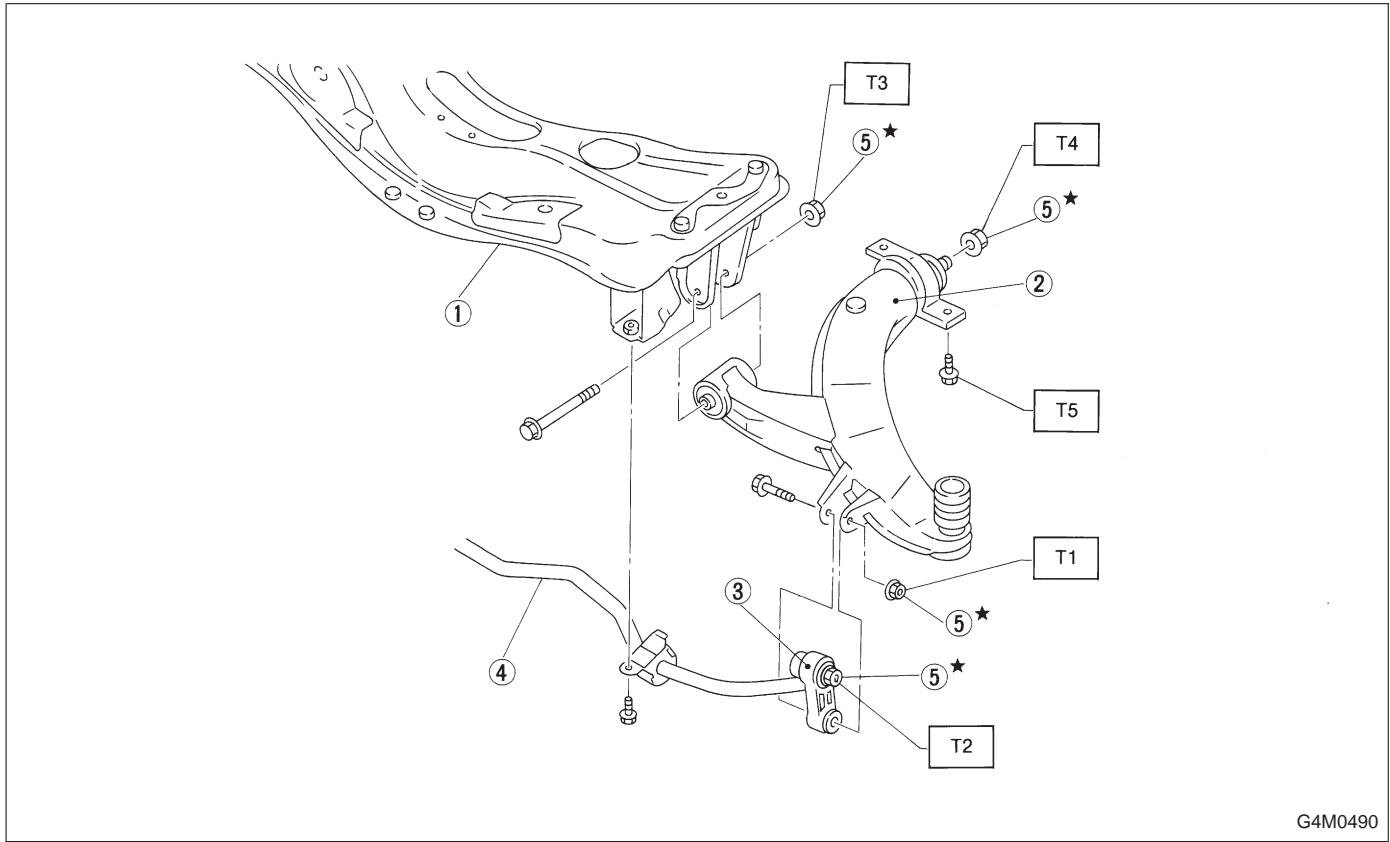


2. Front Transverse Link

A: REMOVAL



G4M0490

- ① Front crossmember
- ② Transverse link
- ③ Stabilizer link
- ④ Front stabilizer
- ⑤ Self-locking nut

Tightening torque: N·m (kg·m, ft·lb)

