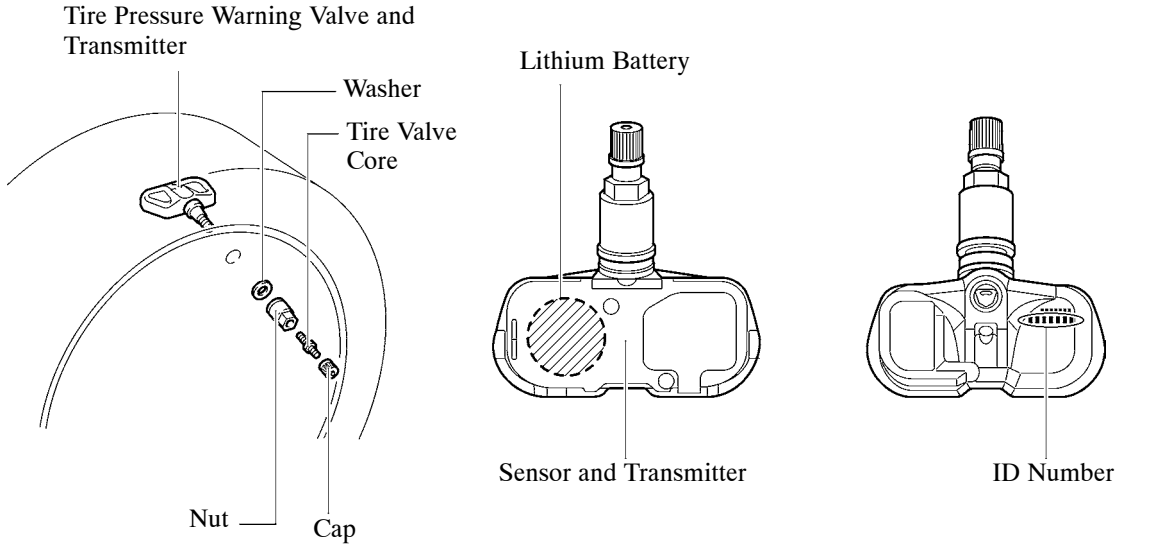
■TIRE PRESSURE WARNING VALVE AND TRANSMITTER

The tire pressure warning valve and transmitters are integrated in the tire valves. Each tire pressure warning valve and transmitter consists of a lithium battery, sensor and transmitter.

- If the tire pressure warning valve and transmitter battery voltage drops, the tire pressure warning valve and transmitter will be unable to transmit signals.
- The tire pressure warning valve and transmitter directly measures tire inflation pressure and temperature.
- The transmitter transmits these measured values to the tire pressure warning antenna and receiver on a frequency of 314.98 MHz.



06J0CH112C

Service Tip

- The lithium batteries of the tire pressure warning valve and transmitter are of a non-replaceable type. If the lithium battery is depleted, the tire pressure warning valve and transmitter assembly must be replaced.
- Make sure to install the tire pressure warning valve and transmitter in wheel in accordance with prescribed procedure. Failure to do so could result in the incorrect measurement of the tire inflation pressure, damage to the sensor, or air leakage.
- A new tire pressure warning valve and transmitter is shipped in sleep mode to prevent the battery from depleting in storage. When the pressure in the detection portion of the tire pressure warning valve and transmitter increases or decreases by 40 kPa (0.4 kgf/cm^2, 5.8 psi) within 30 sec., the tire pressure warning valve and transmitter automatically cancels sleep mode. Once sleep mode is canceled, the tire pressure warning valve and transmitter cannot return to sleep mode.
- The ID number is written on the tire pressure warning valve and transmitter.

For detail, see the 2008 FJ CRUISER Repair Manual (Pub. No. RM07C0U).