

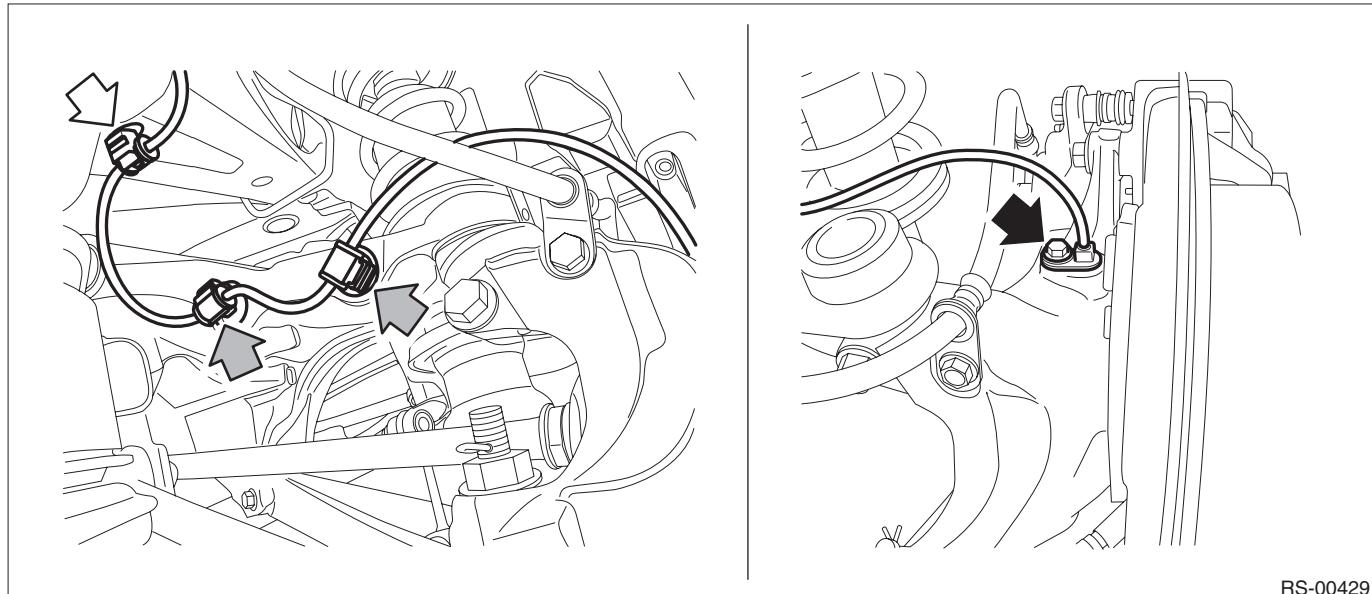
3. Rear Sub Frame

A: REMOVAL

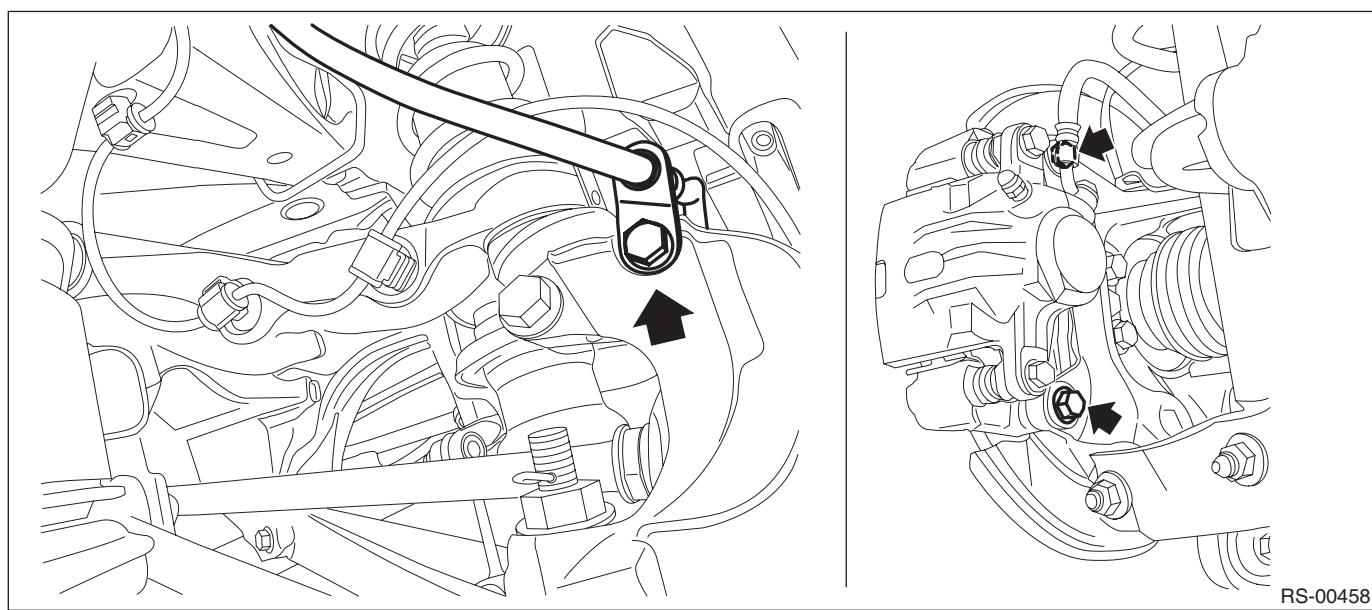
- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle, and then remove the rear wheels.
- 3) Remove the propeller shaft assembly. <Ref. to DS-11, REMOVAL, Propeller Shaft.>
- 4) Remove the rear ABS wheel speed sensor from the housing assembly - rear axle.
