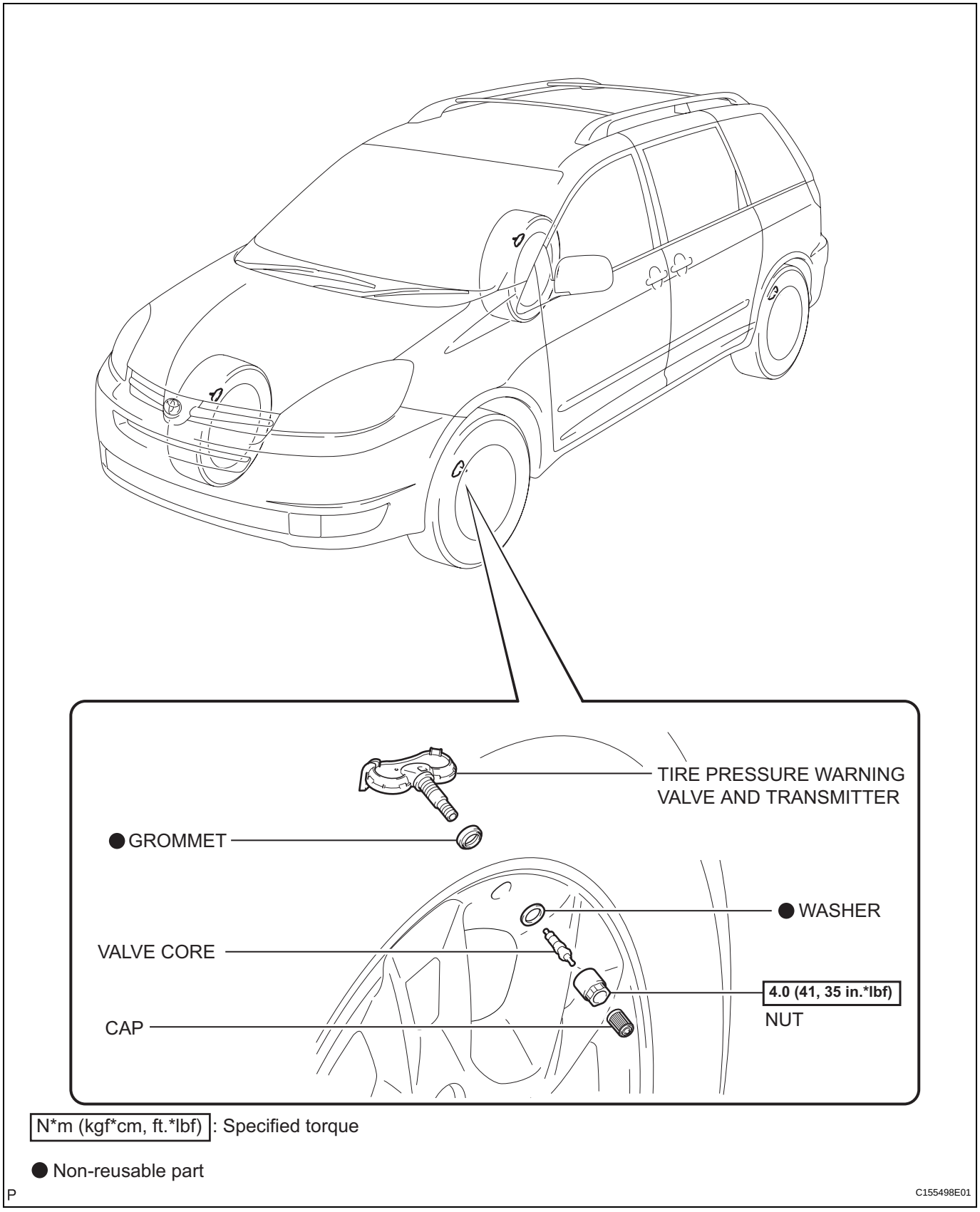
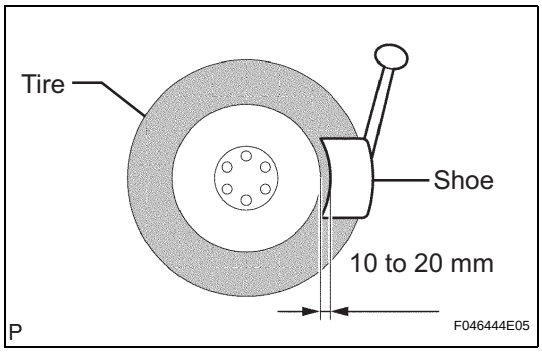
TIRE PRESSURE WARNING VALVE AND TRANSMITTER

