

Front Wheel Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

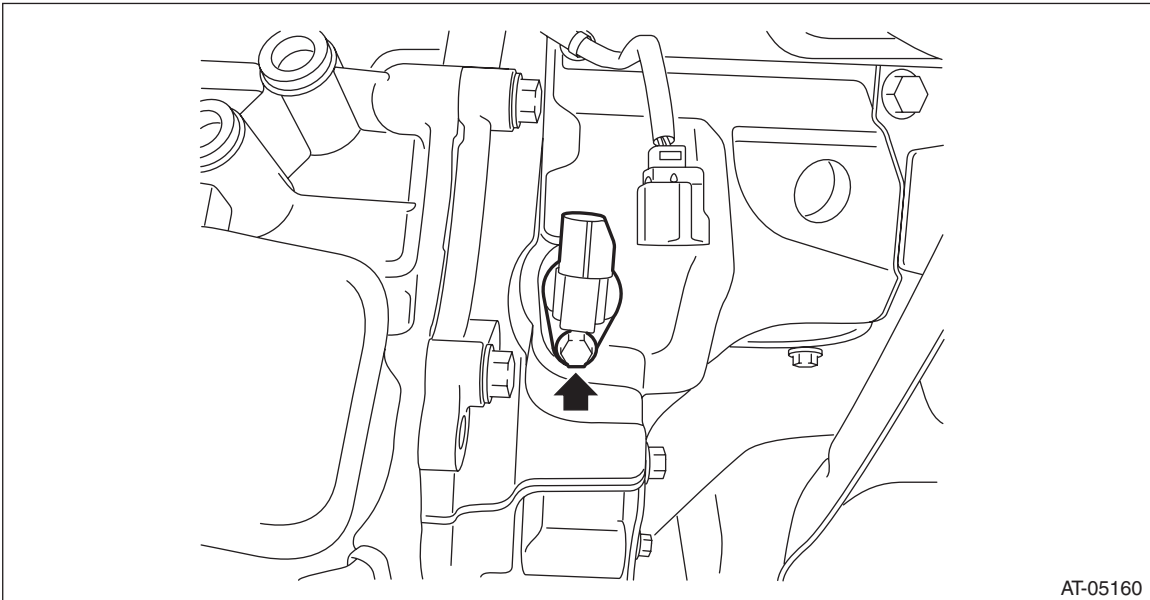
18. Front Wheel Speed Sensor

A: REMOVAL

CAUTION:

- Be sure to prevent water or oil from contacting the connector terminal of front wheel speed sensor. If adhesion occurs, replace with a new part.
- When removing front wheel speed sensor, CVTF may let out. If CVTF has leaked, adjust the CVTF level after installing the front wheel speed sensor.

- 1) Lift up the vehicle.
- 2) Clean the transmission exterior.
- 3) Remove the harness connector from front wheel speed sensor.
- 4) Remove the front wheel speed sensor.



B: INSTALLATION

CAUTION:

- Be sure to prevent water or oil from contacting the connector terminal of front wheel speed sensor. If adhesion occurs, replace with a new part.
- After installing the front wheel speed sensor, adjust the CVTF level.

Install in the reverse order of removal.

NOTE:

- Use new O-rings.
- Apply CVTF to the O-ring.

Tightening torque:

5 N·m (0.5 kgf·m, 5.2 ft·lb)

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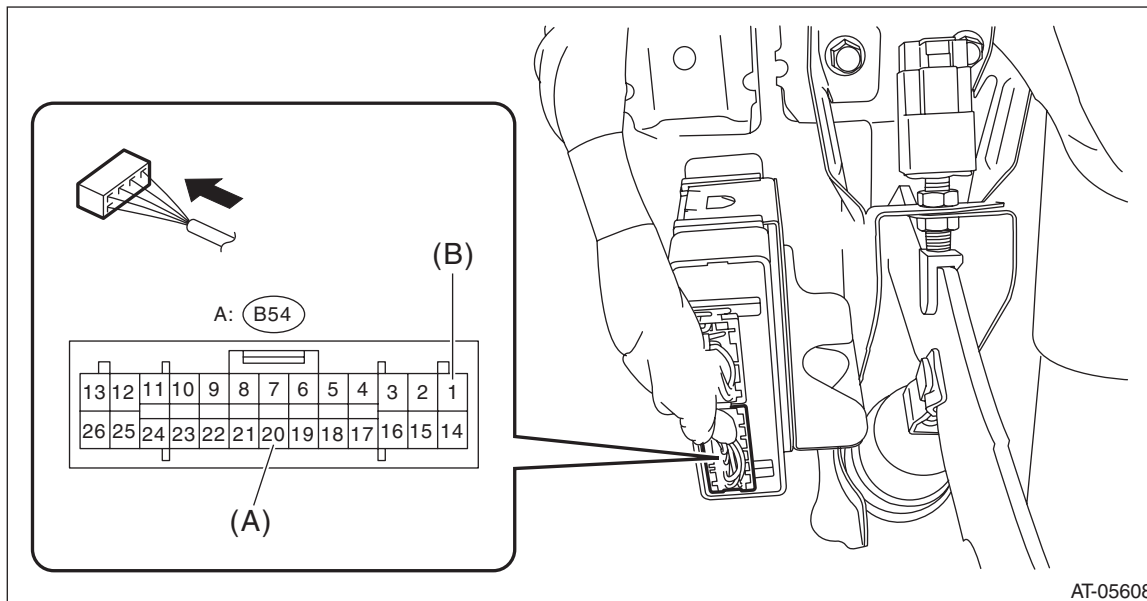
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C: INSPECTION

- 1) Remove the instrument panel lower cover. <Ref. to EI-63, REMOVAL, Instrument Panel Lower Cover.>
- 2) Set the probe of oscilloscope to TCM harness connector.

Connector & terminal

(B54) No. 20 (+) — No. 1 (-):



(A) + probe

(B) - probe

- 3) Lift up the vehicle and raise the vehicle speed up to 20 km/h (12 MPH).
- 4) Check the waveform of front wheel speed sensor when vehicle speed is at 20 km/h (12 MPH).

