

Rear ABS Wheel Speed Sensor

VEHICLE DYNAMICS CONTROL (VDC)

10. Rear ABS Wheel Speed Sensor

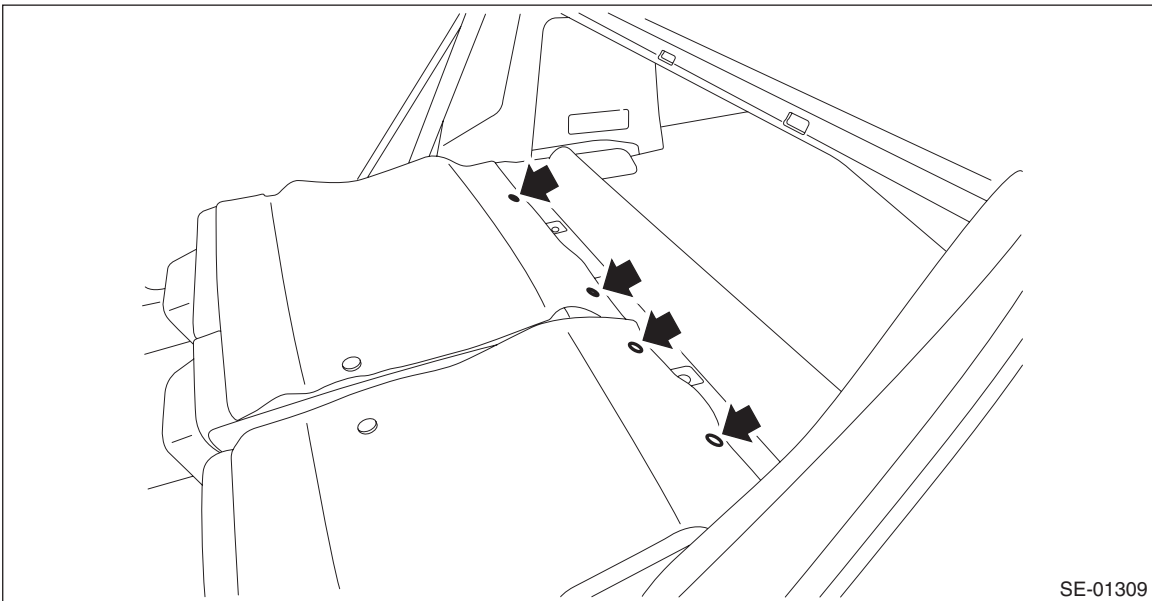
A: REMOVAL

1. 4 DOOR MODEL

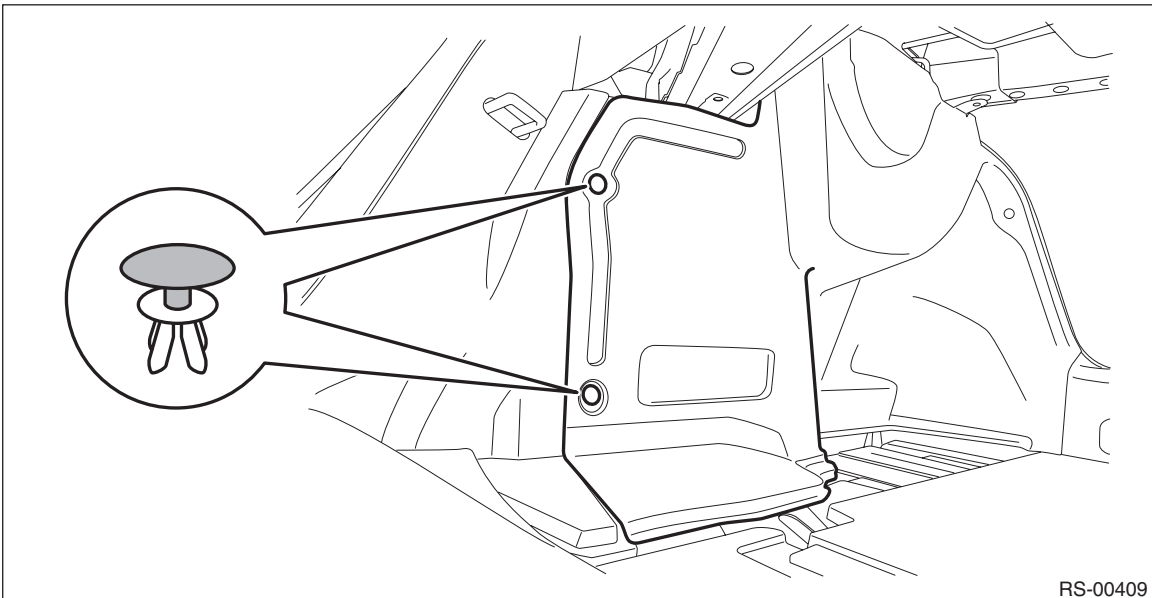
- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle, and then remove the rear wheels.
- 3) Remove the rear ABS wheel speed sensor.

