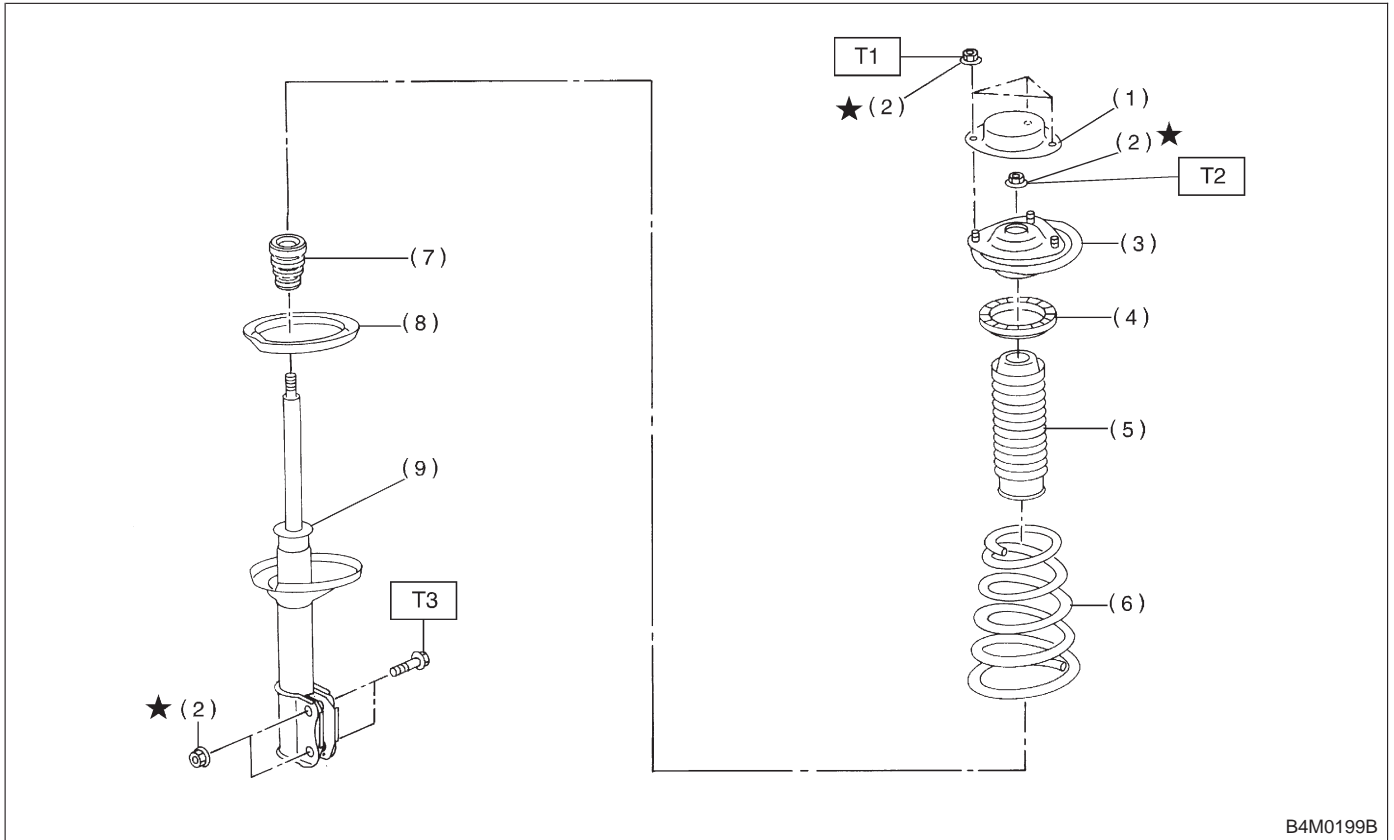


9. Rear Strut

A: REMOVAL



- | | |
|-----------------------|-----------------------|
| (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 | |

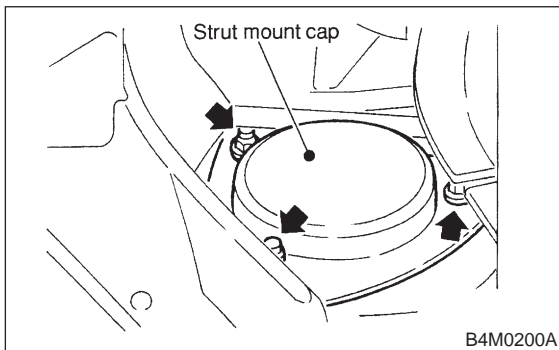
Tightening torque: N-m (kg-m, ft-lb)

