

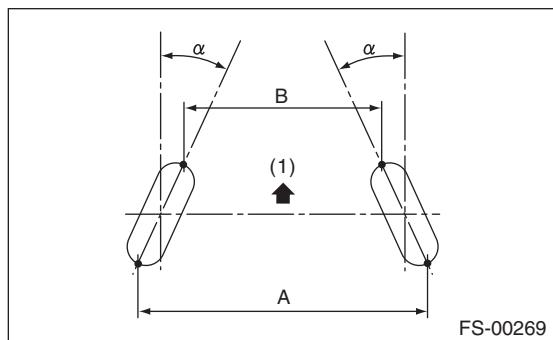
1. General Description

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.

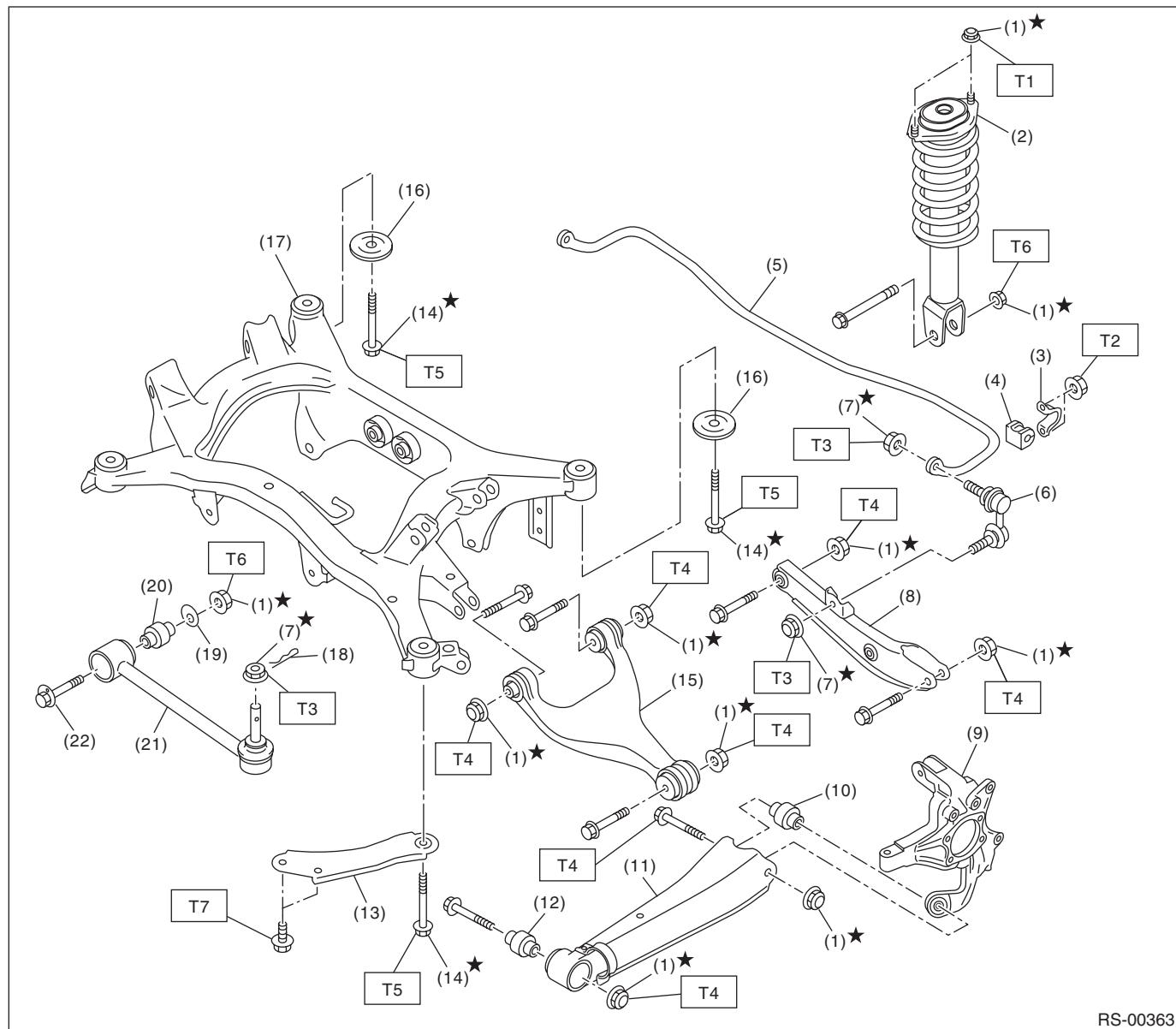


(1) Front

A – B = Positive: Toe-in, Negative: Toe-out
 α = Individual toe angles

B: COMPONENT

1. REAR SUSPENSION



(1) Self-locking nut	(12) Trailing link bushing
(2) Shock absorber	(13) Front sub frame support plate
(3) Stabilizer clamp	(14) Bolt
(4) Stabilizer bushing	(15) Upper arm
(5) Rear stabilizer	(16) Rear sub frame stopper plate
(6) Stabilizer link	(17) Rear sub frame
(7) Flange nut	(18) Snap pin
(8) Rear lateral link	(19) Adjusting washer
(9) Rear housing	(20) Front lateral link bushing
(10) Rear housing bushing	(21) Front lateral link
(11) Trailing link	(22) Adjusting bolt

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: 95 (9.7, 70)