CAUTION:

- Be careful not to damage the sensor.
 - Do not apply excessive force to the sensor harness.
 - Leave the sensor harness clamp on the vehicle side.
- (1) Take out the trunk mat.
 - (2) Tilt the backrest assembly of the rear seat forward.
 - (3) Remove the clips located at the bottom of the cover COMPL - rear backrest LH and RH of the rear seat back.



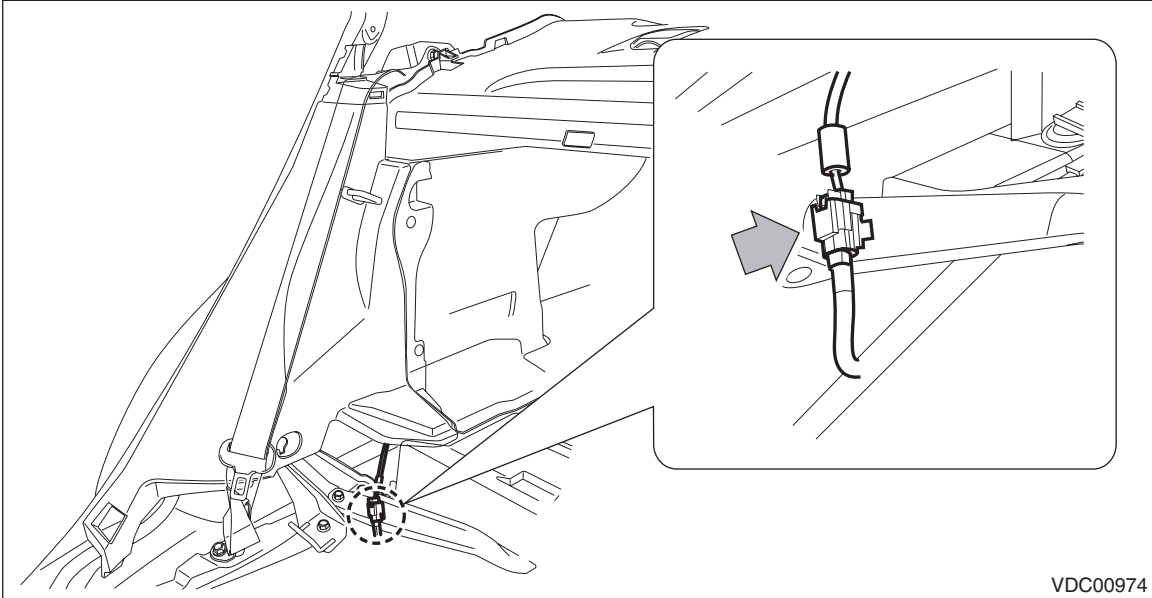
- (4) Remove the clips, and turn over the trim panel - trunk side.



