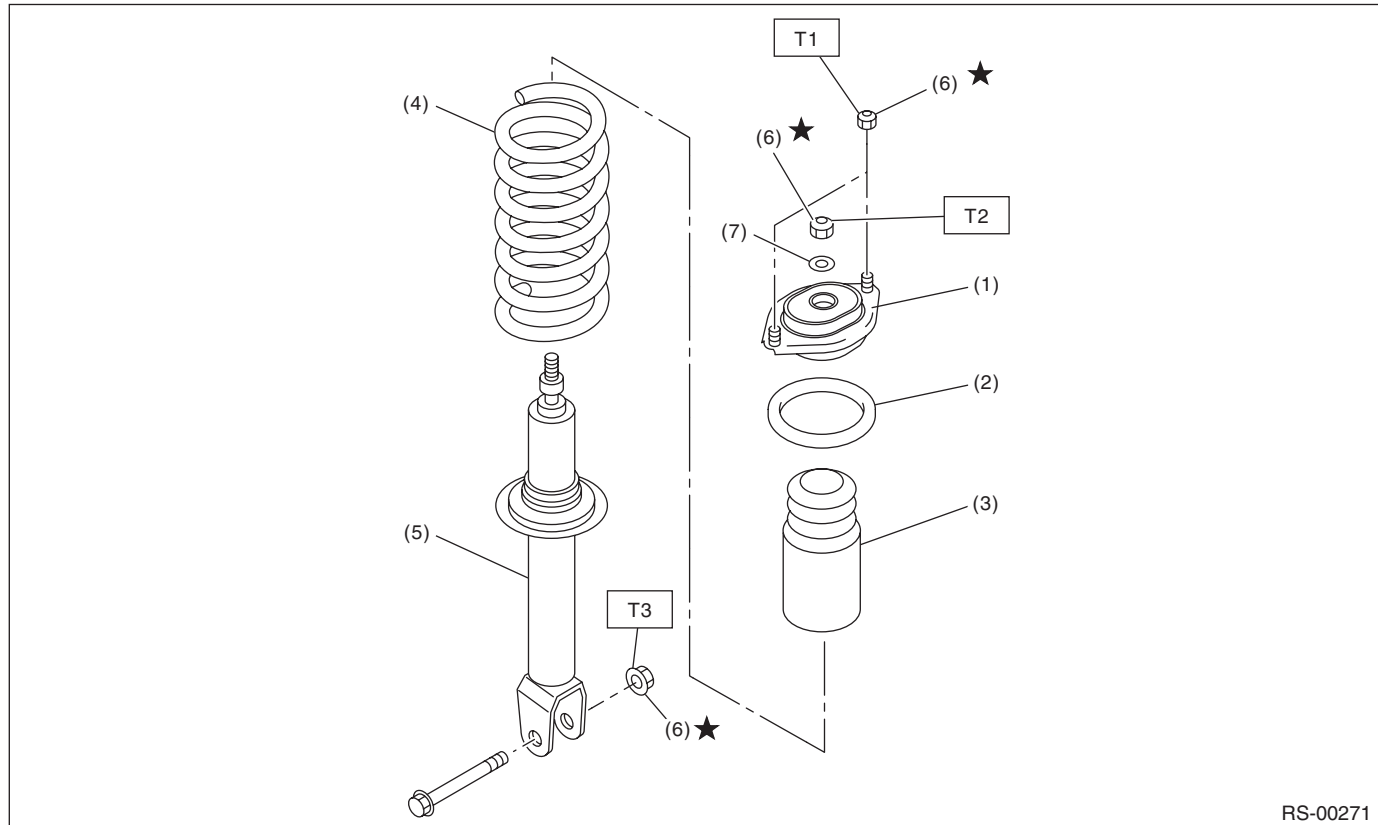
- | | |
|----------------------------|------------------------------------|
| (1) Shock absorber | (12) Front lateral link |
| (2) Self-locking nut | (13) Front lateral link bushing |
| (3) Rear stabilizer | (14) Snap pin |
| (4) Stabilizer bushing | (15) Front sub frame support plate |
| (5) Stabilizer clamp | (16) Rear sub frame |
| (6) Stabilizer link | (17) Rear sub frame stopper plate |
| (7) Rear lateral link | (18) Adjusting bolt |
| (8) Rear housing | (19) Adjusting washer |
| (9) Upper arm | (20) Flange nut |
| (10) Trailing link | (21) Rear housing bushing |
| (11) Trailing link bushing | |

Tightening torque:N·m (kgf·m, ft·lb)**T1: 30 (3.1, 22.4)****T2: 38 (3.9, 28)****T3: 60 (6.1, 44)****T4: 80 (8.2, 59)****T5: 120 (12.2, 89)****T6: 125 (12.7, 92)****T7: 200 (20.4, 148)**