 - (1) Remove the bolts, and remove the rear ABS wheel speed sensor.
 - (2) Remove the rear ABS wheel speed sensor harness from the upper arm assembly.

CAUTION:

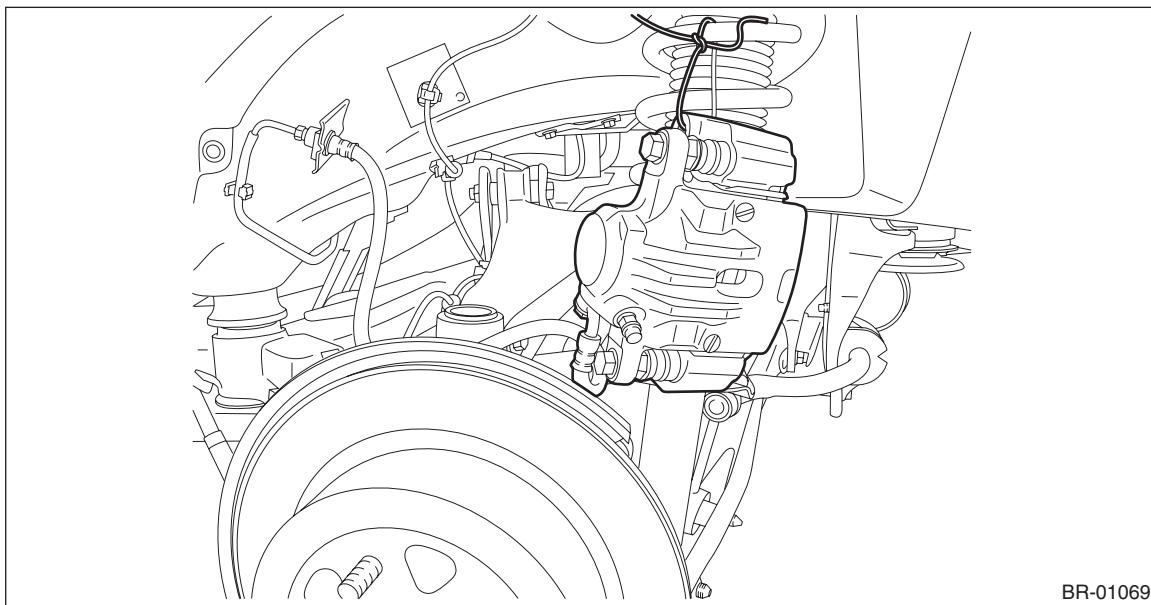
- Be careful not to damage the sensor.
- Do not apply excessive force to the sensor harness.