Rear ABS Wheel Speed Sensor

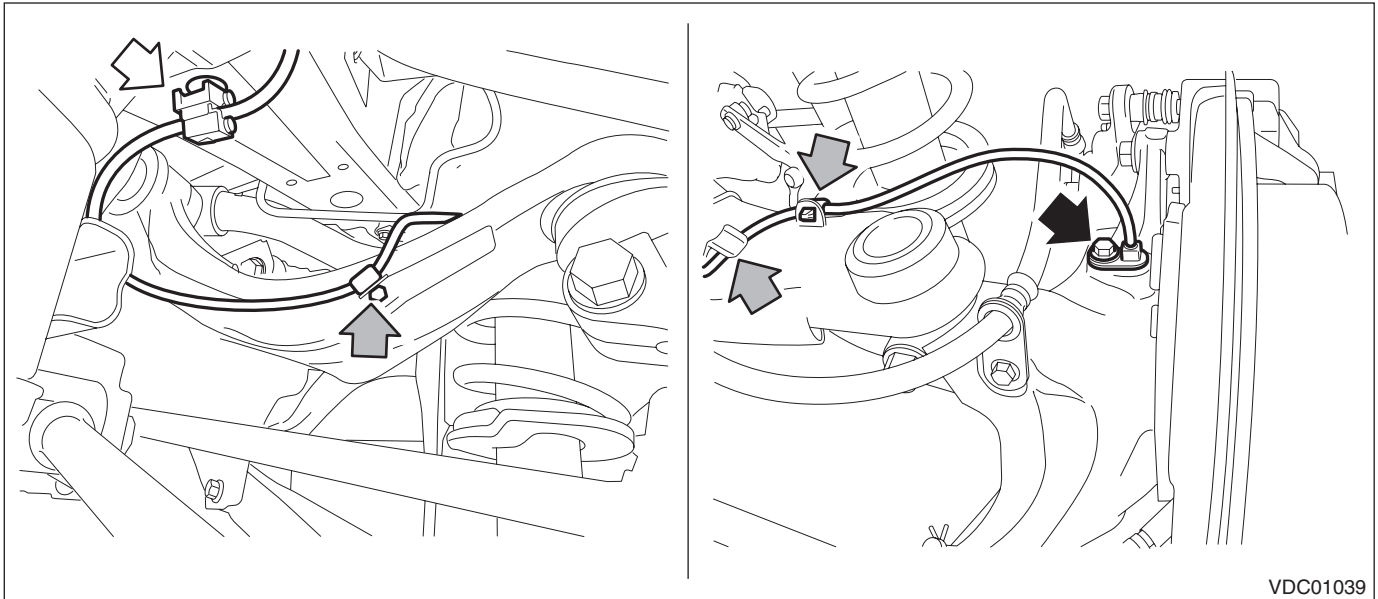
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- (5) Disconnect the connector of the rear ABS wheel speed sensor.



- (6) Remove the grommet from the rear wheel housing, and pull out the connector of the rear ABS wheel speed sensor.

- (7) Remove the harness clip and bolt, and remove the rear ABS wheel speed sensor.



Rear ABS Wheel Speed Sensor

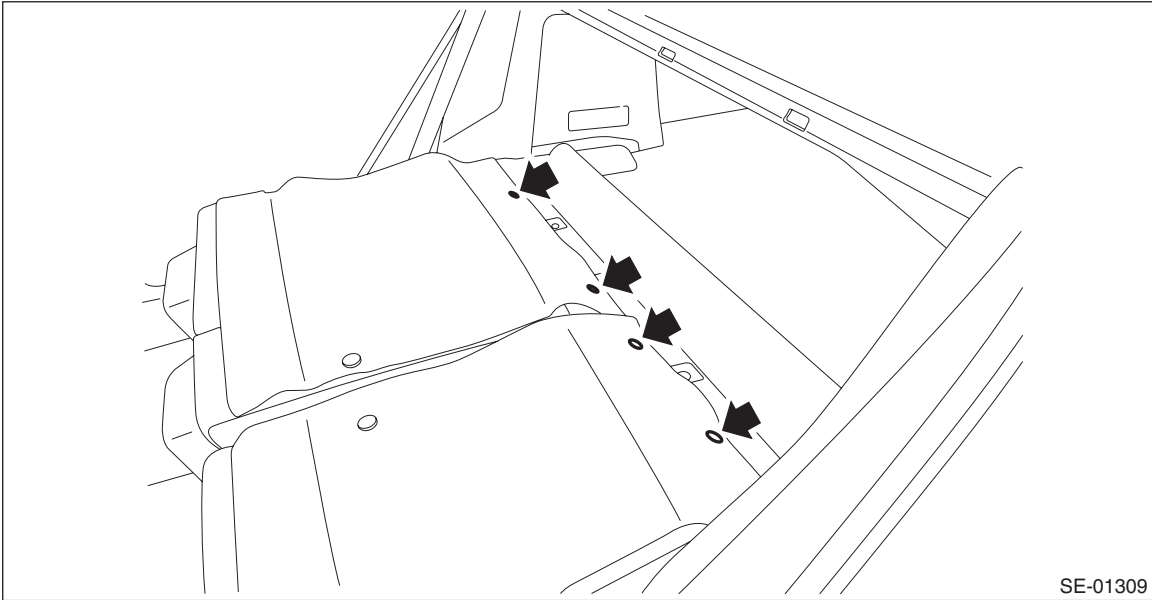
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2. 5 DOOR MODEL/XV MODEL

