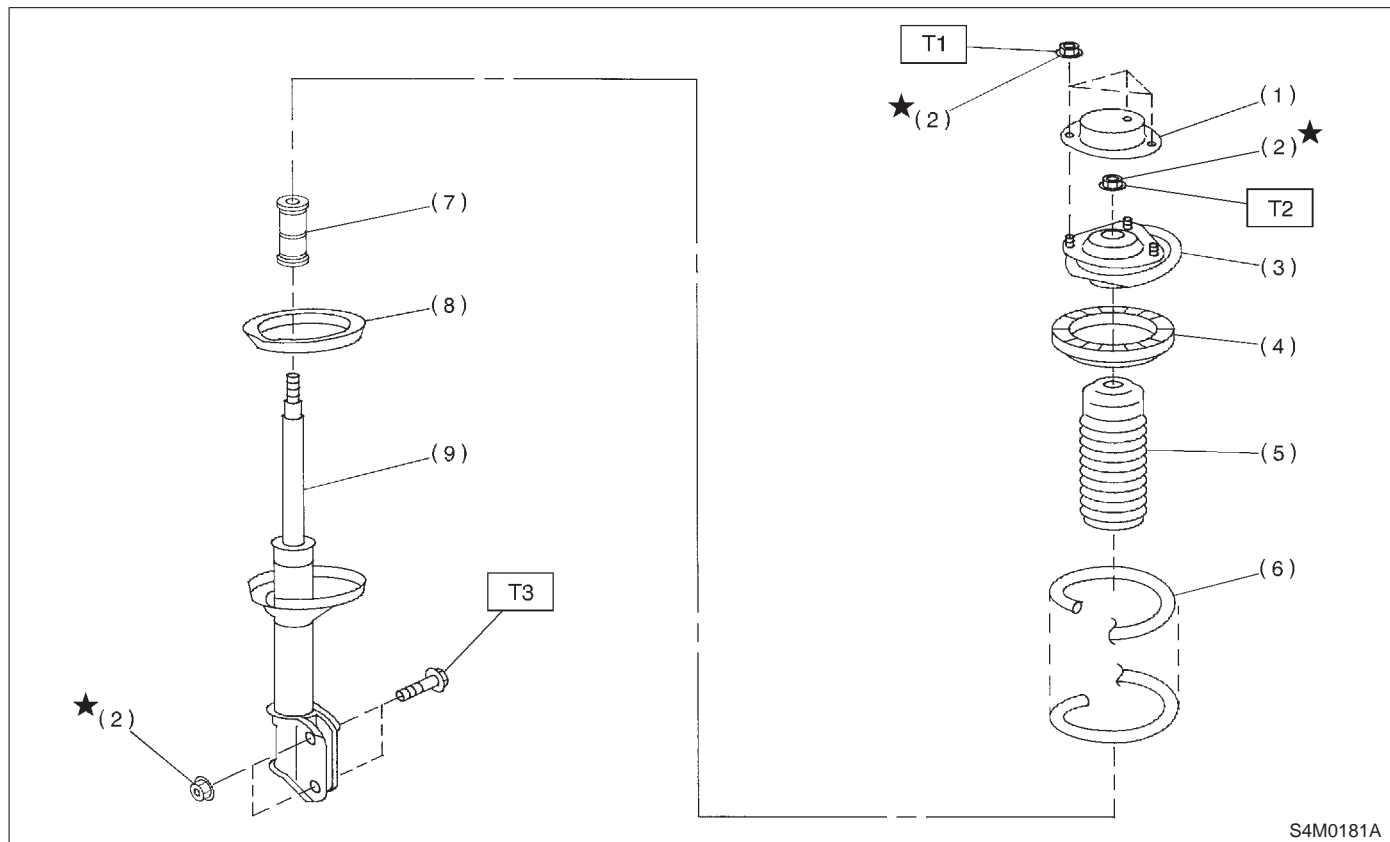


9. Rear Strut

A: REMOVAL



S4M0181A

- | | |
|-----------------------|-----------------------|
| (1) Strut mount cap | (7) Helper |
| (2) Self-locking nut | (8) Rubber seat lower |
| (3) Strut mount | (9) Damper strut |
| (4) Rubber seat upper | |
| (5) Dust cover | |
| (6) Coil spring | |