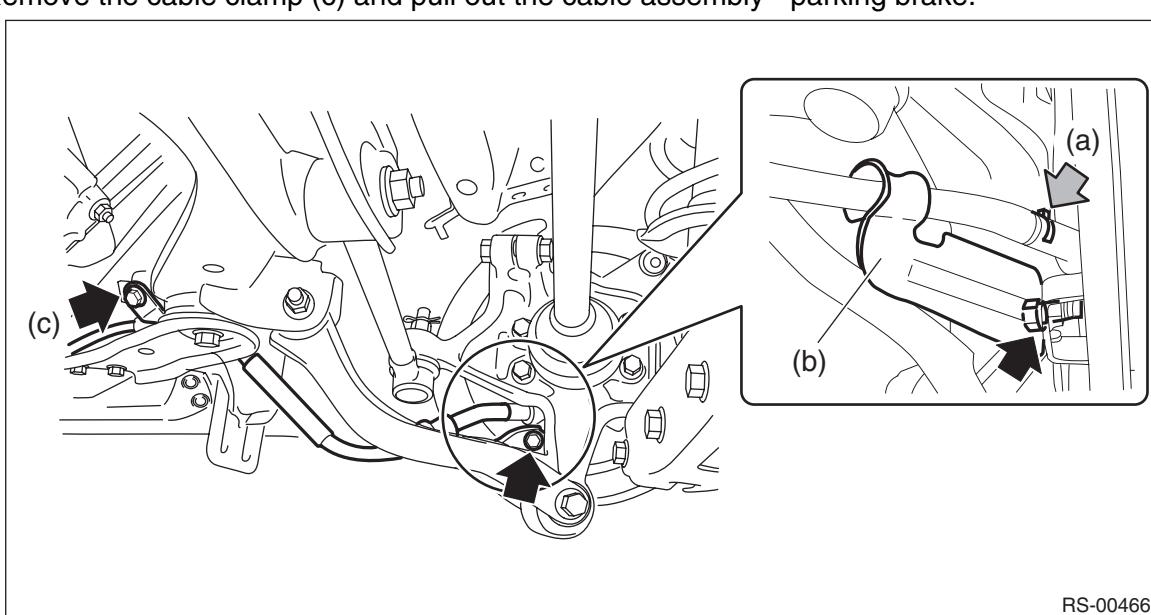
- 5) Remove the caliper body assembly from the housing assembly - rear axle.
 - (1) Remove the bolts and then remove the brake hose bracket and caliper body assembly.



(2) Prepare wiring harnesses etc. to be discarded, and suspend the caliper body assembly from the strut assembly.



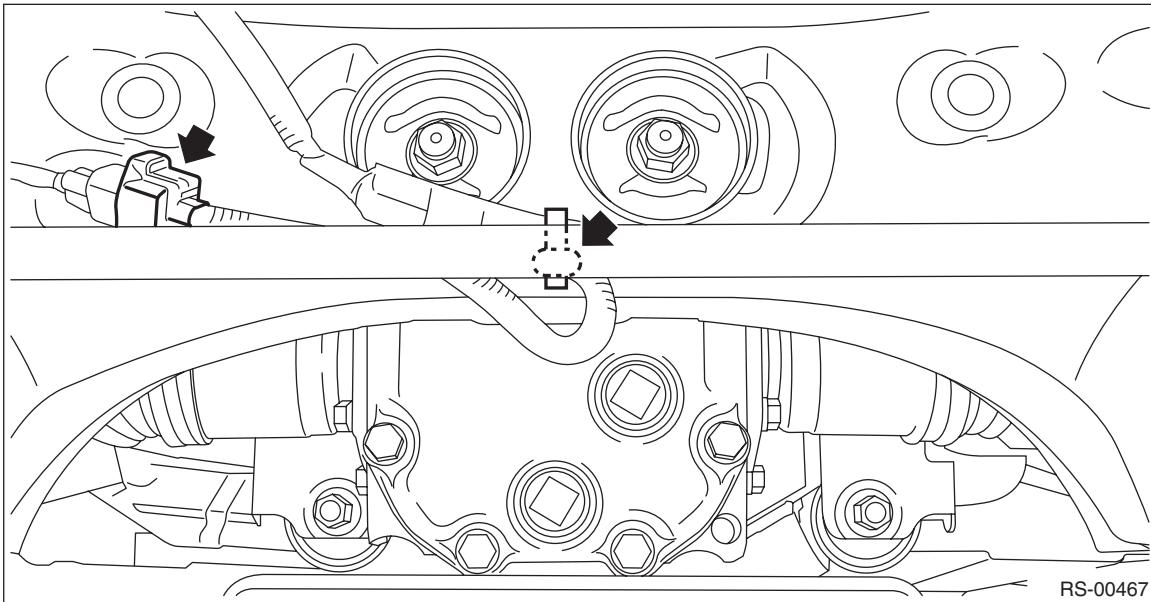
- 6) Remove the cable assembly - parking brake from the lever section of parking brake shoe. <Ref. to PB-15, REMOVAL, Parking Brake Assembly (Rear Disc Brake).>
- 7) Remove the rear parking brake cable from the parking brake assembly.
 - (1) Remove the clamp B - hand brake cable (a) from the rear brake.
 - (2) Remove the cable clamp (b) from the back plate - rear brake.
 - (3) Remove the cable clamp (c) and pull out the cable assembly - parking brake.