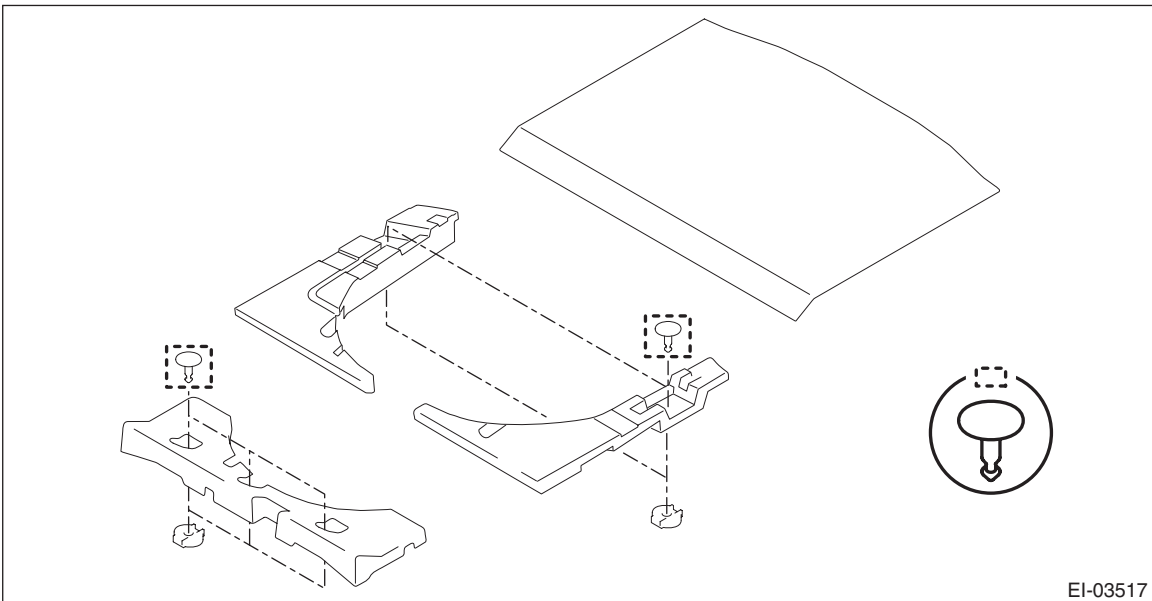
- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle, and then remove the rear wheels.
- 3) Remove the rear ABS wheel speed sensor.

CAUTION:

- Be careful not to damage the sensor.
 - Do not apply excessive force to the sensor harness.
 - Leave the sensor harness clamp on the vehicle side.
- (1) Tilt the backrest assembly of the rear seat forward.
 - (2) Remove the clips located at the bottom of the cover COMPL - rear backrest LH and RH of the rear seat back.



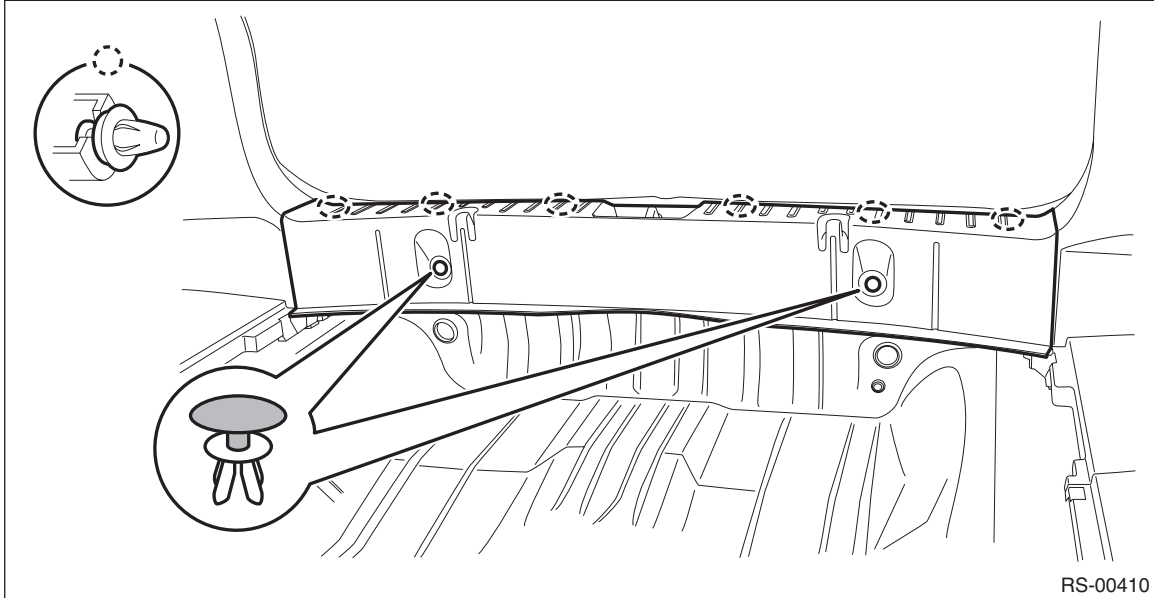
- (3) Remove the mat - rear floor CTR and the spacer - rear floor side.



