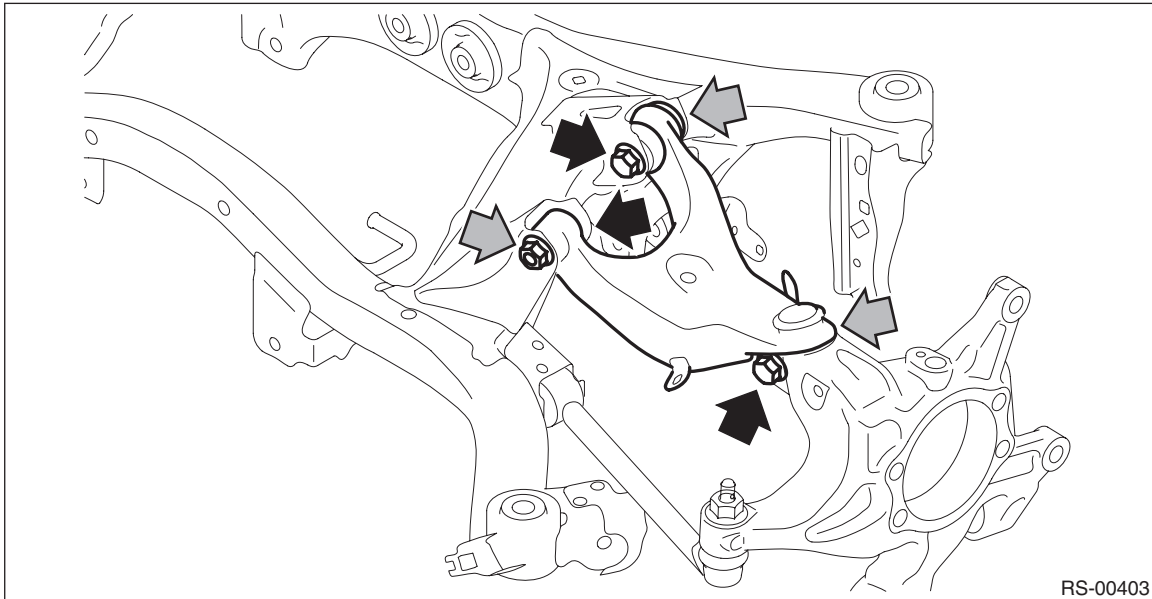


6. Upper Arm

A: REMOVAL

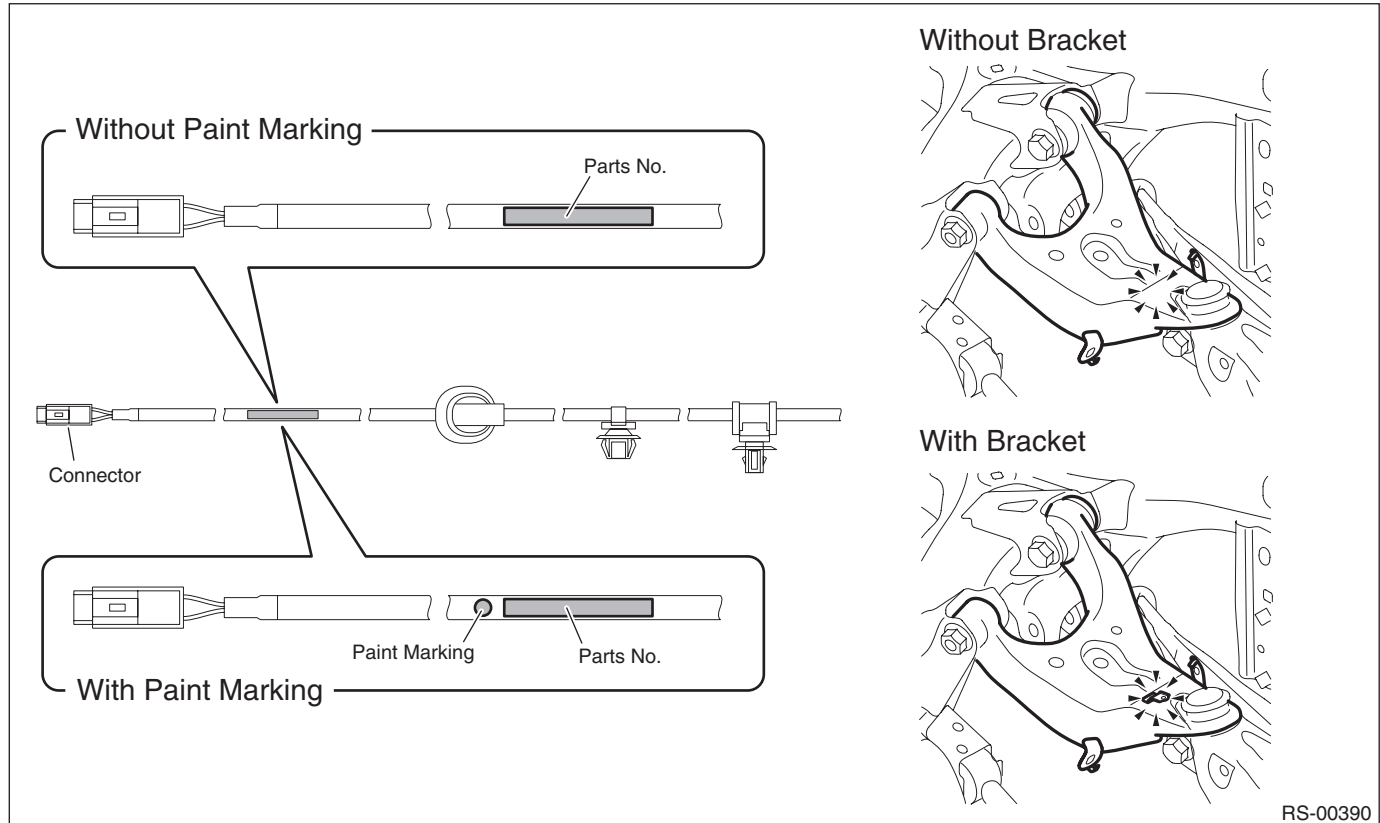
- 1) Remove the rear sub frame assembly. <Ref. to RS-9, REMOVAL, Rear Sub Frame.>
- 2) Remove the bolts and nuts to remove the upper arm assembly.