Rear Sub Frame

REAR SUSPENSION

8) Remove the sub rear harness clamp and connector.

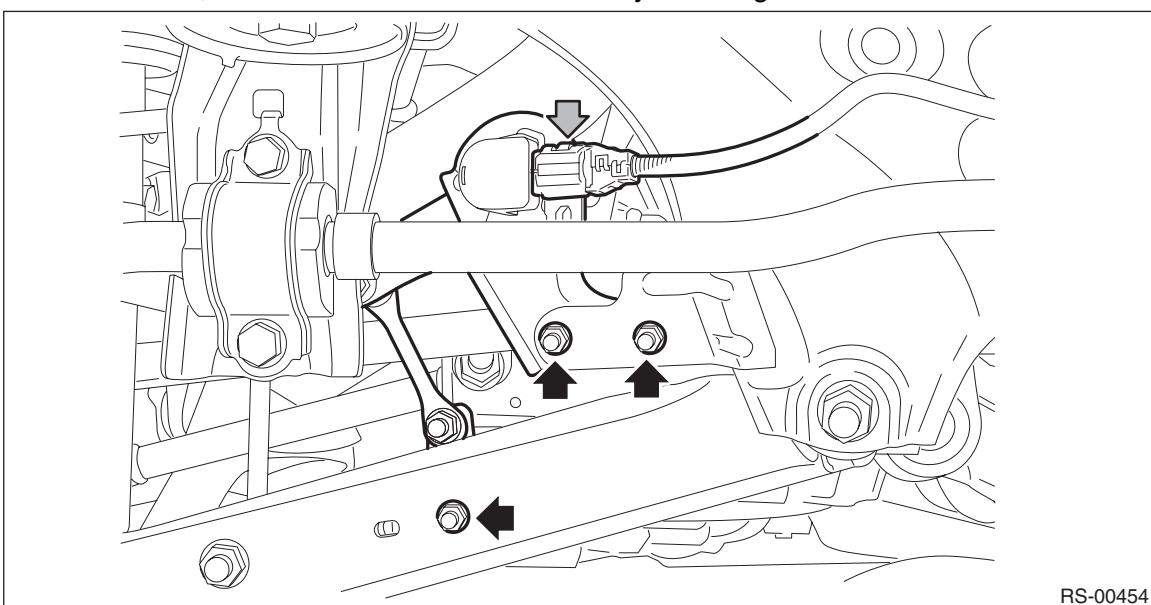


9) Remove the sensor assembly - headlight beam leveler. (Model with auto headlight beam leveler, left side only)