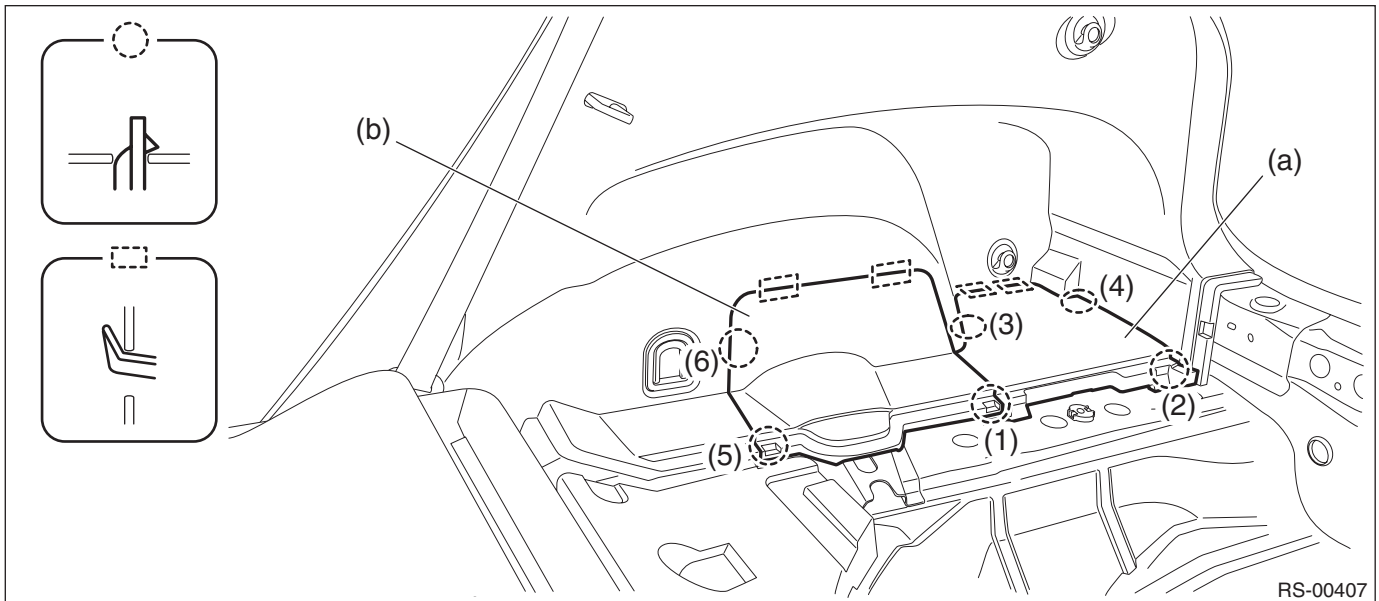
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- (4) Remove the clips, and remove the trim panel - rear skirt.



