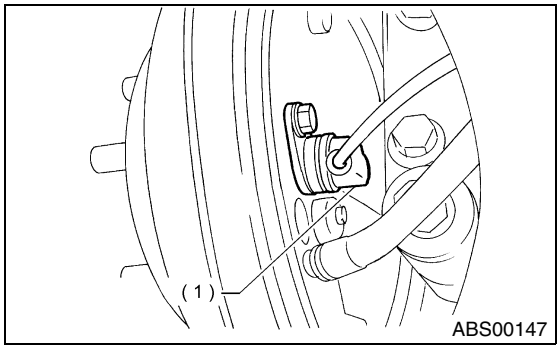
5. Rear ABS Sensor

A: REMOVAL

1) Disconnect the ground terminal from battery.
2) Jack-up the vehicle, support it with rigid racks, and remove the wheel.
3) Remove the rear seat and disconnect the rear ABS sensor connector.
4) Remove the rear sensor harness bracket from rear trailing link and bracket.
5) Remove the rear ABS sensor from back plate.

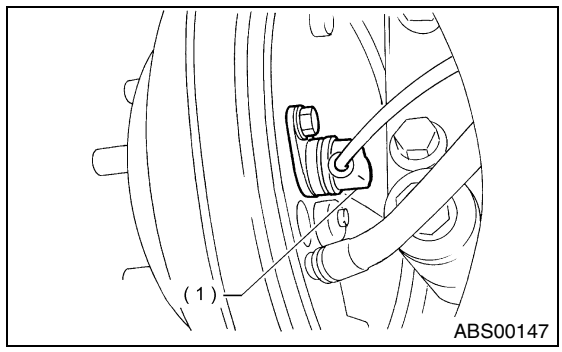


(1) Rear ABS sensor

B: INSTALLATION

1) Temporarily install the rear ABS sensor on back plate.

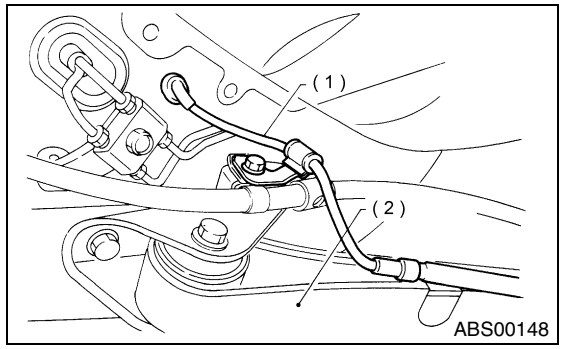
CAUTION:
Be careful not to strike the ABS sensor's pole piece and tone wheel's teeth against adjacent metal parts during installation.



(1) Rear ABS sensor

2) Install the rear sensor harness on rear trailing link.

Tightening torque:
33 N·m (3.3 kgf-m, 24 ft-lb)



(1) Rear sensor harness
(2) Trailing link

3) Place a thickness gauge between the ABS sensor's and tone wheel's tooth face. After standard clearance is obtained over the entire perimeter, tighten the ABS sensor on rear arm to specified torque.

ABS sensor standard clearance:
0.7 — 1.2 mm (0.028 — 0.047 in)

Tightening torque:
33 N·m (3.3 kgf-m, 24 ft-lb)

CAUTION:
Check the marks on the harness to make sure that no distortion exists.

RH: Light blue
LH: Brown

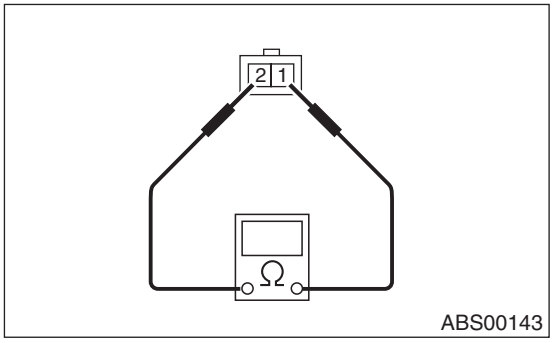
NOTE:
If the clearance is outside specifications, readjust.

4) After confirmation of the ABS sensor clearance, connect the connector to ABS sensor.
5) Connect the battery ground terminal to battery.

C: INSPECTION

1. ABS SENSOR

1) Check the pole piece of the ABS sensor for foreign particles or damage. If necessary, clean the pole piece or replace the ABS sensor.
2) Measure the ABS sensor resistance.



Terminal No.	Standard
1 and 2	1.15±0.115 kΩ

CAUTION:
• If resistance is outside the standard value, replace the ABS sensor with a new one.
• Check the marks on the harness to make sure that no distortion exists.
RH: Light blue
LH: Brown

NOTE:
Check the ABS sensor cable for discontinuity. If necessary, replace with a new one.

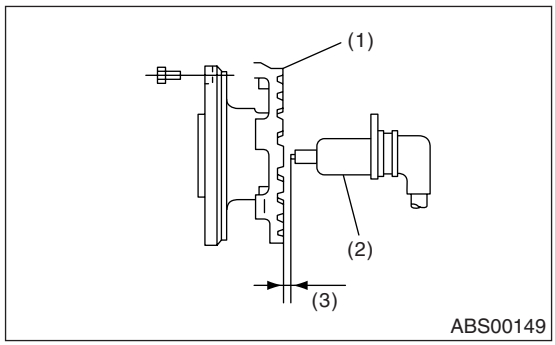
2. SENSOR GAP

Clearances (sensor gaps) should be measured one by one to ensure the tone wheel and speed sensor are installed correctly.

NOTE:

- If clearance is narrow, adjust by using the spacer (Part No. 26755AA000).
- If clearance is wide, check the outputted voltage then replace the ABS sensor or tone wheel if the outputted voltage is outside the specification.

ABS sensor clearance:
0.7 — 1.2 mm (0.028 — 0.047 in)

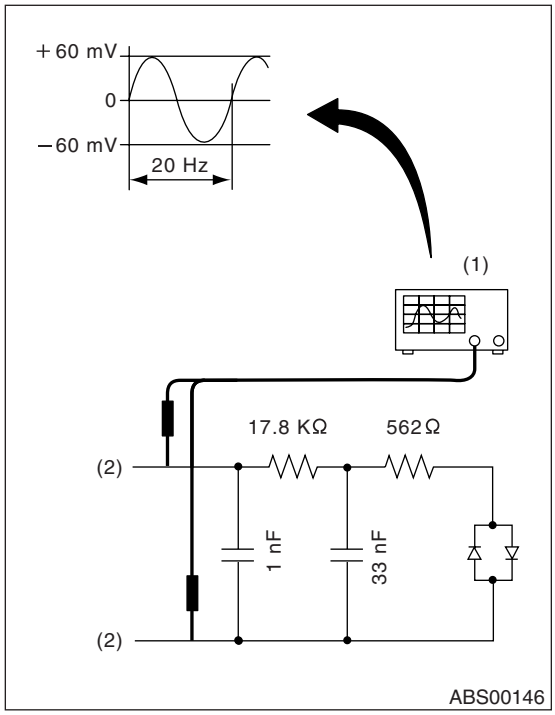


3. OUTPUT VOLTAGE

Output voltage can be checked by the following method. Install a resistor and condenser, then rotate the wheel about 2.75 km/h (2 MPH) or equivalent.

NOTE:

Regarding terminal No., please refer to item 1. ABS SENSOR.



D: ADJUSTMENT

Adjust the gap using spacer (Part No. 26755AA000).