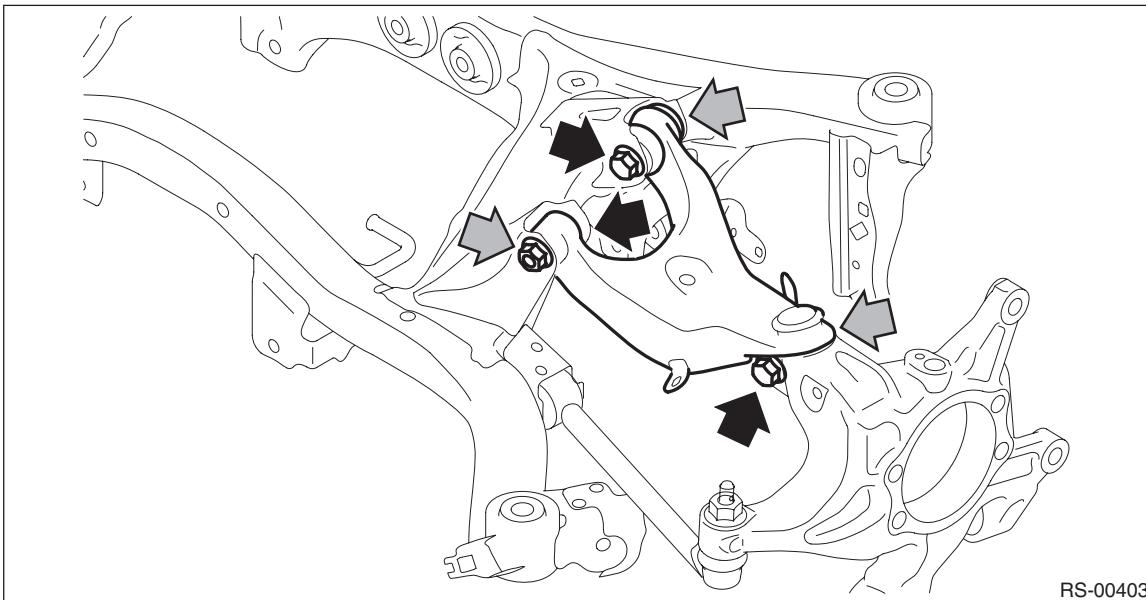


6. Upper Arm

A: REMOVAL

- 1) Remove the rear sub frame assembly. <Ref. to RS-9, REMOVAL, Rear Sub Frame.>
- 2) Remove the bolts and nuts to remove the upper arm assembly.

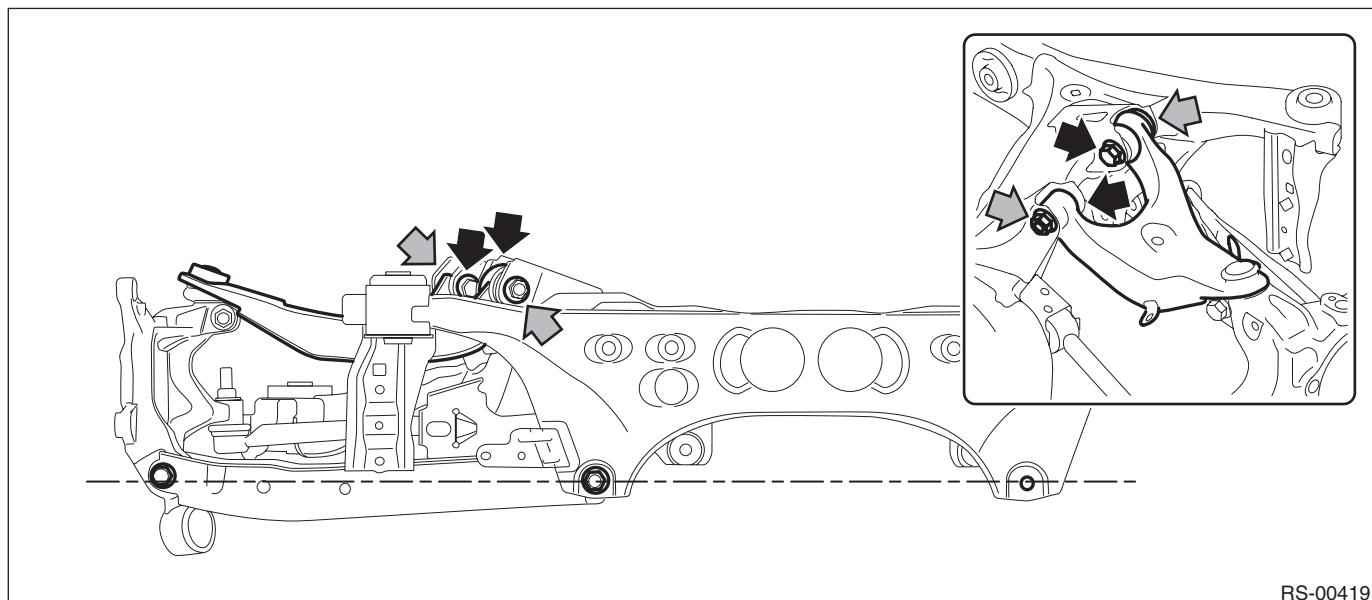


B: INSTALLATION

CAUTION:

- Use a new self-locking nut.
- Always tighten the bushing when the arm is positioned in the state where the vehicle is at curb weight and the wheels are in full contact with the ground.

- 1) Before installation, inspect the following items and replace any faulty part with a new one.
 - Visually check the upper arm assembly for damage and deformation.
 - Visually check the bushing for abnormal cracks, fatigue or damage.
 - Visually check the dust cover on the ball joint for abnormal cracks, fatigue or damage.
- 2) Install the upper arm assembly to the rear sub frame assembly.
 - (1) Make the installation sections of the rear lateral link assembly (the bolt on the housing assembly - rear axle side and the bolt on the rear sub frame assembly side) horizontal.
 - (2) Install the upper arm assembly to the rear sub frame assembly.



Tightening torque:

Upper arm assembly — rear sub frame assembly: 90 N·m (9.18 kgf·m, 66.4 ft-lb)

- 3) Connect the upper arm assembly and the housing assembly - rear axle.

Tightening torque:

Upper arm assembly — housing assembly - rear axle: 80 N·m (8.16 kgf·m, 59.0 ft-lb)

- 4) Install the rear sub frame assembly in the reverse order of removal. <Ref. to RS-13, INSTALLATION, Rear Sub Frame.>
- 5) Route the rear ABS wheel speed sensor cable to the upper arm assembly.
- 6) Install the rear wheels.

Tightening torque:

120 N·m (12.24 kgf·m, 88.5 ft-lb)

- 7) Inspect the wheel alignment and adjust if necessary.
 - Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.>
 - Adjustment: <Ref. to FS-12, ADJUSTMENT, Wheel Alignment.>

CAUTION:

When the wheel alignment has been adjusted, perform “VDC sensor midpoint setting mode” of the VDC.

- 8) Connect the battery ground terminal.
- 9) Perform reinitialization of the auto headlight beam leveler system. (Model with auto headlight beam leveler) <Ref. to LI-17, PROCEDURE, Auto Headlight Beam Leveler System.>