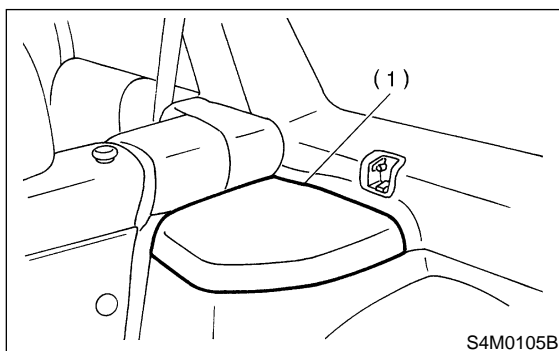
Tightening torque: N·m (kg·m, ft·lb)

T1: 20±6 (2.0±0.6, 14.5±4.3)

T2: 59±10 (6.0±1.0, 43±7)

T3: 196⁺³⁹/₋₁₀ (20.0^{+4.0}/_{-1.0}, 145⁺²⁹/₋₇)

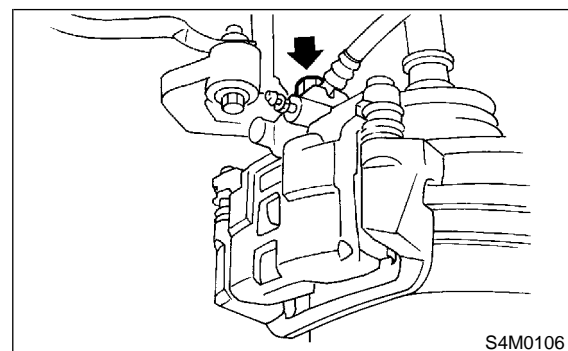
- 1) Depress brake pedal and secure it in that position using a wooden block, etc.
- 2) Remove strut cap of rear quarter trim.



S4M0105B

(1) Strut cap

- 5) Remove brake hose clip.
- 6) Models equipped with rear disc brakes: Remove union bolt from brake caliper.

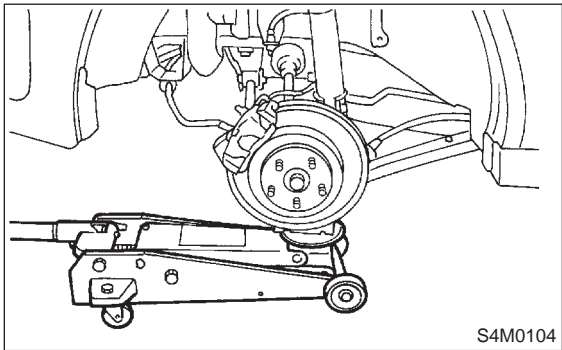


S4M0106

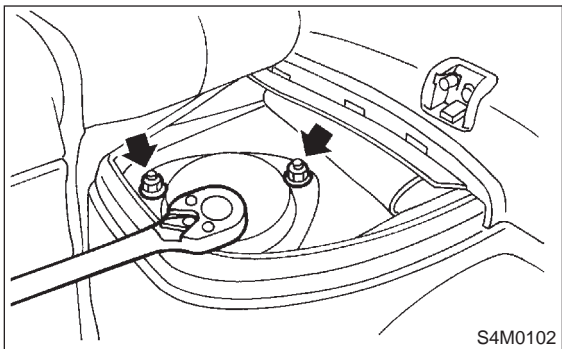
- 3) Loosen rear wheel nuts.
- 4) Jack-up vehicle, support it with safety stands (rigid racks) and remove rear wheels.

