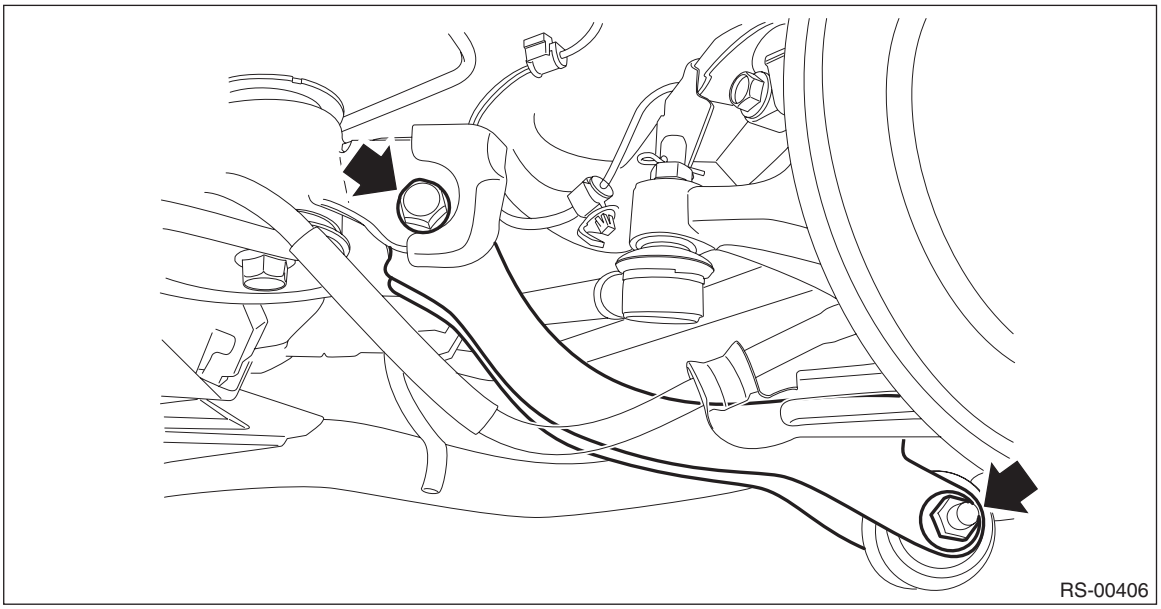
7. Front Lateral Link

A: REMOVAL

1) Lift up the vehicle, and then remove the rear wheels.
2) Remove the bolts and nuts, and then remove the trailing link.

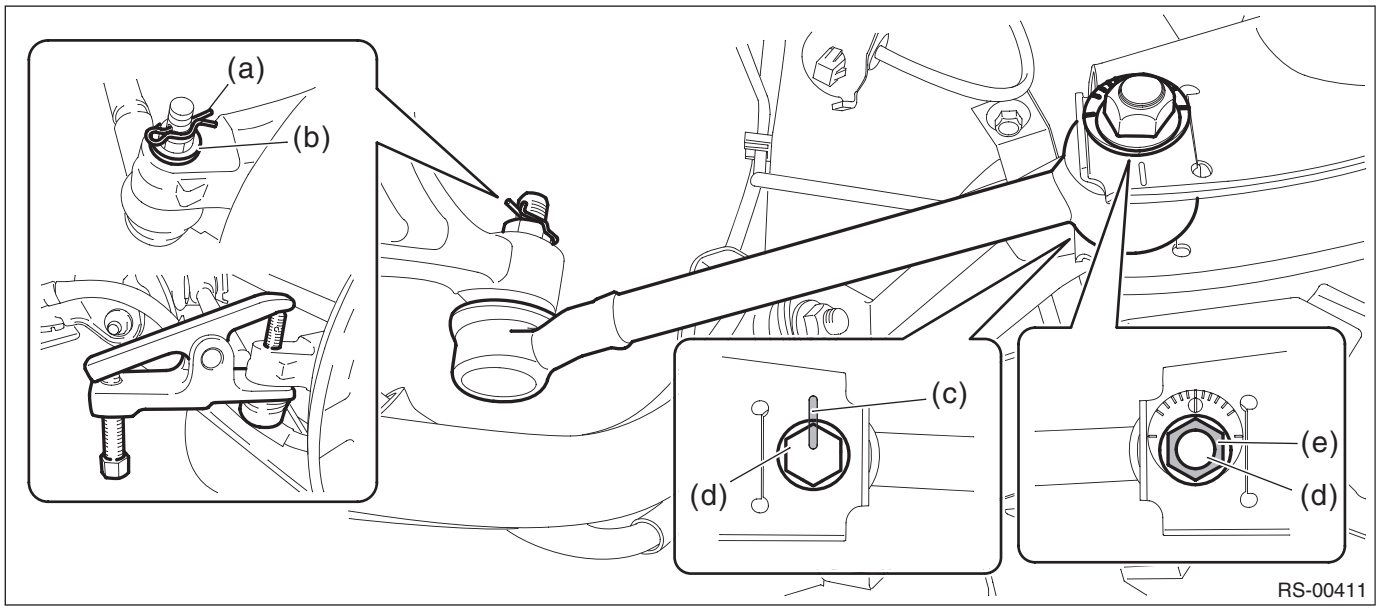


3) Remove the lateral link assembly - front.
   (1) Remove the snap pin (a) and nut (b).
   (2) Remove the ball joint from the housing assembly - rear axle.