COMPONENTS



REMOVAL

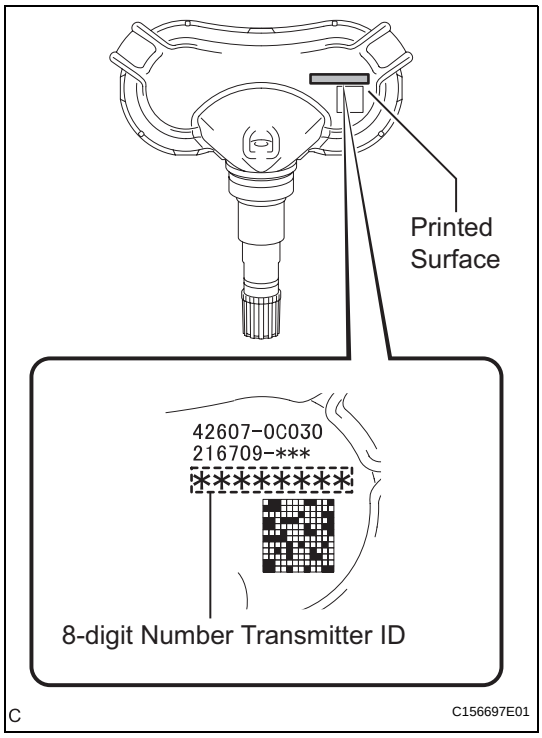
1. **REMOVE FRONT WHEEL**
2. **REMOVE REAR WHEEL**
3. **REMOVE TIRE PRESSURE WARNING VALVE AND TRANSMITTER**
   (a) Remove the valve core and cap, and release the air from the tire.
   (b) After ensuring that a sufficient amount of air has been released, remove the nut and washer that are used to secure the tire pressure warning valve and transmitter. Drop the tire pressure warning valve and transmitter inside the tire.
   HINT:
   Keep the removed cap, valve core, nut, and washer.



   (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 valve and the tire bead.
   (d) Remove the bead on the upper side in the usual way.
   (e) Take out the tire pressure warning valve and transmitter from the tire and remove the bead on the lower side in the usual way.
   NOTICE:
   If replacing the tire pressure warning valve and transmitter, make sure that a new grommet and a new washer are used.

INSTALLATION

1. **INSTALL TIRE PRESSURE WARNING VALVE AND TRANSMITTER**
   (a) Insert the tire pressure warning valve and transmitter into the valve installation hole. Insert it from the inside of the rim so that the printed surface can be seen.
   NOTICE:
   - **Check that there is no visible deformation, damage, or other abnormalities on the tire pressure warning valve and transmitter.**
   - **Check that there is no foreign matter on the inner grommet and around the rim hole.**
   - **If the tire pressure warning valve and transmitter is installed upside down, it may be damaged or fail to transmit signals when running at high speeds.**
   - **If installing a new tire pressure warning valve and transmitter, write down the ID number before installation.**
   - **It is necessary to register the ID in the ECU after installation (See page TW-20).**



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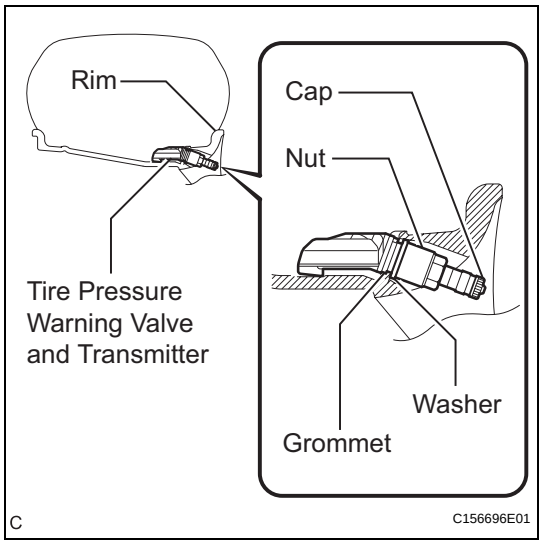
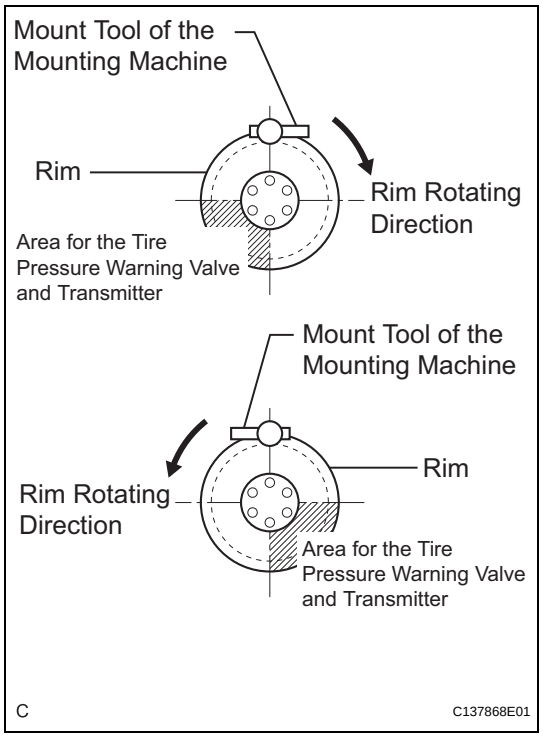