- 7) Models equipped with rear drum brakes: Disconnect brake hose from brake pipe from strut, and disconnect brake pipe from drum brake.

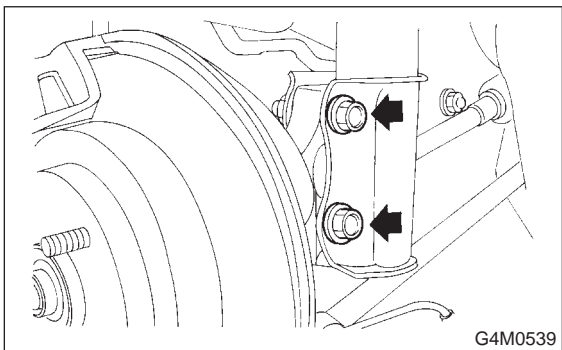
8) Use a garage jack to support the rear housing.



9) Remove nuts securing strut mount to body.



10) Remove bolts which secure rear strut to housing.



11) Remove strut mount.

B: DISASSEMBLY

For disassembly of rear strut, refer to procedures outlined under Front Strut as a guide. <Ref. to 4-1 [W4B0].>

C: INSPECTION

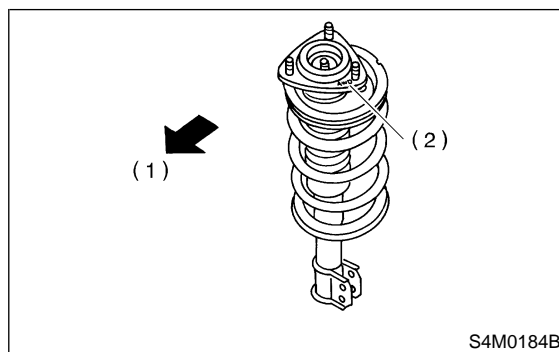
Refer to Front Strut as a guide for inspection procedures. <Ref. to 4-1 [W4C0].>

D: ASSEMBLY

Refer to Front Strut as a guide for assembly procedures. <Ref. to 4-1 [W4D0].>

CAUTION:

- Install rear strut with “4WD” mark on strut mount facing outside of vehicle body.
- Insert the protrusion of lower rubber seat into the strut spring seat hole.



- (1) Front of vehicle
(2) “4WD” mark

E: INSTALLATION

- 1) Install strut mount cap.
- 2) Tighten self-locking nut used to secure strut mount to vehicle body.

CAUTION:

Use a new self-locking nut.

NOTE:

Tighten strut mount and cap as a unit.

Tightening torque:

20 ± 6 N·m (2.0 ± 0.6 kg·m, 14.5 ± 4.3 ft·lb)

- 3) Tighten bolts securing rear strut to housing.

Tightening torque:

**196^{+39}_{-10} N·m ($20.0^{+4.0}_{-1.0}$ kg·m,
 145^{+29}_{-7} ft·lb)**

CAUTION:

Use a new self-locking nut.

- 4) Models with rear disc brakes:
Tighten brake hose union bolt on brake caliper.

Tightening torque:

18 ± 3 N·m (1.8 ± 0.3 kg·m, 13.0 ± 2.2 ft·lb)

Models with rear drum brakes:
Connect brake hose to brake pipe.

Tightening torque:

15^{+3}_{-2} N·m ($1.5^{+0.3}_{-0.2}$ kg·m, $10.8^{+2.2}_{-1.4}$ ft·lb)

- 5) Insert brake hose clip between brake hose and lower side of strut.

CAUTION:

- Check that hose clip is positioned properly.
- Check brake hose for twisting, or excessive tension.
- Do not subject ABS sensor harness to excessive tension.

- 6) Be sure to bleed air from brake system.
- 7) Lower vehicle and tighten wheel nut.

Tightening torque:

88 ± 10 N·m (9 ± 1 kg·m, 65 ± 7 ft·lb)

- 8) Install strut cap of rear quarter trim.

NOTE:

Check wheel alignment and adjust if necessary.