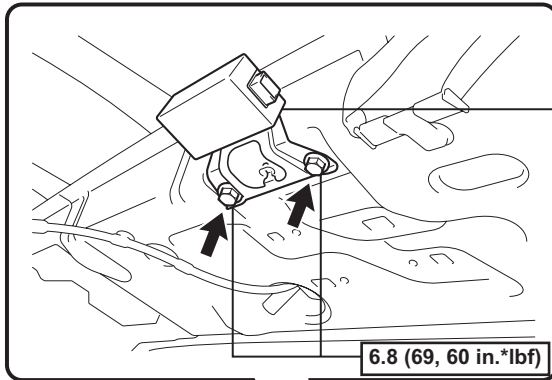
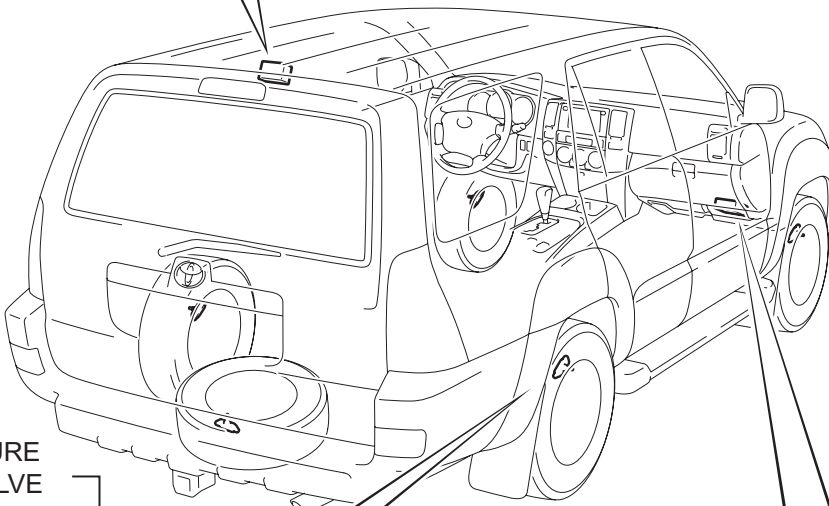


TIRE PRESSURE WARNING VALVE AND TRANSMITTER COMPONENTS

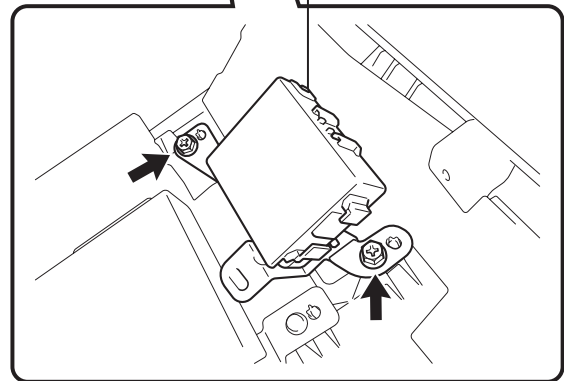
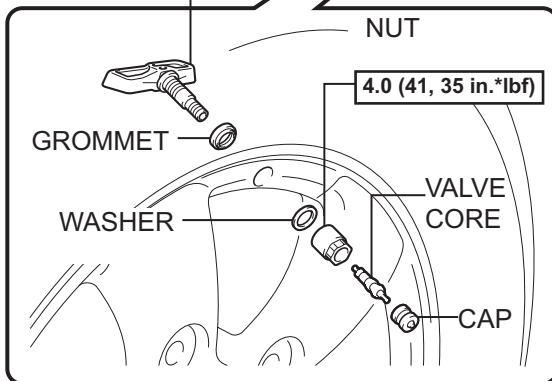


TIRE PRESSURE WARNING
ANTENNA AND RECEIVER



TIRE PRESSURE
WARNING VALVE
AND TRANSMITTER

TIRE PRESSURE
WARNING ECU



N*m (kgf*cm, ft.*lbf) : Specified torque

REMOVAL

1. REMOVE FRONT WHEEL
2. REMOVE REAR WHEEL
3. REMOVE TIRE PRESSURE WARNING VALVE AND TRANSMITTER
 - (a) Remove the valve core, cap, and release air from the tire.
 - (b) After ensuring that air is sufficiently released, remove the nut, washer that is used to fix the tire pressure warning valve and transmitter and drop the sensor inside the tire.
 - (c) After dropping the tire pressure warning valve and transmitter into the tire, disengage the bead using the shoe of the tire remover.