B: INSTALLATION

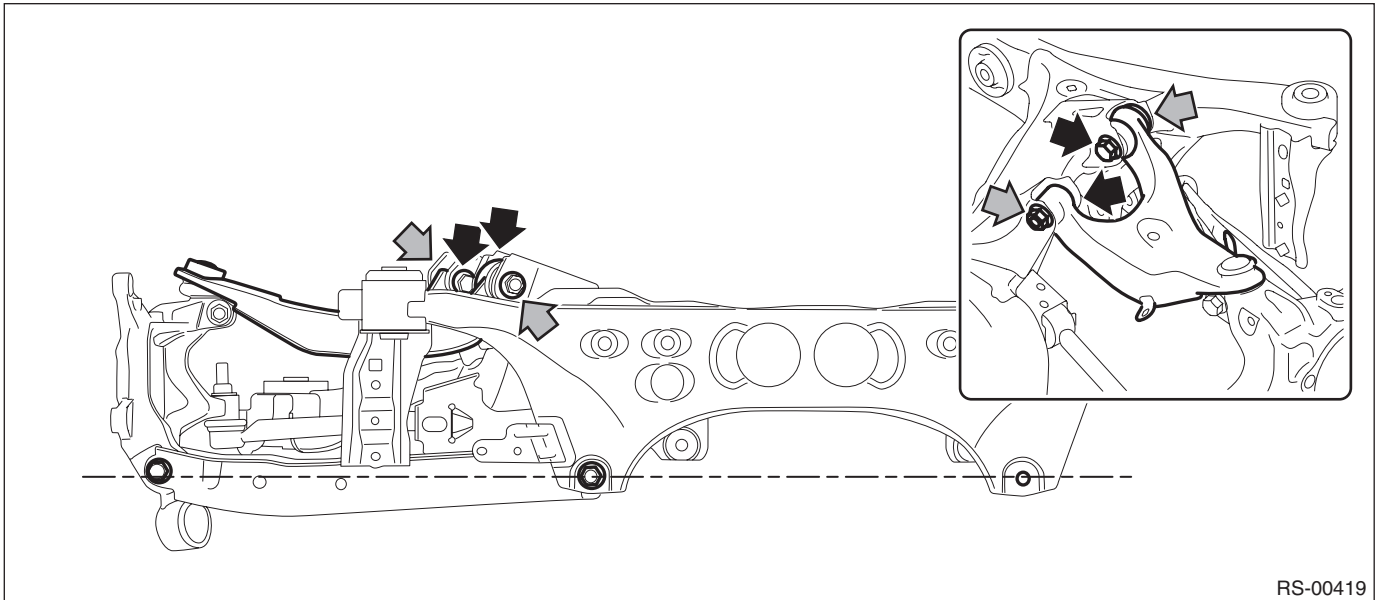
CAUTION:

- 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.
- Before installing the upper arm assembly, confirm the shape of the upper arm assembly and check if there is a paint marking on the rear ABS wheel speed sensor. Mismatching of the upper arm assembly and the rear ABS wheel speed sensor may cause an open circuit of the rear ABS wheel speed sensor while driving.



- 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.



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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.>