T1: 20±6 (2.0±0.6, 14.5±4.3)

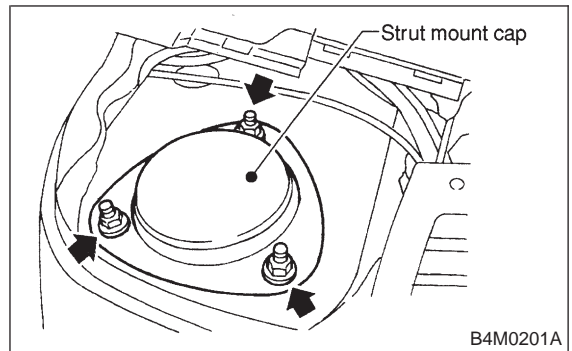
T2: 59±10 (6.0±1.0, 43±7)

**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 rear seat cushion and backrest. (Sedan)

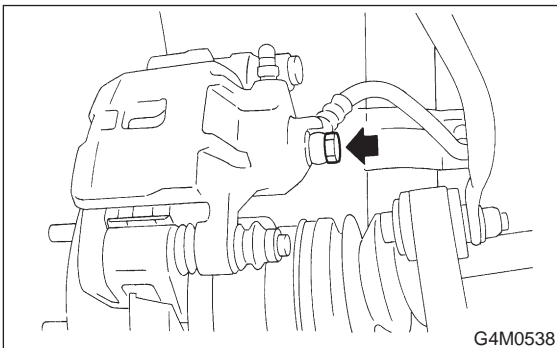


- 3) Remove strut cap of rear quarter trim. (Wagon)

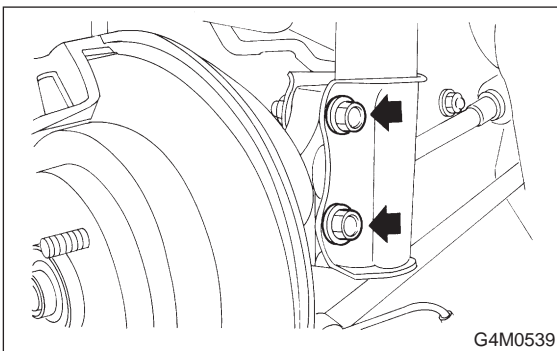


- 4) Loosen rear wheel nuts.
- 5) Jack-up vehicle, support it with safety stands (rigid racks) and remove rear wheels.
- 6) Remove brake hose clip.

- 7) Models equipped with rear disc brakes:
Remove union bolt from brake caliper.



- 8) Models equipped with rear drum brakes:
Disconnect brake hose from brake pipe from strut,
and disconnect brake pipe from drum brake.
9) Remove bolts which secure rear strut to housing.



- 10) Remove nuts securing strut mount to body.
11) Remove strut mount cap.

B: DISASSEMBLY

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

C: INSPECTION

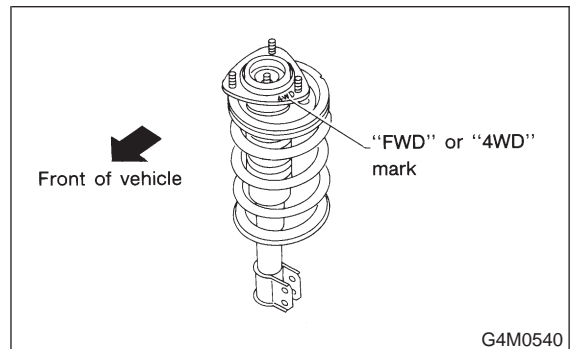
Refer to Front Strut as a guide for inspection procedures. <Ref. to 4-1 [W4C0].>

D: ASSEMBLY

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

CAUTION:

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



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:

$20 \pm 6 \text{ N}\cdot\text{m}$ ($2.0 \pm 0.6 \text{ kg}\cdot\text{m}$, $14.5 \pm 4.3 \text{ ft}\cdot\text{lb}$)

- 3) Tighten bolts securing rear strut to housing.

Tightening torque:

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

CAUTION:

Use a new self-locking nut.

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

Tightening torque:

$18 \pm 3 \text{ N}\cdot\text{m}$ ($1.8 \pm 0.3 \text{ kg}\cdot\text{m}$, $13.0 \pm 2.2 \text{ ft}\cdot\text{lb}$)

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

Tightening torque:

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

- 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.

- Models equipped with ABS:

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) Sedan:

Install rear seat backrest and rear seat cushion.

Wagon:

Install strut cap of rear quarter trim.

NOTE:

Check wheel alignment and adjust if necessary.