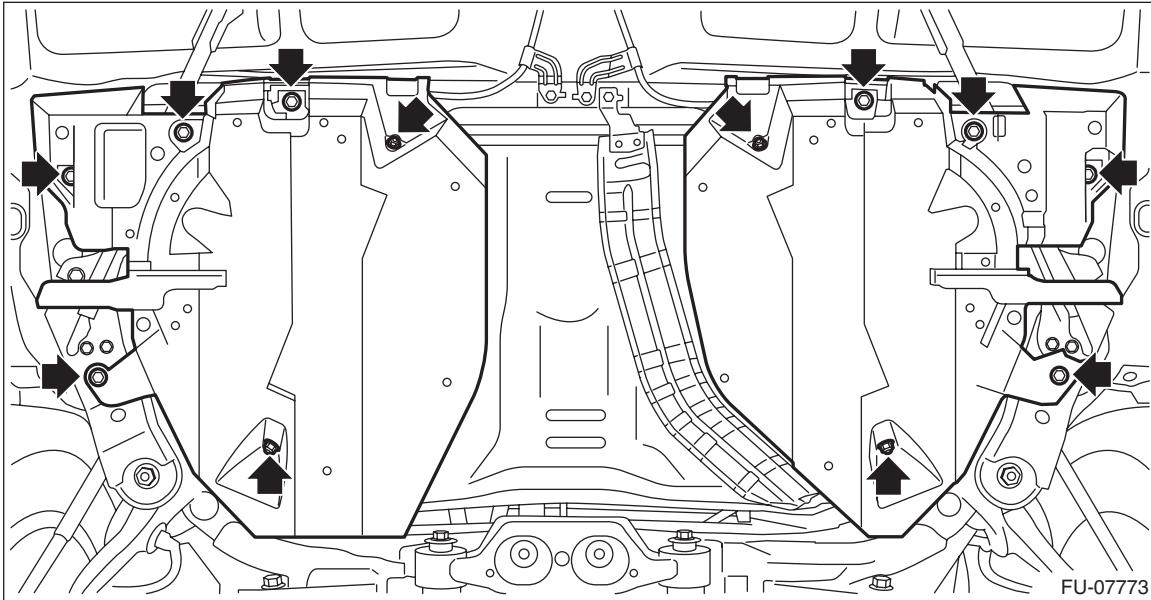
CAUTION:

Do not apply impact to the sensor assembly - headlight beam leveler or forcibly move the arm. Doing so may cause sensor damage and malfunction.

- (1) Disconnect the connector of the sensor assembly - headlight beam leveler.
- (2) Remove the nuts, and remove the sensor assembly - headlight beam leveler.

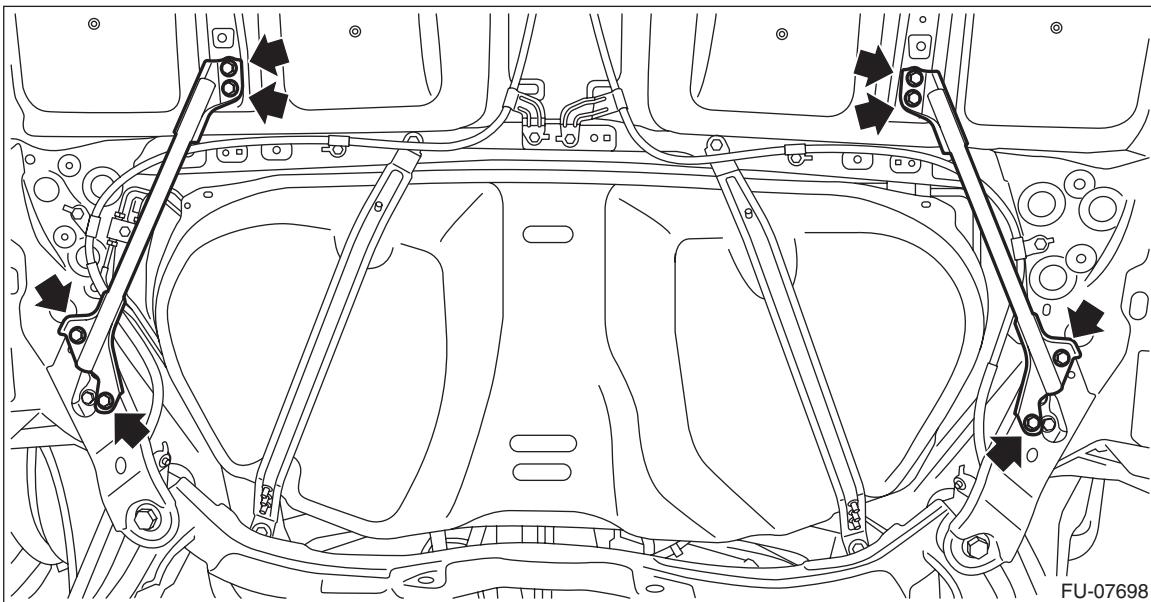


10) Remove the bolt and nuts and remove the fuel tank protector.



11) Remove the rear sub frame assembly.

