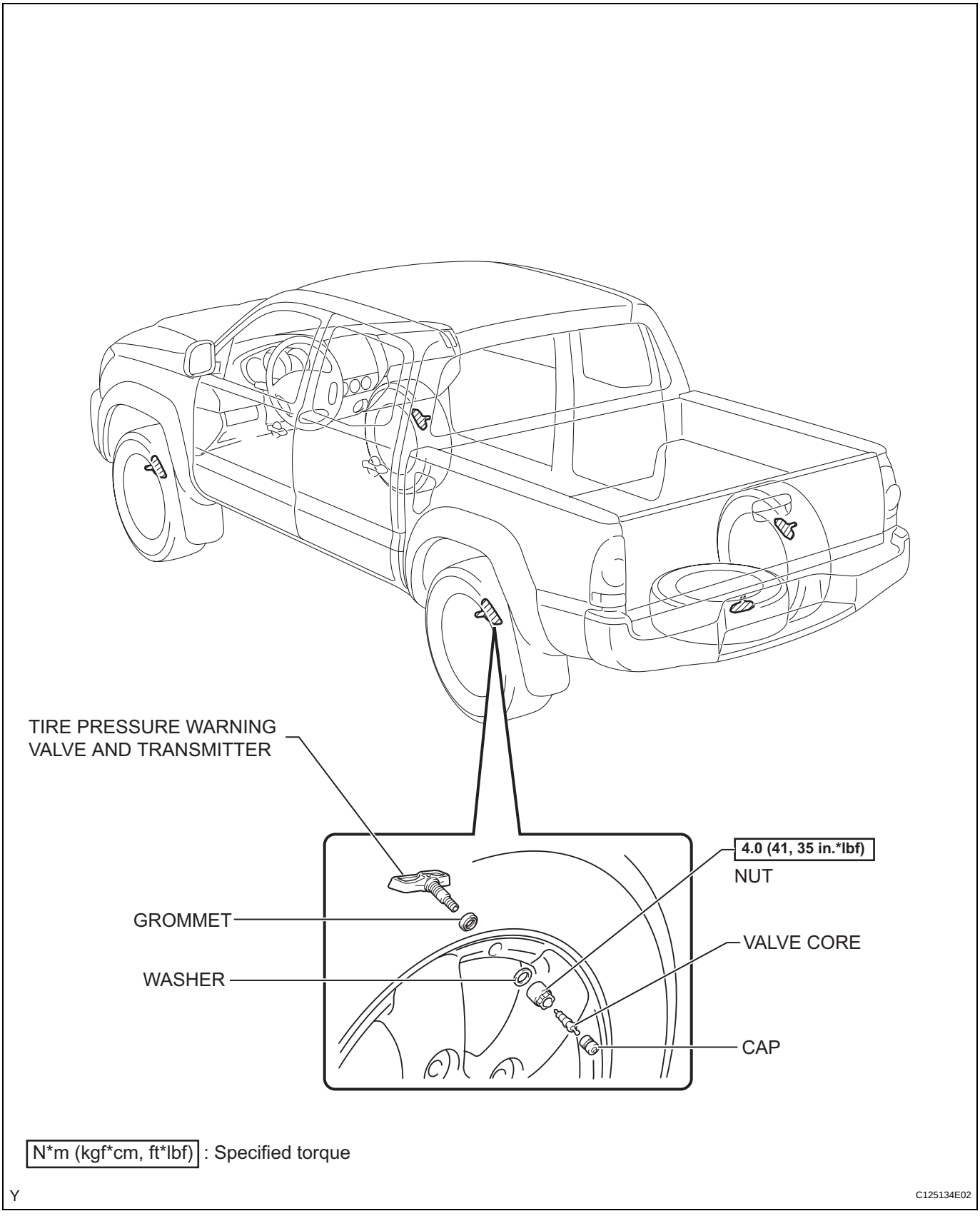
TIRE PRESSURE WARNING VALVE AND TRANSMITTER