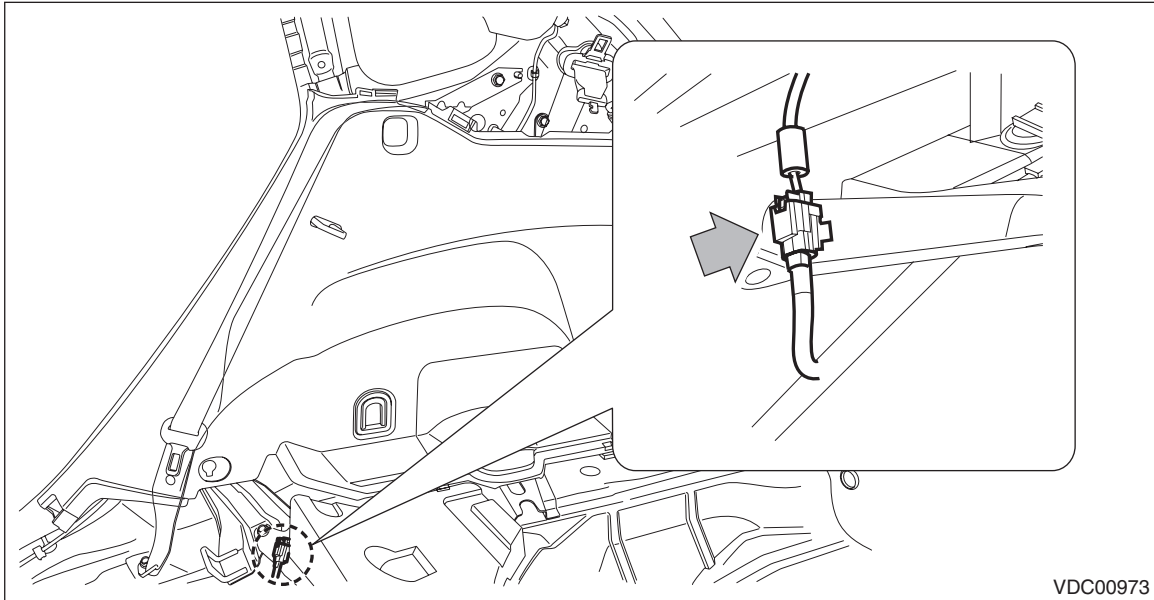
- (5) Remove the lid upper rear (a) and the cap - rear strut (b) in the order from (1) to (6).



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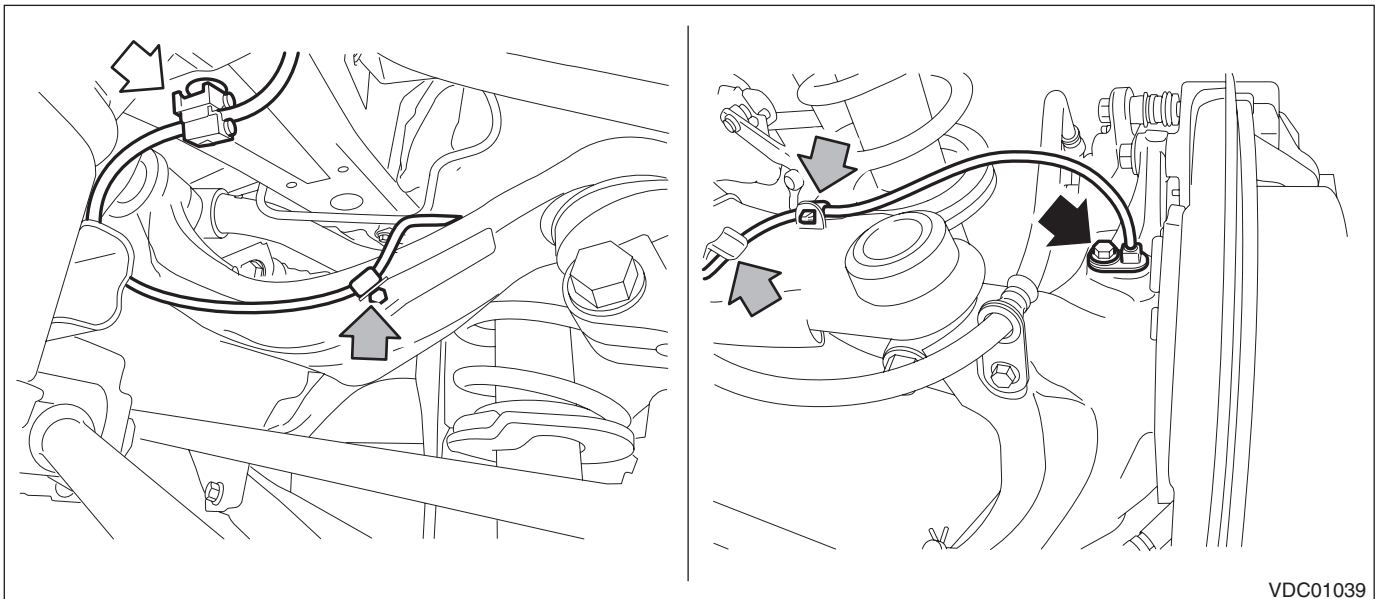
- (6) Disconnect the connector of the rear ABS wheel speed sensor.



