

6. Upper Arm

A: REMOVAL

- 1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

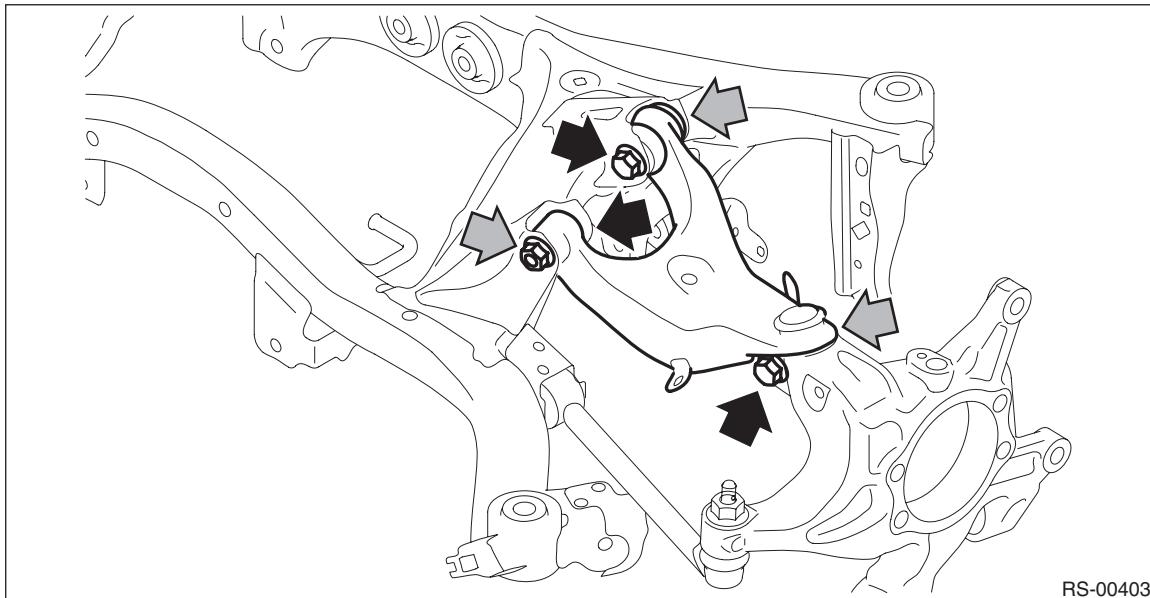
NOTE:

For models other than STI model, disconnect the ground terminal from battery sensor.

- 2) Lift up the vehicle, and then remove the rear wheels.

- 3) Remove the rear sub frame assembly. <Ref. to RS-9, REMOVAL, Rear Sub Frame.>

- 4) Remove the bolts and nuts to remove the upper arm assembly.

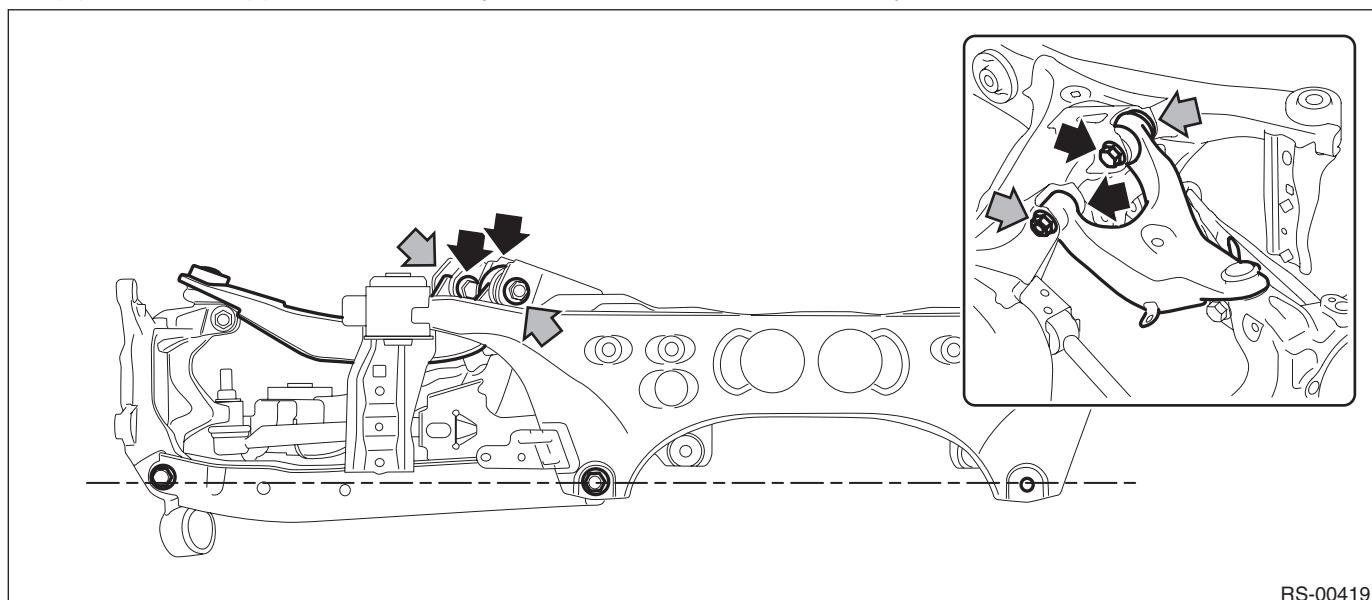


B: INSTALLATION

CAUTION:

- For parts which are not reusable, always use new parts.
- 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.
 - (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.



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Tightening torque:

Upper arm assembly — rear sub frame assembly: 90 N·m (9.2 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 (8.2 kgf-m, 59.0 ft-lb)

- 4) Install the rear sub frame assembly. <Ref. to RS-12, INSTALLATION, Rear Sub Frame.>
- 5) Install the rear wheels and lower the vehicle.

Tightening torque:

120 N·m (12.2 kgf-m, 88.5 ft-lb)

- 6) Inspect the wheel alignment and adjust if necessary.
 - Inspection: <Ref. to FS-10, INSPECTION, Wheel Alignment.>
 - Adjustment: <Ref. to FS-15, ADJUSTMENT, Wheel Alignment.>

CAUTION:

When the wheel alignment has been adjusted, perform “VDC sensor midpoint setting mode” of the VDC. <Ref. to VDC-16, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

- 7) Connect the battery ground terminal. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

For models other than STI model, connect the ground terminal to battery sensor.

- 8) Perform reinitialization of the auto headlight beam leveler system. (Model with auto headlight beam leveler) <Ref. to LI-16, PROCEDURE, Auto Headlight Beam Leveler System.>