COMPONENTS



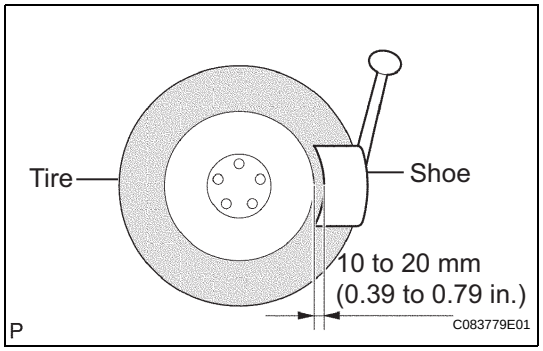
N*m (kgf*cm, ft*lbf) : Specified torque

Y

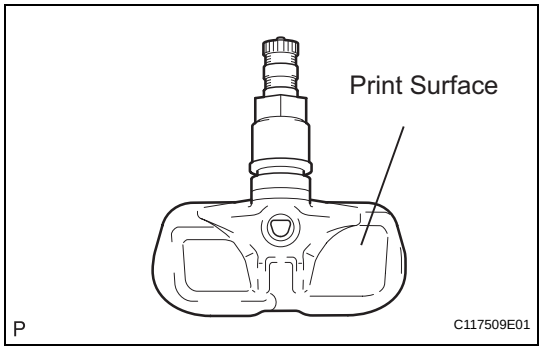
C125134E02

REMOVAL

1. **REMOVE FRONT TIRE**
2. **REMOVE REAR TIRE**
3. **REMOVE SPARE TIRE**
4. **REMOVE TIRE PRESSURE WARNING VALVE AND TRANSMITTER**
   (a) Remove the valve core and the cap, and release air from the tire.
   (b) After ensuring that air is sufficiently released, remove the nut and washer that are used to fix the tire pressure warning valve and transmitter and drop the valve sensor inside the tire.
   HINT:
   Keep the removed cap, valve core, nut and washer.

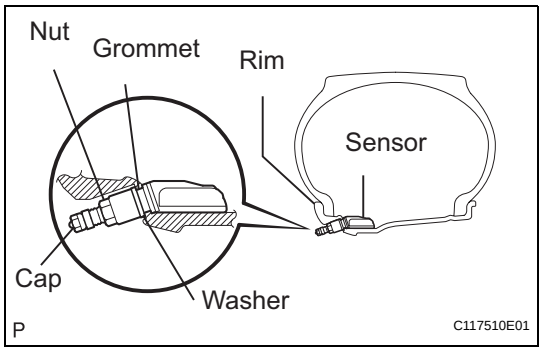


   (c) After dropping the tire pressure warning valve and transmitter into the tire, disengage the bead using the shoe of the tire remover.
   NOTICE:
   Do not damage the tire pressure warning valve and transmitter because of interference between the sensor and tire bead.
   (d) Remove the bead on the upper side.
   (e) Take the valve sensor out of the tire and remove the bead on the valve.
   HINT:
   Check that there are no cracks or damage to the grommet. If any damage is found, replace the grommet together with the washer and nut.