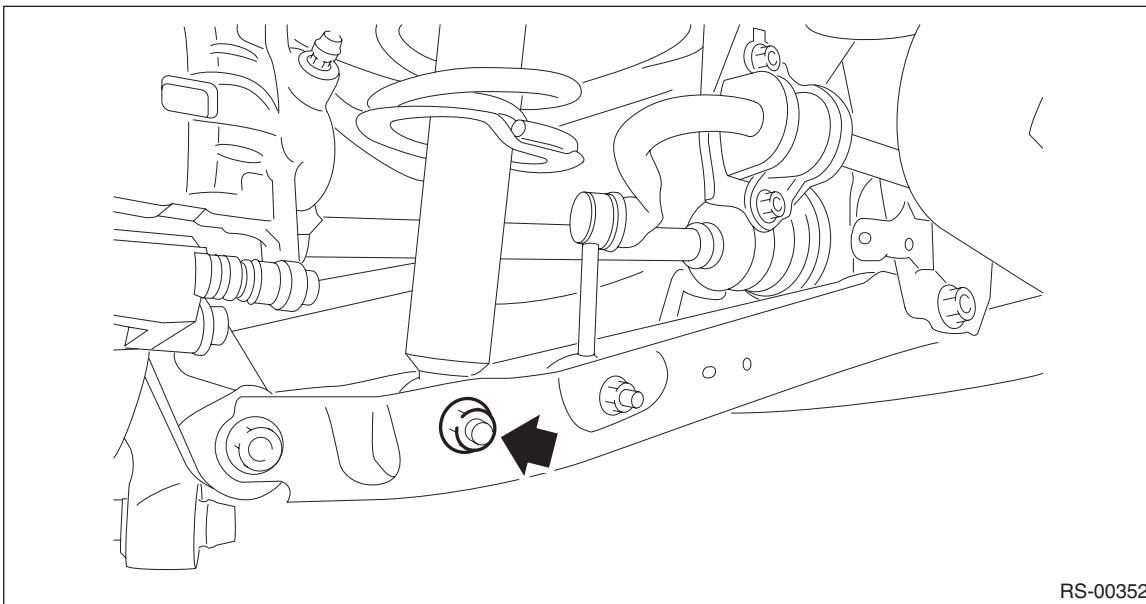
(1) Remove the bolts, and remove the stay - rear frame COMPL.



Rear Sub Frame

REAR SUSPENSION

(2) Remove the bolts at the bottom of rear strut assembly.

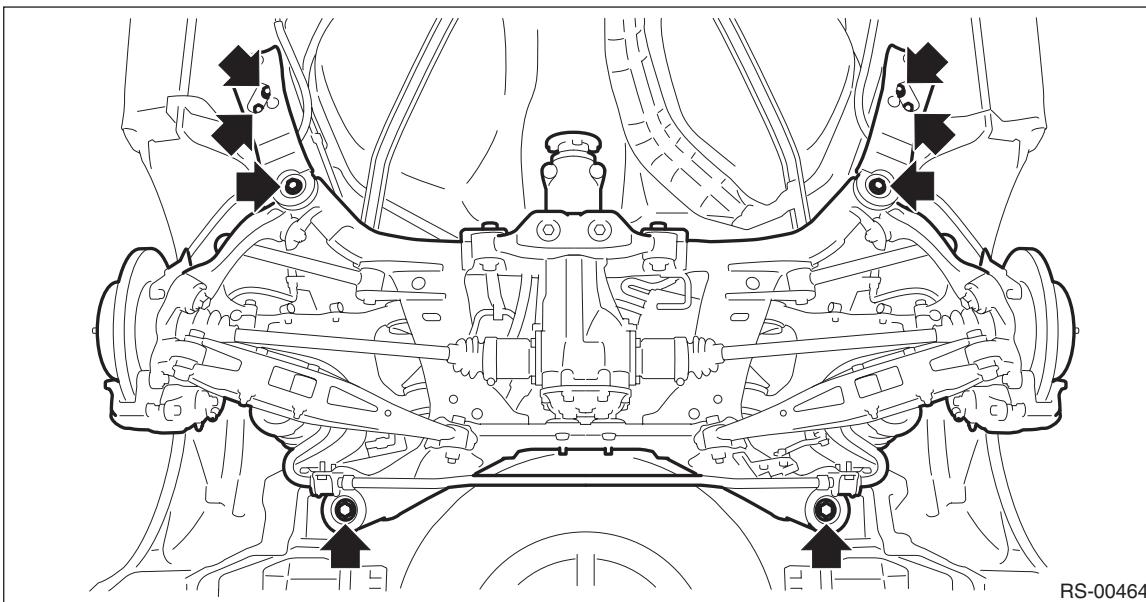


(3) Support the rear sub frame assembly using a transmission jack.