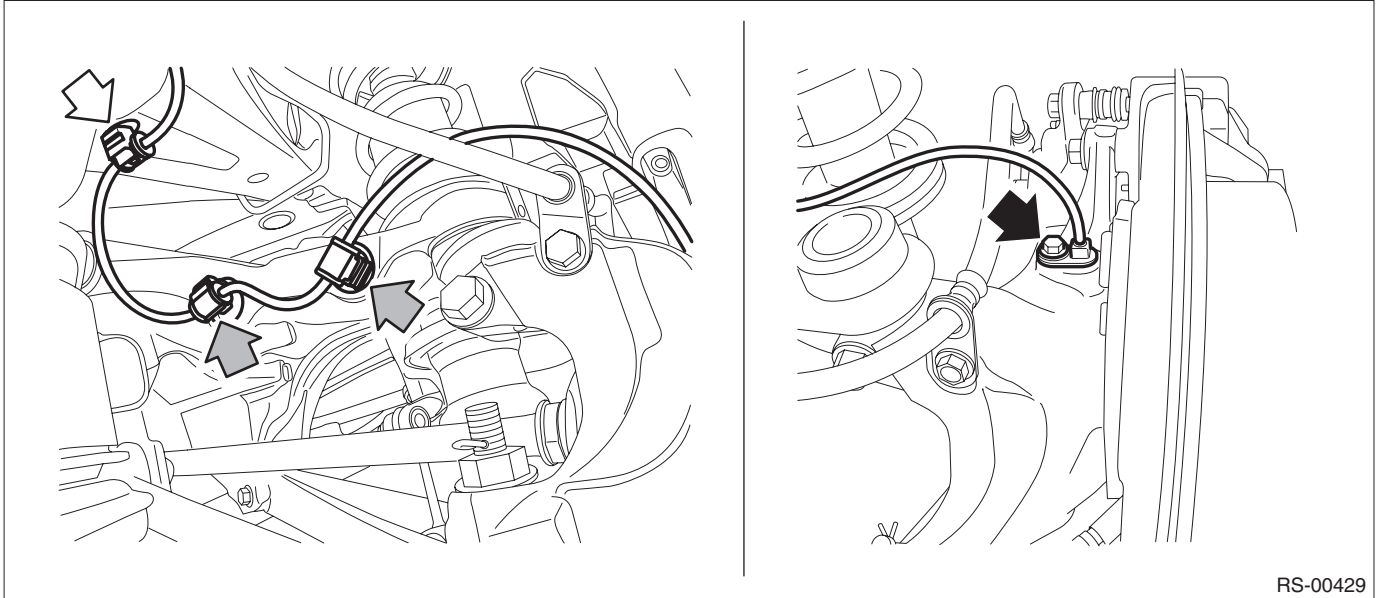
- (7) Remove the grommet from the rear wheel housing, and pull out the connector of the rear ABS wheel speed sensor.

- (8) Remove the harness clip and bolt, and remove the rear ABS wheel speed sensor.

- Except for XV model



- XV model



B: INSTALLATION

CAUTION:

Be careful not to damage the sensor.

- 1) Install each part in the reverse order of removal.
- 2) Route the rear ABS wheel speed sensor cable to the upper arm assembly.

NOTE:

Check the identification (mark) on the harness to make sure there is no warpage. <Ref. to VDC-2, SPECIFICATION, General Description.>

Tightening torque:

Rear ABS wheel speed sensor: 7.5 N·m (0.76 kgf-m, 5.5 ft-lb)

Rear wheel: 120 N·m (12.24 kgf-m, 88.5 ft-lb)

C: INSPECTION

1. ABS WHEEL SPEED SENSOR

For inspection of rear ABS wheel speed sensor, refer to inspection of front ABS wheel speed sensor. <Ref. to VDC-33, CHECK ABS WHEEL SPEED SENSOR UNIT, INSPECTION, Front ABS Wheel Speed Sensor.>