INSTALLATION

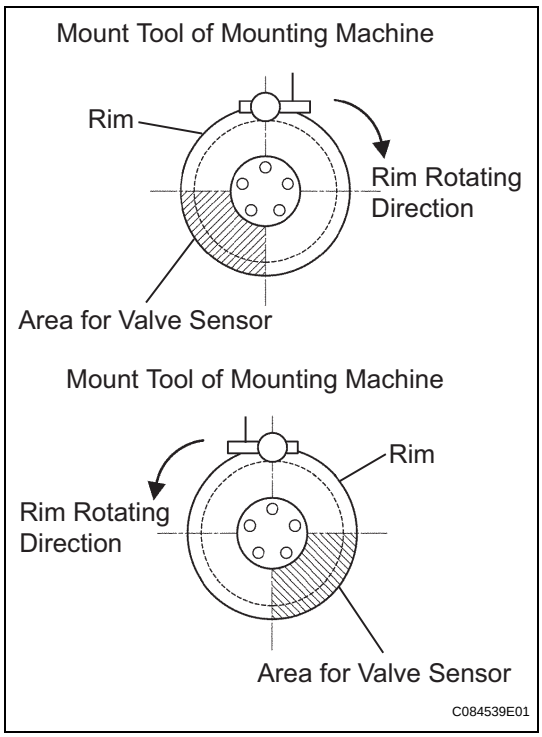
1. **INSTALL TIRE PRESSURE WARNING VALVE AND TRANSMITTER**
   (a) Insert the tire pressure warning valve and transmitter into the valve installation hole. Insert it from the inside of the rim so that the print surface can be seen.
   NOTICE:
   - **Check that there is no visible deformation, damage or other abnormalities in 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.**
   - **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-11).**



(b) Install the washer onto the tire pressure warning valve and transmitter from the rim side and tighten it with the nut.
Torque: 4.0 N*m (41 kgf*cm, 35 in.*lbf)
NOTICE:
- **The specified torque only applies the first time washer is used.**
- **Check that there is no foreign matter on the washer or nut.**
- **If the tire pressure warning valve and transmitter is removed when 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 necessary.**
- **Check that there is no oil, water or lubricant around the rim hole, tire pressure warning valve and transmitter, washer and nut. Failing to check 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)
NOTICE:
The specified torque only applies the first time washer is used.

TW



(d) Set the wheel disc to the mounting machine and install the lower tire bead. Position the main body of the valve sensor in the shaded area shown in the illustration.
NOTICE:
If the valve sensor is positioned outside this area, it generates interference with the tire bead, causing possible damage to the valve sensor.

(e) Install the upper bead.
NOTICE:
Make sure that the tire bead and tool do not interfere with the main body of the valve sensor and that the valve sensor is not interfered with the bead.

2. **INSTALL FRONT WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)

3. **INSTALL REAR WHEEL**
Torque: 113 N*m (1,152 kgf*cm, 83 ft.*lbf)

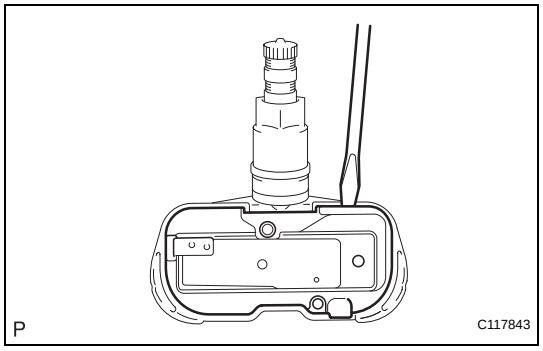
4. **INSTALL SPARE TIRE**

5. **REGISTER TRANSMITTER ID (See page TW-11)**

6. **INSPECT TIRE PRESSURE WARNING SYSTEM**
(See page TW-11)

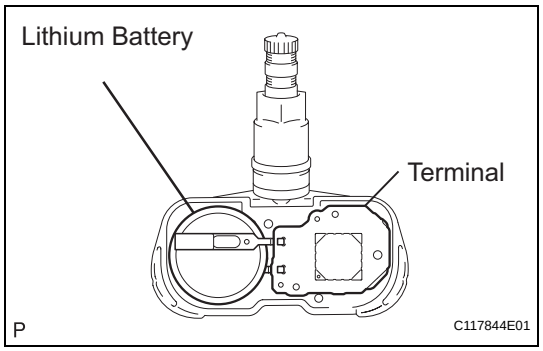
DISPOSAL

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) Using a screwdriver, pry off the cover. Remove the back cover.



(b) Remove the battery and cut the 2 terminals which connect the battery and base board.
HINT:
The battery and base board covered with silicone resin are exposed.