

## REPLACEMENT

### 1. REMOVE FRONT TIRE

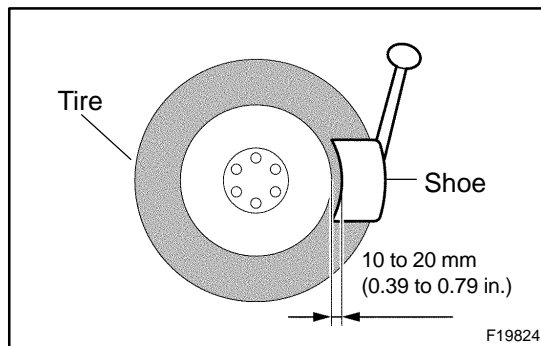
### 2. REMOVE REAR TIRE

### 3. REMOVE TIRE PRESSURE MONITOR VALVE

- (a) Remove the valve core and 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 monitor valve sub-assy and drop the sensor inside the tire.

#### HINT:

Keep the removed cap, valve core, nut and washer.



- (c) After dropping the tire pressure monitor valve sub-assy into the tire, disengage the bead using the shoe of the tire remover.

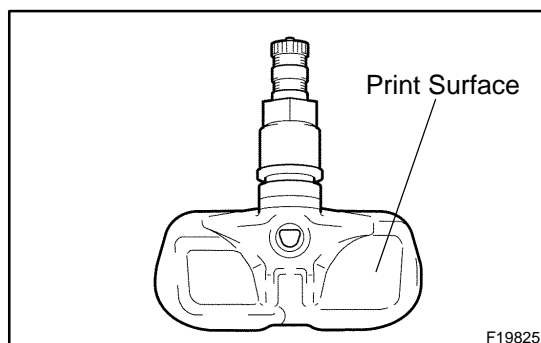
#### NOTICE:

**Be careful not to damage the tire pressure monitor valve because of interference between the sensor and tire bead.**

- (d) Remove the bead on the upper side.
- (e) Take out the sensor from the tire and remove the bead on the lower side.
- (f) Remove the inner grommet from the tire pressure monitor valve sub-assy.

#### 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.



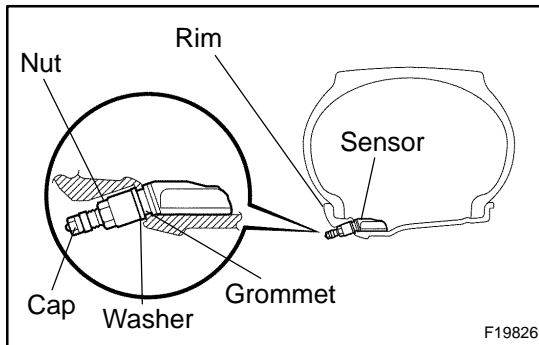
### 4. INSTALL TIRE PRESSURE MONITOR VALVE

- (a) Insert the tire pressure monitor valve 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 monitor valve may be damaged or fail to transmit signals when running at high speed.
- If installing a new tire pressure monitor valve, write down the ID number before installation.
- It is necessary to register an ID in the ECU after installation (See page [DI-1290](#)).



- (b) Install the washer on the tire pressure monitor valve 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.
- If the tire pressure monitor valve 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 any of the defects mentioned above are found.
- Check that there is no oil, water or lubricant around the rim hole, tire pressure monitor valve, 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. Position the main body of the sensor as in 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.

**5. INSTALL FRONT WHEEL**

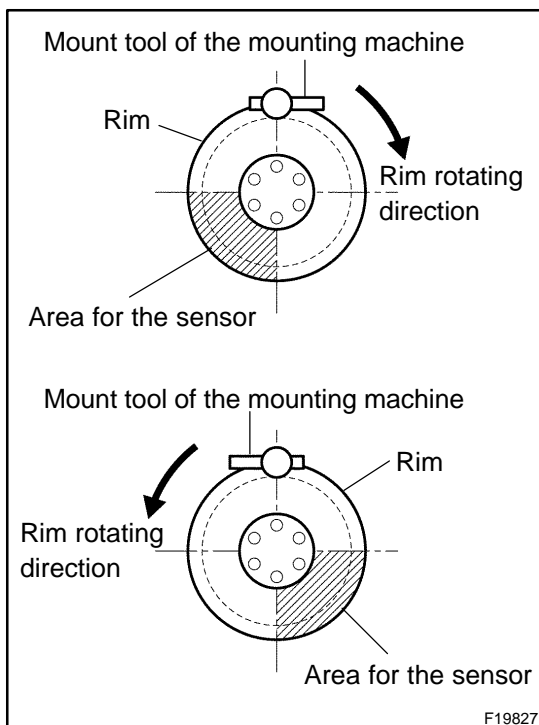
**Torque: 103 N·m (1,050 kgf·cm, 76 ft-lbf)**

**6. INSTALL REAR WHEEL**

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

**7. INSPECT TIRE (See page [SA-3](#))**

**8. REGISTRATION OF TRANSMITTED ID (See page [DI-1290](#))**



9. **INSPECT TIRE PRESSURE WARNING SYSTEM**  
(See page [DI-1287](#))  
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