Preparation tool:
Tie-rod ball joint puller

   (3) Scribe alignment marks (c) on the adjusting bolt for lateral link assembly - front and on the rear sub frame assembly.
   (4) Remove the adjusting bolt (d), and remove the lateral link assembly - front.

CAUTION:
When removing the adjusting bolt (d), make sure to fix the bolt head in place when loosening the nut (e).



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.**

1) Before installation, inspect the following items and replace any faulty part with a new one.
- Visually check the lateral link assembly - front 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 each part in the reverse order of removal.

Tightening torque:
Refer to "COMPONENT" of "General Description". <Ref. to RS-3, COMPONENT, General Description.>

3) Install the rear wheels.

Tightening torque:
Except for C4 model: 120 N·m (12.24 kgf-m, 88.5 ft-lb)
C4 model: 100 N·m (10.20 kgf-m, 73.8 ft-lb)

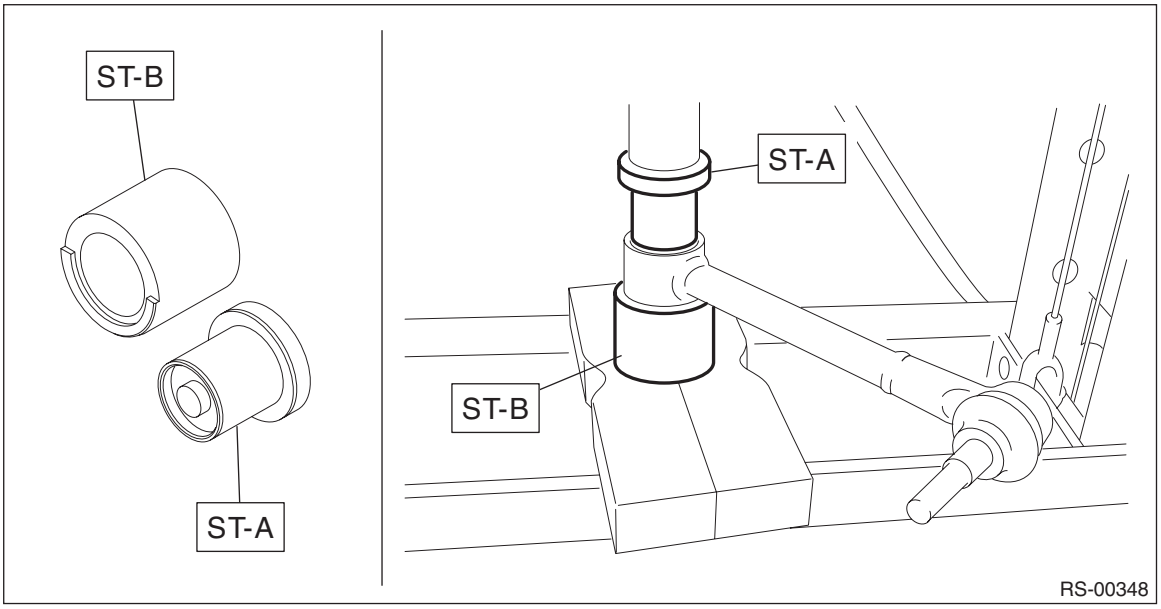
4) Inspect the wheel alignment and adjust if necessary.
- Inspection: <Ref. to FS-7, INSPECTION, Wheel Alignment.>
- Adjustment: <Ref. to FS-12, ADJUSTMENT, Wheel Alignment.>

CAUTION:
When the wheel alignment has been adjusted, perform the following VDC setting mode.
– Model without EyeSight: VDC sensor midpoint setting mode <Ref. to VDC-26, VDC SENSOR MIDPOINT SETTING MODE (MODELS WITHOUT EyeSight), ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
– Model with EyeSight: Neutral of Steering Angle Sensor & Lateral G Sensor 0 point setting <Ref. to VDC-26, NEUTRAL OF STEERING ANGLE SENSOR & LATERAL G SENSOR 0 POINT SETTING (MODEL WITH EyeSight), ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>
– Model with EyeSight: Longitudinal G sensor & lateral G sensor 0 point setting <Ref. to VDC-27, LONGITUDINAL G SENSOR & LATERAL G SENSOR 0 POINT SETTING MODE (MODEL WITH EyeSight), ADJUSTMENT, VDC Control Module and Hydraulic Control Unit (VDCCM&H/U).>

C: DISASSEMBLY

Using the ST, push out the bushing B - lateral link.

PREPARATION TOOL:
ST-A & ST-B: INSTALLER & REMOVER (20299AE000)



D: ASSEMBLY

1) Before assembly, inspect the following items and replace any faulty part with a new one.
- Visually check the lateral link assembly - front for damage and deformation.
- Visually check the bushing for abnormal cracks, fatigue or damage.
- Visually check the dust cover on the ball joint for damage.

2) Using the ST, press-fit the bushing B - lateral link.

CAUTION:
Make sure to press the bushing straight in.

Preparation tool:
ST-A & ST-B: INSTALLER & REMOVER (20299AE000)