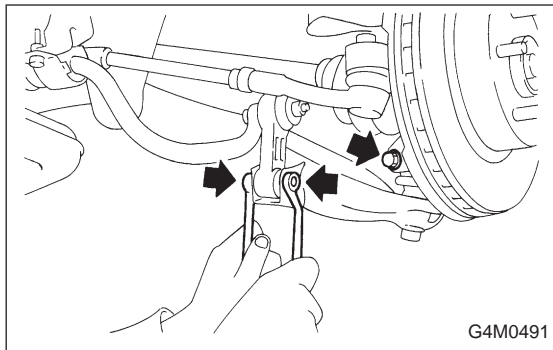
T1: 29±5 (3.0±0.5, 21.7±3.6)

T2: 44±6 (4.5±0.6, 32.5±4.3)

T3: 98±15 (10.0±1.5, 72±11)

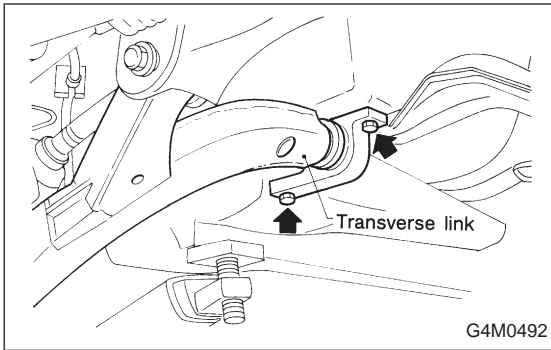
T4: 186±10 (19.0±1.0, 137±7)

T5: 245±49 (25.0±5.0, 181±36)

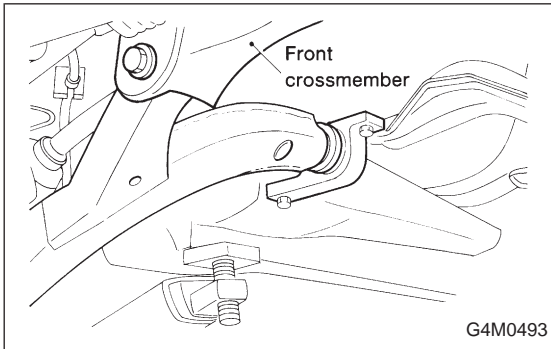


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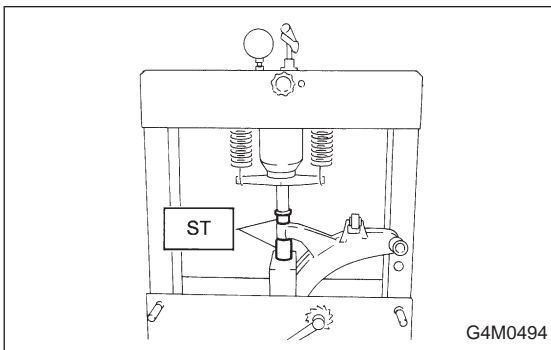
- 1) Disconnect stabilizer link from transverse link.
- 2) Remove bolt securing ball joint of transverse link to housing.



- 3) Remove nut (do not remove bolt.) securing transverse link to crossmember.
- 4) Remove two bolts securing bushing bracket of transverse link to vehicle body at rear bushing location.



- 5) Extract ball joint from housing.
- 6) Remove bolt securing transverse link to crossmember and extract transverse link from crossmember.

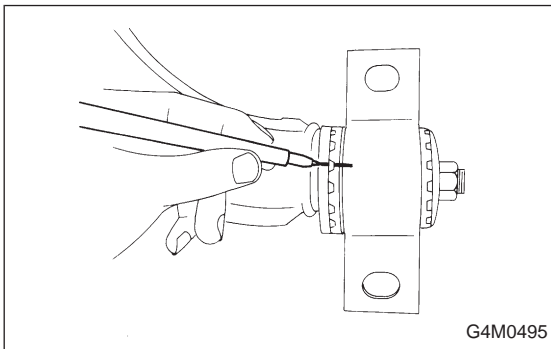


B: DISASSEMBLY

1. FRONT BUSHING

Using ST, press front bushing out of place.