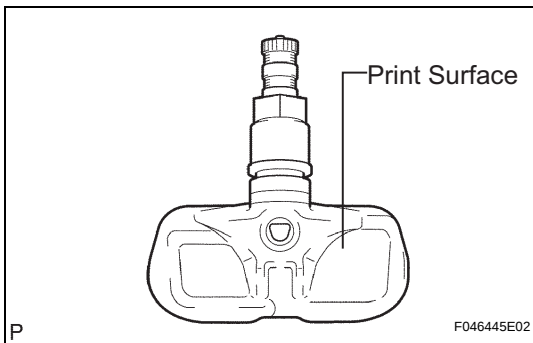
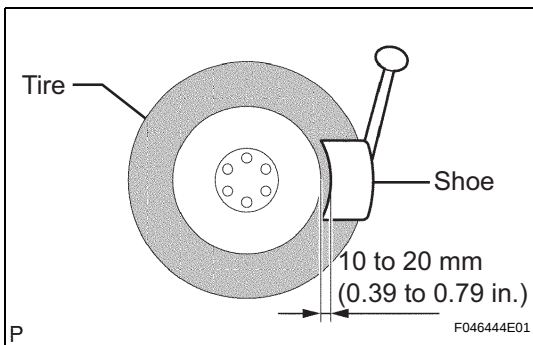
NOTICE:

Be careful not to damage the tire pressure warning valve and transmitter due to interference between the sensor and tire bead.

- (d) Remove the bead on the upper side as in usual operation.
- (e) Take out the sensor from the tire and remove the bead on the lower side as in usual operation.
- (f) Remove the inner grommet from the tire pressure warning valve and transmitter.

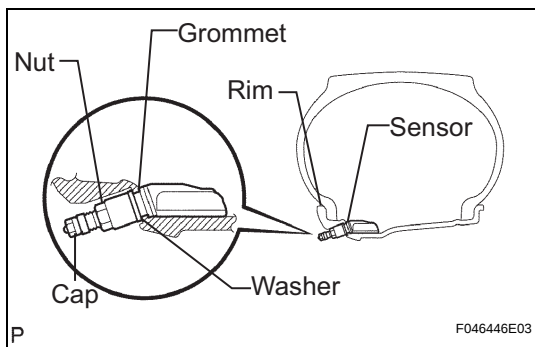
HINT:

Check that no crack or damage is identified on the grommet. If so, replace the grommet together with the washer and nut.



INSTALLATION

1. INSTALL TIRE PRESSURE WARNING VALVE AND TRANSMITTER
 - (a) Insert the tire pressure warning valve and transmitter into the valve installation hole. Insert from the inside of the rim so that the print surface can be seen.
- NOTICE:**
- Check that there is no visible deformation, damage or other abnormalities on the transmitter.
 - Check that there is no foreign matter on the inner grommet and around the rim hole.
 - If installed in the reverse direction, the tire pressure warning valve and transmitter may be damaged or fail to transmit signals when running at high speed.



- (b) Install the washer on the tire pressure warning valve and transmitter from the rim side and tighten with a nut.

Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)

NOTICE:

- Check that there is no foreign matter on the washer and nut.
- When removing the tire pressure warning valve and transmitter if the tire is removed for replacement, check that there is no damage or cuts, and no foreign matter such as mud, dirt or sand attached to the grommet. Replace the grommet with a new one if any of the defects mentioned above are found.
- Check that there is no oil, water or lubricant around the rim hole, tire pressure warning valve and transmitter, washer and nut. Failing to do so may result in improper installation.

