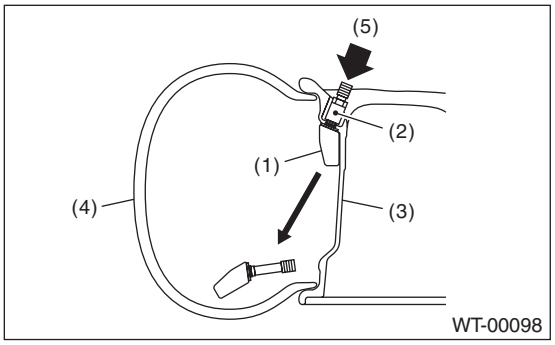
6. Tire Pressure Monitoring System

A: REMOVAL

1. TRANSMITTER (TIRE PRESSURE SENSOR)

1) Remove the wheels from the vehicle. <Ref. to WT-8, REMOVAL, Aluminum Wheel.>
2) Bleed air from tire valve.
3) Remove the nut, and drop the transmitter in the tire.



(1) Transmitter
(2) Nut
(3) Wheel
(4) Tire
(5) Push

4) Remove the tires from wheels.

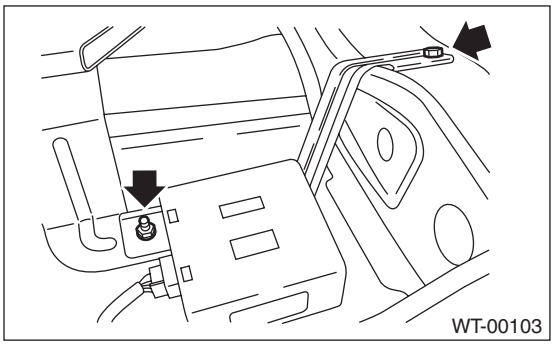
CAUTION:
Use a tire changer when removing the tire from the wheel.

5) Remove the nut to take out transmitter.

NOTE:
Replace the grommet with a new part when reusing transmitter.

2. TIRE PRESSURE MONITORING CONTROL MODULE

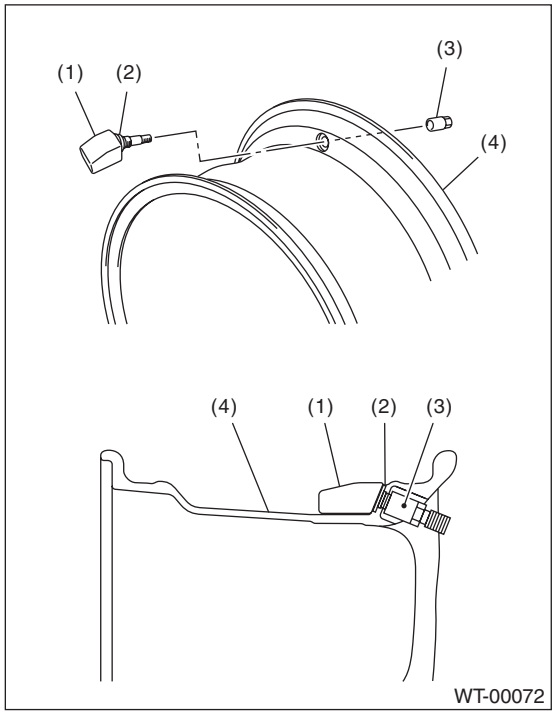
1) Remove the driver's seat. <Ref. to SE-7, REMOVAL, Front Seat.>
2) Turn up the floor mat in the driver's seat area.
3) Remove the connector to remove tire pressure monitoring control module.



B: INSTALLATION

1. TRANSMITTER (TIRE PRESSURE SENSOR)

1) Install the transmitter to the wheel by aligning it with valve hole, and then tighten with nuts.

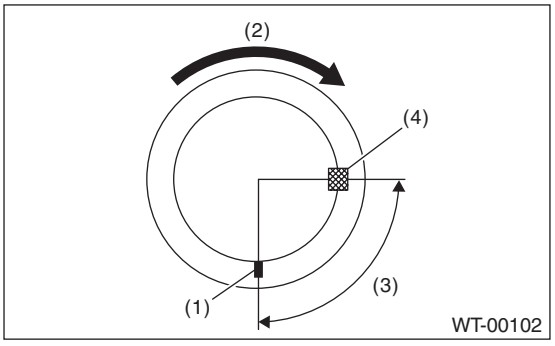


(1) Transmitter
(2) Grommet
(3) Nut
(4) Wheel

Tightening torque:
7.5 N·m (0.76 kgf-m, 5.53 ft-lb)

2) Install the tires to wheels.

CAUTION:
• Use a tire changer when installing tire to wheel.
• To prevent damaging the transmitter, set the tire changer boom in the position as shown in the figure.



(1) Transmitter
(2) Direction of turn table rotation
(3) 90°
(4) Tire changer boom

3) Install the wheels to vehicle. <Ref. to WT-8, INSTALLATION, Aluminum Wheel.>
4) Register the transmitter ID to the tire pressure monitoring control module. <Ref. to TPM(diag)-10, REGISTER TRANSMITTER ID, OPERATION, Subaru Select Monitor.>

2. TIRE PRESSURE MONITORING CONTROL MODULE

Install in the reverse order of removal.

Tightening torque:
8 N·m (0.8 kgf-m, 5.8 ft-lb)