ST 927680000 INSTALLER & REMOVER SET

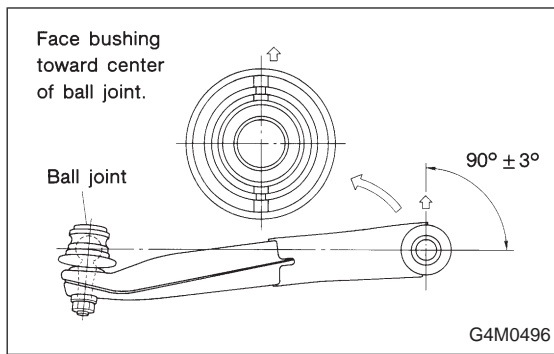


2. REAR BUSHING

- 1) Scribe an aligning mark on transverse link and rear bushing.
- 2) Loosen nut and remove rear bushing.

C: INSPECTION

- 1) Check transverse link for wear, damage and cracks, and correct or replace if defective.
- 2) Check bushings for cracks, wear, damage and creeping.
- 3) Check rear bushing for oil leaks.
- 4) If defective, replace with new one.



D: ASSEMBLY

1. FRONT BUSHING

To reassemble, reverse disassembly procedures.

CAUTION:

Install front bushing in correct direction, as shown in figure.

2. REAR BUSHING

- 1) Install rear bushing to transverse link and align aligning marks scribed on the two.
- 2) Tighten self-locking nut.

CAUTION:

- Discard loosened self-locking nut and replace with a new one.
- While holding rear bushing so as not to change position of aligning marks, tighten self-locking nut.

Tightening torque:

186±10 N·m (19.0±1.0 kg-m, 137±7 ft-lb)

E: INSTALLATION

- 1) Temporarily tighten the two bolts used to secure rear bushing of the transverse link to body.

NOTE:

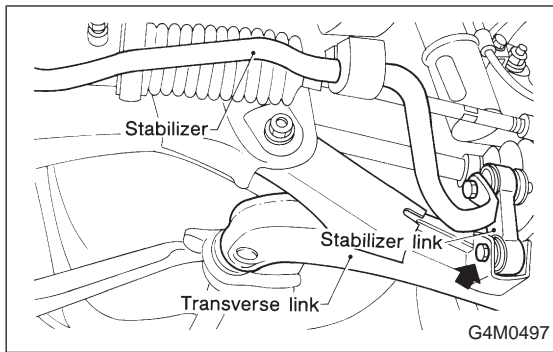
These bolts should be tightened to such an extent that they can still move back and forth in the oblong shaped hole in the bracket (which holds the bushing).

- 2) Install bolts used to connect transverse link to cross-member and temporarily tighten with nut.

CAUTION:

Discard loosened self-locking nut and replace with a new one.

- 3) Insert ball joint into housing.



4) Connect stabilizer link to transverse link, and temporarily tighten bolts.

CAUTION:

Discard loosened self-locking nut and replace with a new one.

5) Tighten the following points in the order shown below when wheels are in full contact with the ground and vehicle is at curb weight condition.

- (1) Transverse link and stabilizer link

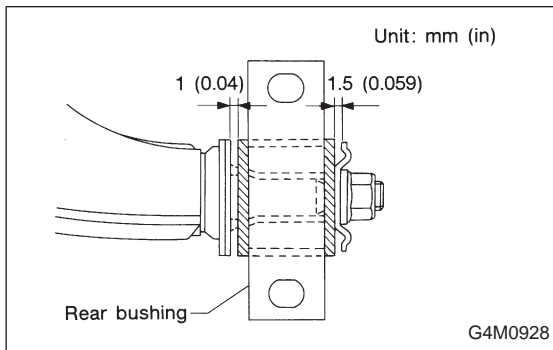
Tightening torque:

$29 \pm 5 \text{ N}\cdot\text{m}$ ($3.0 \pm 0.5 \text{ kg}\cdot\text{m}$, $21.7 \pm 3.6 \text{ ft}\cdot\text{lb}$)

- (2) Transverse link and crossmember

Tightening torque:

$98 \pm 15 \text{ N}\cdot\text{m}$ ($10.0 \pm 1.5 \text{ kg}\cdot\text{m}$, $72 \pm 11 \text{ ft}\cdot\text{lb}$)



- (3) Transverse link rear bushing and body

Tightening torque:

$245 \pm 49 \text{ N}\cdot\text{m}$ ($25 \pm 5 \text{ kg}\cdot\text{m}$, $181 \pm 36 \text{ ft}\cdot\text{lb}$)

NOTE:

- Move rear bushing back and forth until transverse link-to-rear bushing clearance is established (as indicated in figure.) before tightening.
- Check wheel alignment and adjust if necessary.