General Description

REAR SUSPENSION

2. SHOCK ABSORBER



- | | |
|------------------------|----------------------|
| (1) Mount | (5) Shock absorber |
| (2) Upper rubber sheet | (6) Self-locking nut |
| (3) Dust cover | (7) Washer |
| (4) Coil spring | |

Tightening torque: N·m (kgf-m, ft-lb)

T1: 30 (3.1, 22.4)

T2: 35 (3.6, 26)

T3: 120 (12.2, 89)

C: CAUTION

Please understand and adhere to the following general precautions. They must be strictly followed to avoid any injury to the person doing the work or people in the area.

1. OPERATION

- Wear appropriate work clothing, including a cap, protective goggles and protective shoes when performing any work.
- Before disposing of shock absorbers, be sure to bleed the gas out completely. Also, do not expose to flames or 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 equivalent. Do not mix grease etc. of different grades or manufacturers.
- Before securing a part on a vise, place cushioning material such as wood blocks, aluminum plate, or cloth between the part and the vise.
- Be sure to tighten fasteners including bolts and nuts to the specified torque.
- Place shop jacks or rigid racks at the specified points.

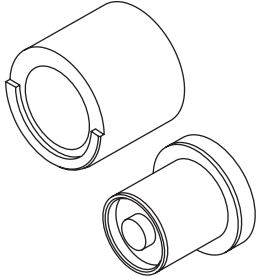
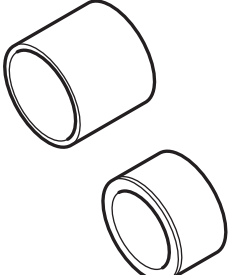
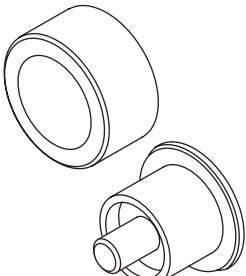
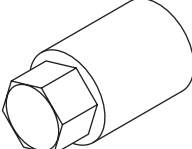
2. OIL

When handling oil, carefully observe the following to prevent unexpected accidents.

- Prepare a container and cloth when performing work which oil possibly spills. If oil spills, wipe it off immediately to prevent from penetrating into floor or flowing out, to protect the environmental.
- Follow all government regulations concerning disposal of refuse when disposing.

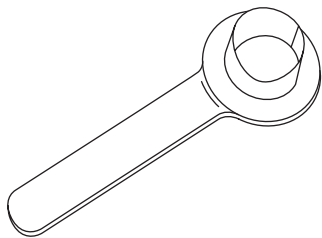
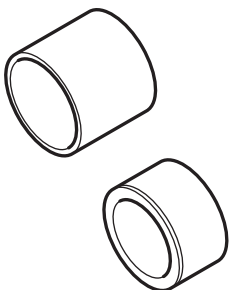
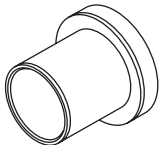
D: PREPARATION TOOL

1. SPECIAL TOOL

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 <p>ST20099AE000</p>	20099AE000	INSTALLER & REMOVER	Used for replacing the front lateral link bushing.
 <p>ST20099PA010</p>	20099PA010	INSTALLER & REMOVER	Used for replacing the rear trailing link bushing.
 <p>ST20099AE040</p>	20099AE040	INSTALLER & REMOVER SET	Used for replacing the rear trailing link bushing.
 <p>ST20399AG000</p>	20399AG000	STRUT MOUNT SOCKET	Used for removing and installing shock mount.

General Description

REAR SUSPENSION

ILLUSTRATION	TOOL NUMBER	DESCRIPTION	REMARKS
 ST28099PA090	28099PA090	OIL SEAL PROTECTOR	<ul style="list-style-type: none"> Used for installing the rear drive shaft to the rear differential. For oil seal protection
 ST20099PA010	20099PA010	INSTALLER & REMOVER	<ul style="list-style-type: none"> Used for replacing rear housing bushing. Used together with the BUSHING REMOVER (20099FG000).
 ST20099FG000	20099FG000	BUSHING REMOVER	<ul style="list-style-type: none"> Used for replacing rear housing bushing. Used together with INSTALLER & REMOVER (20099PA010) base.

2. GENERAL TOOL

TOOL NAME	REMARKS
Alignment tester	Used for measuring wheel alignment.
Toe-in gauge	Used for toe-in measurement.
Jack	Used for removing and installing suspension.
Bearing puller	Used for removing bushings.
Coil spring compressor	Used for disassembling and assembling shock absorber.