- (c) After the tire is inflated, the valve nut may be loose. Retighten the nut to the specified torque and then check for air leaks with soapy water.

Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)

- (d) Set the wheel disc to the mounting machine and install the lower tire bead. At the time, position the main body of the sensor to the shaded area shown in the illustration.

NOTICE:

If the sensor is positioned outside this area, it generates interference with the tire bead, causing possible damage to the sensor.

- (e) Install the upper bead.

NOTICE:

Make sure that the tire bead and tool do not interfere with the main body of the sensor and that the sensor is not clamped by the bead.

2. INSTALL FRONT WHEEL

Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)

3. INSTALL REAR WHEEL

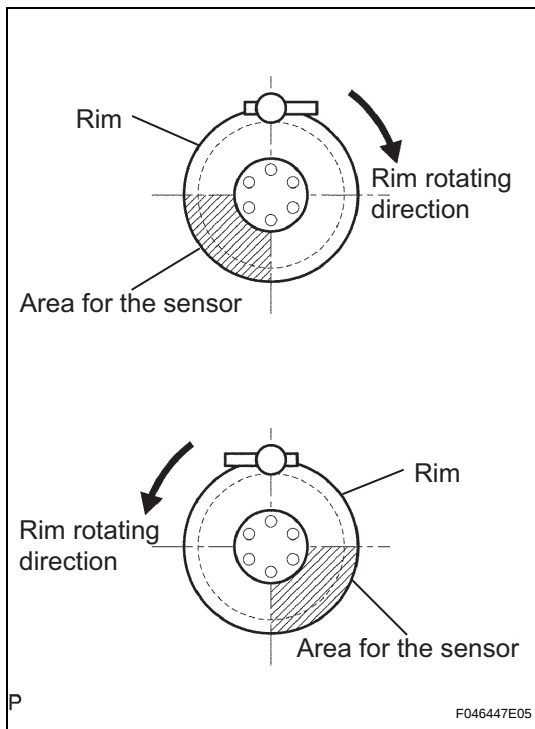
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)

4. INSPECT TIRE

5. REGISTRATION OF TRANSMITTER ID

HINT:

(See page [TW-13](#))



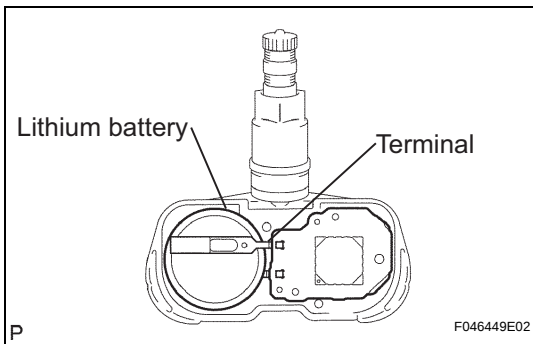
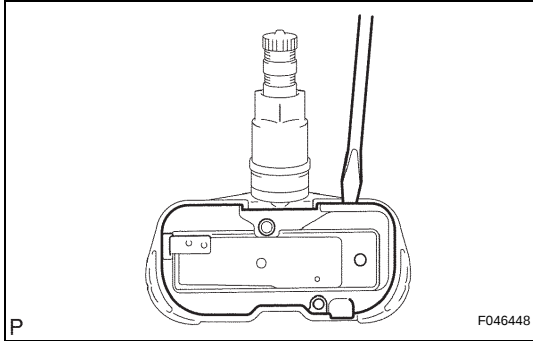
DISPOSAL

HINT:

The tire pressure warning valve and transmitter is powered by a lithium battery. When disposing the tire pressure warning valve and transmitter, remove the battery and dispose it correctly.

1. DISPOSE OF TIRE PRESSURE WARNING VALVE AND TRANSMITTER

- (a) Insert the tip of a screwdriver into the clearance and pry off the cover. Remove the back cover.



- (b) The battery and base board covered with silicone resin are exposed. While taking out the battery, cut off the 2 terminals which connects the battery and base board.