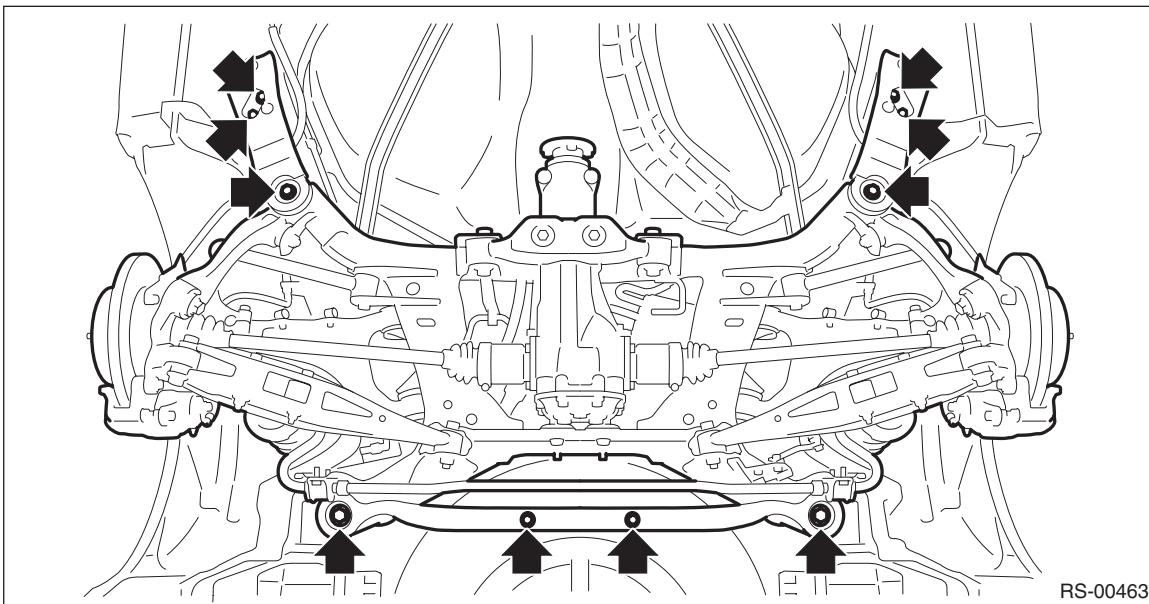
(4) Remove the bolt, and remove the left and right sub frame supports.

(5) Remove the bolts, then remove the rear sub frame assembly.

- Non-turbo model



- Turbo model



- 12) As necessary, remove each part from the rear sub frame assembly.

B: INSTALLATION

CAUTION:

- Be sure to use a new self-locking nut.
- Always tighten the bushing in the state where the vehicle is at curb weight and the wheels are in full contact with the ground.
- During the installation, make sure that the marking of ABS wheel speed sensor harness does not twist.

- 1) Check the removed parts for wear, damage and crack, and repair or replace them if faulty.
- 2) Install each part in the reverse order of removal.

Tightening torque:

Refer to "COMPONENT" of "General Description" for the tightening torque. <Ref. to RS-3, COMPONENT, General Description.>

Rear suspension parts: <Ref. to RS-3, COMPONENT, General Description.>

Fuel tank protector: <Ref. to FU(H4DO)-7, FUEL TANK, COMPONENT, General Description.>

Rear disc brake parts: <Ref. to BR-5, REAR DISC BRAKE, COMPONENT, General Description.>

Parking brake parts: <Ref. to PB-3, PARKING BRAKE LEVER & CABLE, COMPONENT, General Description.>

- 3) Bleed air from brake system. <Ref. to BR-58, Air Bleeding.>

- 4) Install the rear wheels.

Tightening torque:

120 N·m (12.24 kgf·m, 88.5 ft·lb)

- 5) 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. <Ref. to VDC-23, ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

- 6) Connect the battery ground terminal.

- 7) 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.>

C: INSPECTION

Check the removed parts for wear, damage and crack, and repair or replace them if faulty.