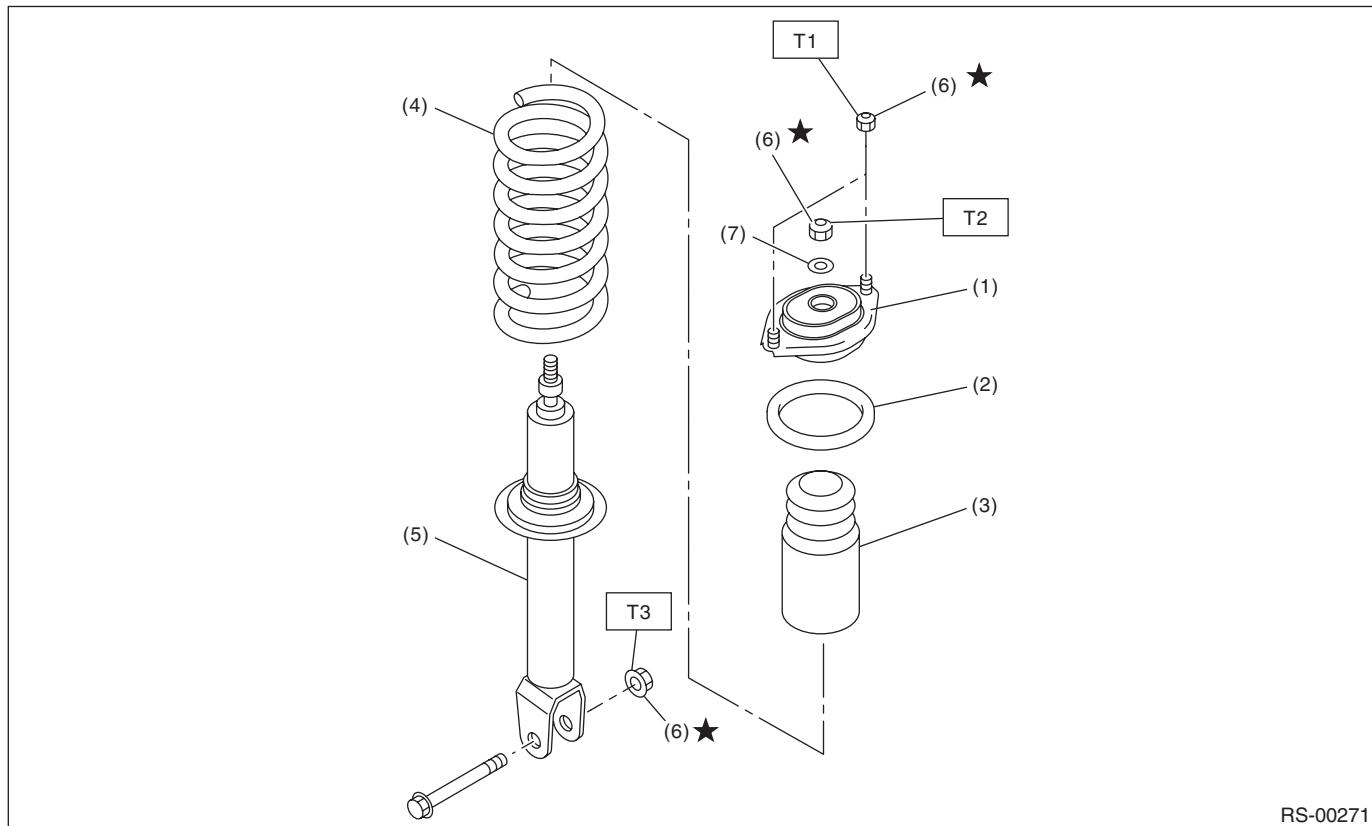
T6: 120 (12.2, 89)

T7: 125 (12.7, 92)

General Description

REAR SUSPENSION

2. SHOCK ABSORBER



- (1) Mount
- (2) Upper rubber sheet
- (3) Dust cover
- (4) Coil spring

- (5) Shock absorber
- (6) Self-locking nut
- (7) Washer

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 clearly understand and adhere to the following general precautions. They must be strictly followed to avoid minor or serious 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.

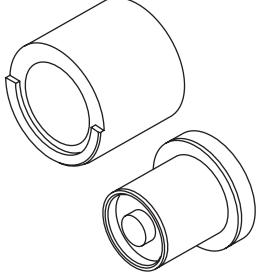
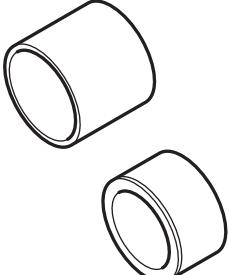
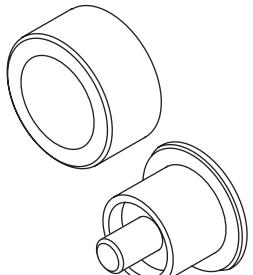
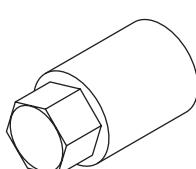
2. OIL

When handling oil, adhere to the following to prevent unexpected accident.

- Prepare container and waste cloths when performing work which oil could possibly spill. If oil spills, wipe it off immediately to prevent from penetrating into floor or flowing outside, for environmental protection.
- Follow all government regulations concerning disposal of refuse when disposing.

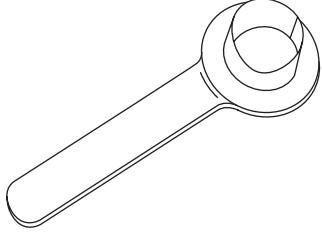
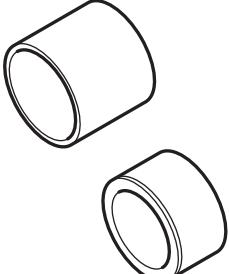
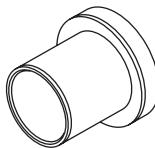
D: PREPARATION TOOL

1. SPECIAL TOOL

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

General Description

REAR SUSPENSION

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