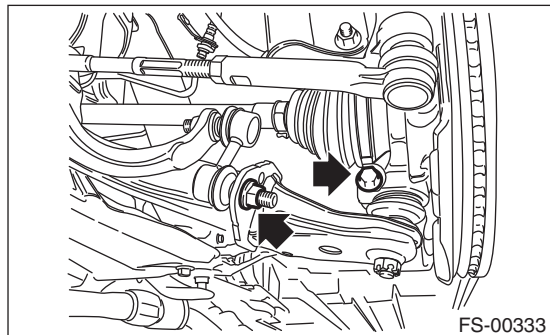


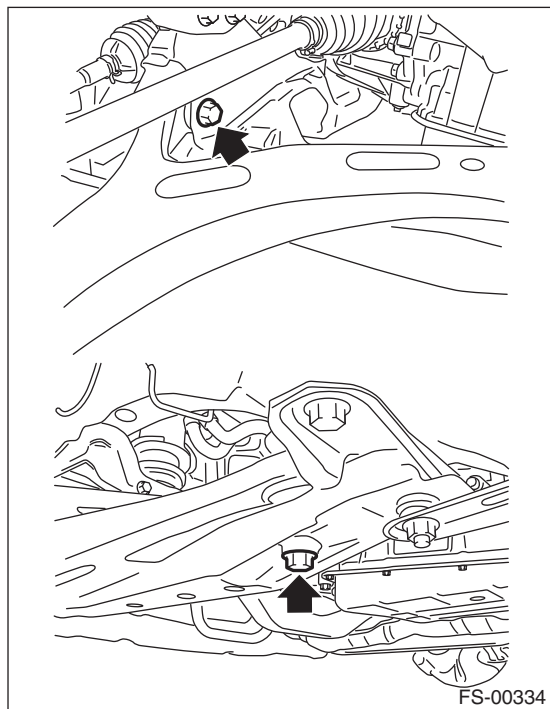
6. Front Arm

A: REMOVAL

- 1) Lift up the vehicle, and then remove the front wheels.
- 2) Remove the front stabilizer link.
- 3) Remove the ball joint of front arm.



- 4) Remove the bolts, then remove the front arm.

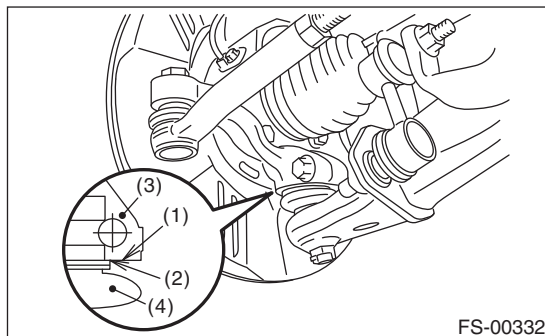


B: INSTALLATION

- 1) Using new self-locking nuts, temporary tighten the front arm.
- 2) Install the ball joint into housing.

CAUTION:

Before tightening, make sure the lower side of housing and stepped section of ball joint are in contact.



- (1) Housing bottom
- (2) Raised section of ball joint
- (3) Housing
- (4) Ball joint

Tightening torque:

50 N·m (5.1 kgf-m, 36.9 ft-lb)

- 3) Install the stabilizer link.

Tightening torque:

60 N·m (6.1 kgf-m, 44.3 ft-lb)

- 4) Install the front wheels.
- 5) Unload the vehicle from lift, and tighten the bolt which secures the front arm to cradle with wheels in full contact with the ground and the vehicle at curb weight.

Tightening torque:

Front bushing side

95 N·m (9.7 kgf-m, 70.1 ft-lb)

Rear bushing side

140 N·m (14.3 kgf-m, 103.3 ft-lb)

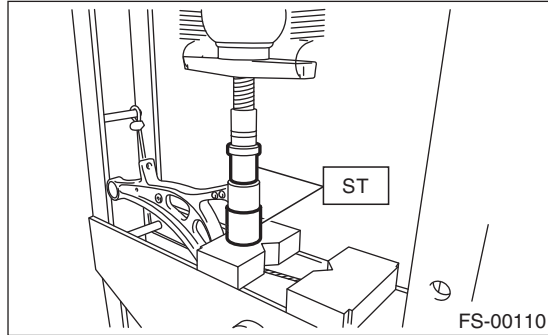
- 6) Inspect the wheel alignment and adjust if necessary.