(b) Install the washer on the tire pressure warning valve and transmitter from the rim side and tighten the nut.
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)
NOTICE:
- **No further tightening is required once the nut is tightened to the specified torque.**
- **Check that there is no foreign matter on the washer and nut.**
- **If replacing the tire pressure warning valve and transmitter, make sure that the new grommet, washer, and nut are used.**
- **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) Set the wheel disc to the mounting machine and install the lower tire bead. Position the main body of the tire pressure warning valve and transmitter in the shaded area shown in the illustration.
NOTICE:
- **If the tire pressure warning valve and transmitter is positioned outside this area, it will be interfered with the tire bead, and may cause damage to the tire pressure warning valve and transmitter.**
- **If the use of lubricant is required when installing the bead, do not apply the lubricant directly to the tire pressure warning valve and transmitter.**

(d) Install the upper bead.
NOTICE:
Make sure that the tire bead and tool do not interfere with the main body of the tire pressure warning valve and transmitter and that it is not clamped by the bead.

(e) 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)
NOTICE:
No further tightening is required once the nut is tightened to the specified torque.

2. INSTALL FRONT WHEEL
Torque: 103 N*m (1050 kgf*cm, 76 ft.*lbf)

3. INSTALL REAR WHEEL
Torque: 103 N*m (1050 kgf*cm, 76 ft.*lbf)

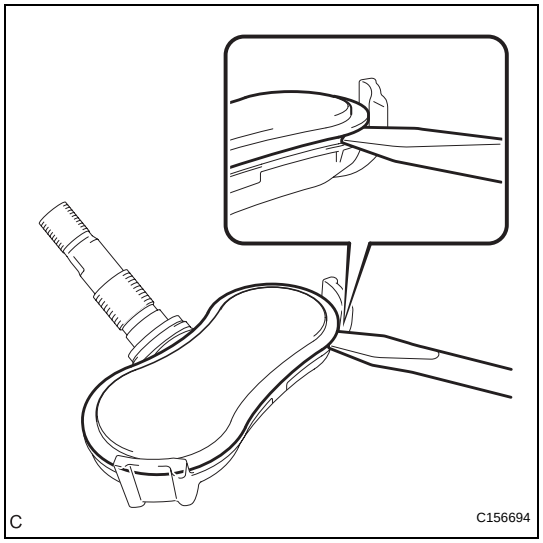
4. INSPECT TIRES
HINT:
See page TW-2.

5. **REGISTER TRANSMITTER ID**
   HINT:
   See page TW-20.

6. **INSPECT TIRE PRESSURE WARNING SYSTEM**
   HINT:
   See page TW-25.

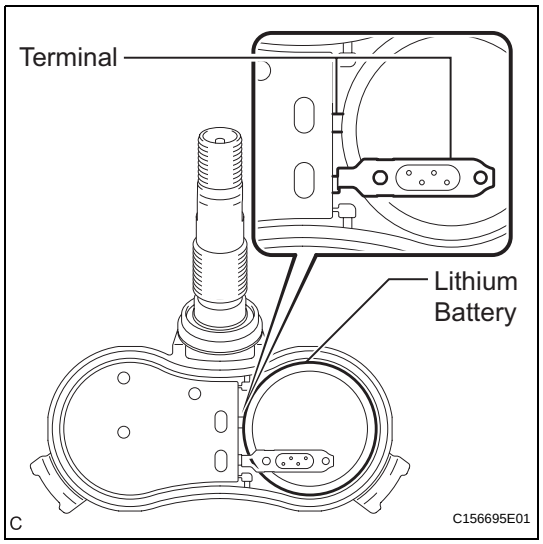
DISPOSAL

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



1. DISPOSE OF TIRE PRESSURE WARNING VALVE AND TRANSMITTER

(a) Use the tip of a screwdriver to pry off the back cover.



(b) The battery and base board covered with resin are exposed. While taking out the battery, cut the 2 terminals that connect the battery to the base board.