

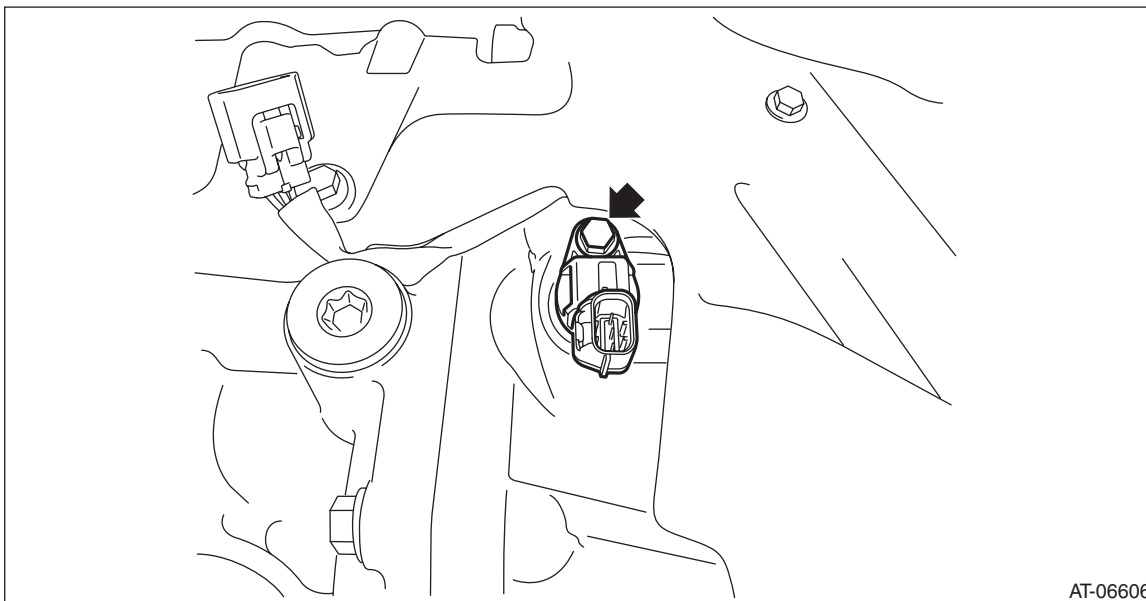
15. Turbine Speed Sensor

A: REMOVAL

CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of turbine speed sensor. If adhesion occurs, replace with a new part.

- 1) Lift up the vehicle.
- 2) Remove the under cover front - transmission.
- 3) Remove the harness connector from turbine speed sensor.
- 4) Remove the turbine speed sensor.



AT-06606

B: INSTALLATION

CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of turbine speed sensor. If adhesion occurs, replace with a new part.

Install in the reverse order of removal.

NOTE:

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

Tightening torque:

Turbine speed sensor

7 N·m (0.7 kgf-m, 5.2 ft-lb)

Under cover front - transmission

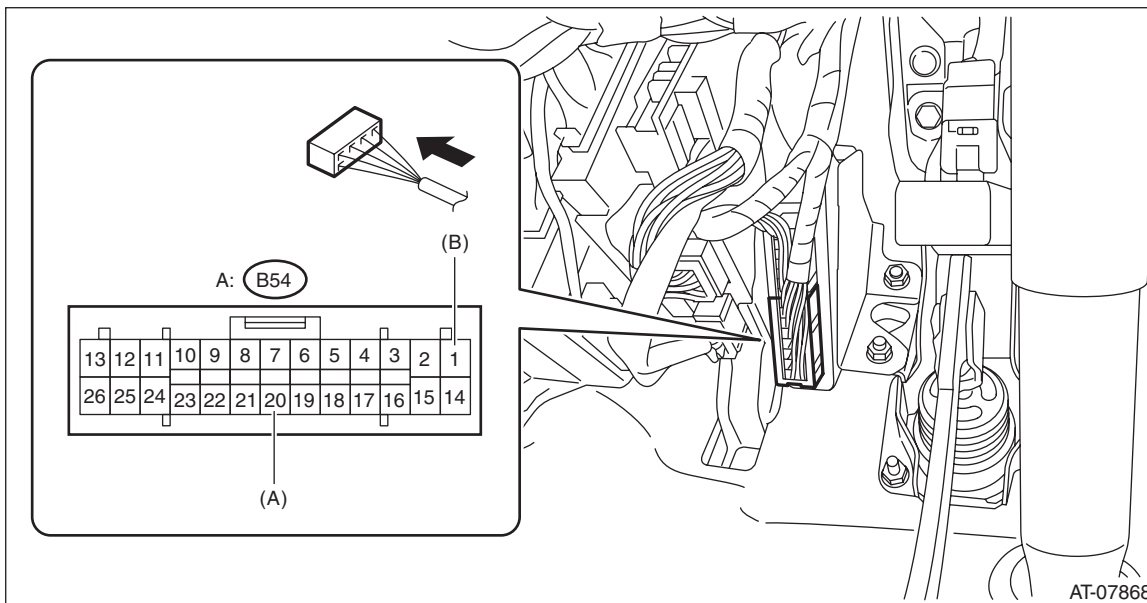
18 N·m (1.8 kgf-m, 13.3 ft-lb)

C: INSPECTION

1) Set the probe of oscilloscope to TCM harness connector.

Connector & terminal

(B54) No. 20 (+) — No. 1 (–):



(A) + probe

(B) – probe

2) Start and warm up the engine.

3) Check the waveform and output voltage of the turbine speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.