C: DISASSEMBLY

1. FRONT BUSHING

Using the ST and a press, remove the front bushing.

ST 927680000 INSTALLER & REMOVER SET

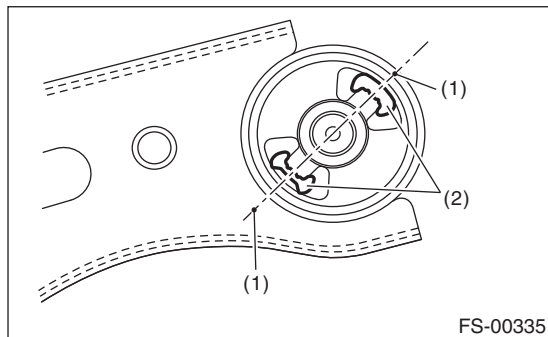


2. REAR BUSHING

1) Put an alignment mark on the front arm based on the center of rear bushing recess portion.

CAUTION:

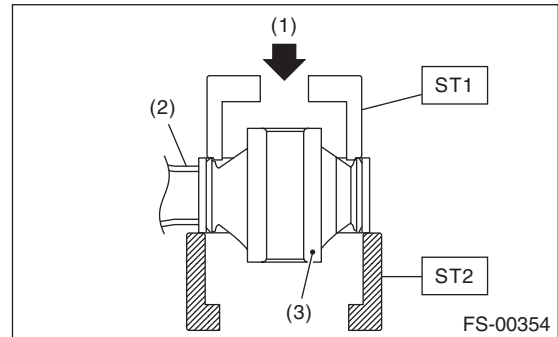
Always put an alignment mark for aligning the position on bushing installation.



- (1) Put an alignment mark.
- (2) Recess section

2) Using the ST and a press, remove the rear bushing.

ST1 20299AG000 REMOVER
ST2 20299AG010 BASE



- (1) PRESS
- (2) Front arm
- (3) Rear bushing

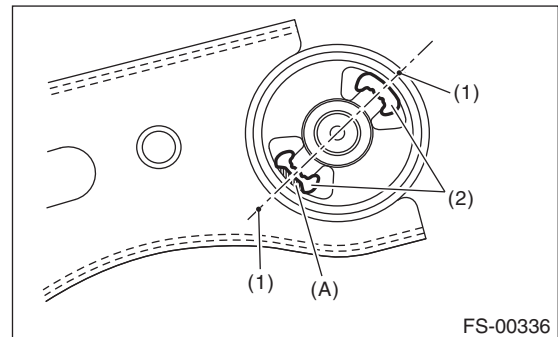
D: ASSEMBLY

1. FRONT BUSHING

Assemble in the reverse order of disassembly.

2. REAR BUSHING

1) Align the center of recess portion with the alignment mark on the front arm, with the protrusion (A) of recess portion facing the front side of vehicle.



- (1) Alignment mark
- (2) Recess section

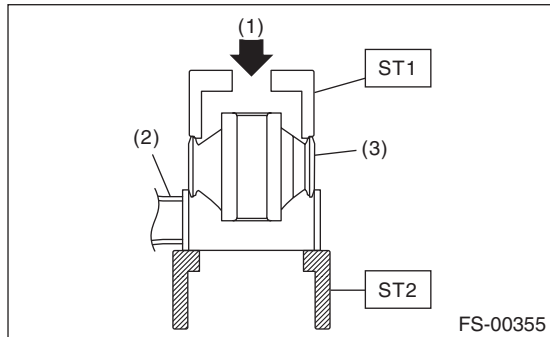
Front Arm

FRONT SUSPENSION

2) Using the ST and a press, install the rear bushing.

ST1 20299AG000 REMOVER

ST2 20299AG010 BASE



- (1) PRESS
- (2) Front arm
- (3) Rear bushing

E: INSPECTION

1) Check the front arm for damage or cracks, and replace if defective.

2) Check the bushing for abnormal fatigue or damage.