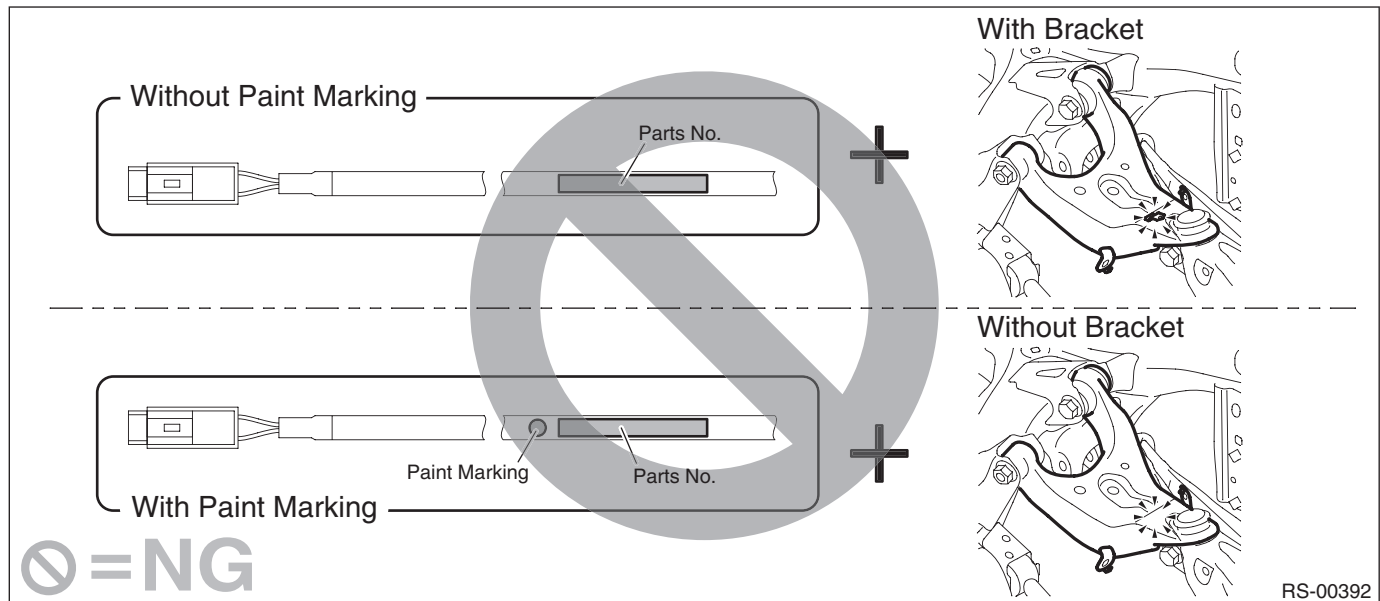
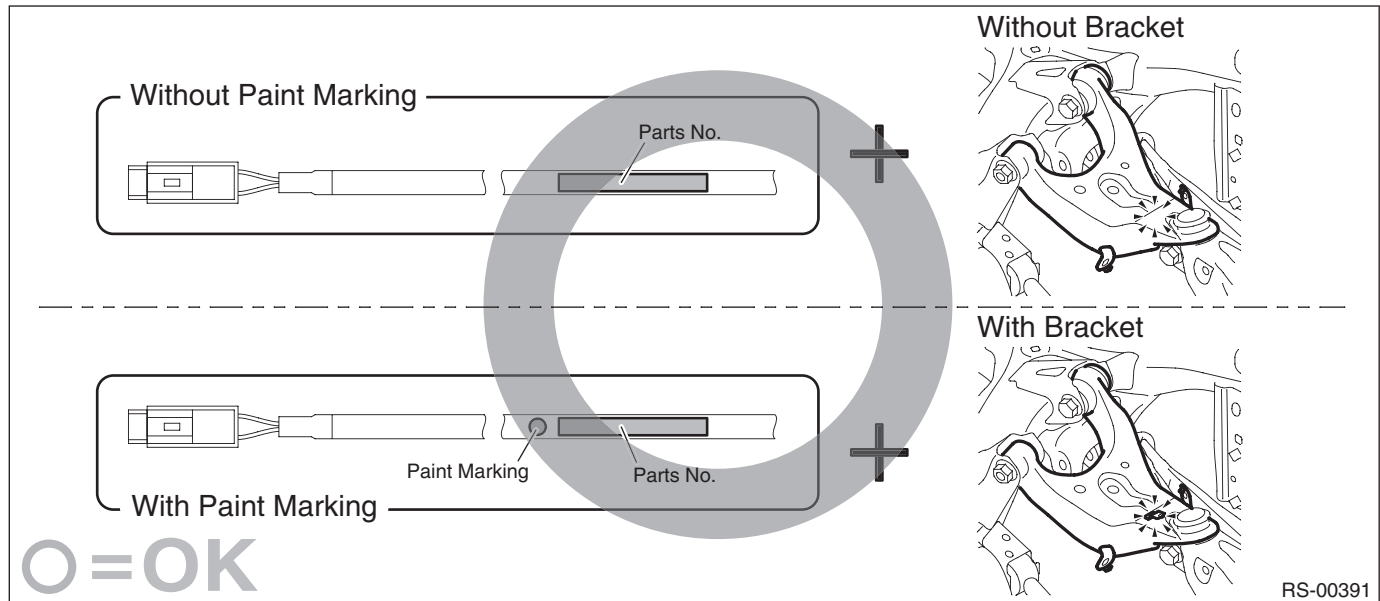
Upper Arm

REAR SUSPENSION

5) Route the rear ABS wheel speed sensor cable to the upper arm assembly.

CAUTION:

Confirm the bracket of the upper arm assembly and the marking of the rear ABS wheel speed sensor harness, and make sure not to mismatch these parts.



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-11, 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-19, PROCEDURE, Auto Headlight Beam Leveler System.>