

Installing tire pressure warning valves and transmitters

When replacing tires or wheels, tire pressure warning valves and transmitters must also be installed.

When new tire pressure warning valves and transmitters are installed, new tire pressure warning valve and transmitter ID codes must be registered in the tire pressure warning computer and the tire pressure warning system must be initialized. Have tire pressure warning valve and transmitter ID codes registered by your Toyota dealer. (→P. 337)

Initializing the tire pressure warning system

n The tire pressure warning system must be initialized in the following circumstances:

- I When changing the tire inflation pressure by changing traveling speed or load weight, etc.
- I When changing the tire size.

When the tire pressure warning system is initialized, the current tire inflation pressure is set as the pressure benchmark.

n How to initialize the tire pressure warning system

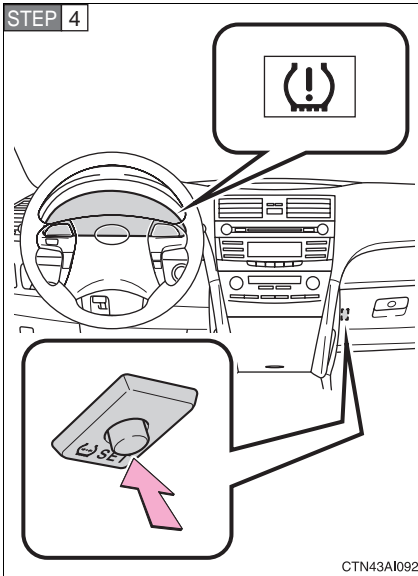
STEP 1 Park the vehicle in a safe place and turn the “ENGINE START STOP” switch or the engine switch OFF.

While the vehicle is moving, initialization is not performed.

STEP 2 Adjust the tire inflation pressure to the specified cold tire inflation pressure level. (→P. 436)

Make sure to adjust the tire pressure to the specified cold tire inflation pressure level. The tire pressure warning system will operate based on this pressure level.

STEP 3 Turn the “ENGINE START STOP” switch to ON mode (vehicles with smart key system) or engine switch to “ON” position (vehicles without smart key system).



Press and hold the tire pressure warning reset switch until the tire pressure warning light blinks slowly 3 times.

STEP 5 Vehicles with smart key system: Wait for a few minutes with the IGNITION ON mode, and then turn the “ENGINE START STOP” switch OFF.

Vehicles without smart key system: Wait for a few minutes with the engine switch in “ON” position, and then turn the engine switch to “LOCK” position.

Registering ID codes

The tire pressure warning valve and transmitter is equipped with a unique ID code. When replacing a tire pressure warning valve and transmitter, it is necessary to register the ID code of tire pressure warning valve and transmitter. Have the ID code registered by your Toyota dealer.

n **When to replace your vehicle's tires**

Tires should be replaced if:

- | You have tire damage such as cuts, splits, cracks deep enough to expose the fabric or bulges indicating internal damage
- | A tire goes flat repeatedly or cannot be properly repaired due to the size or location of a cut or other damage

If you are not sure, consult with your Toyota dealer.

n **Replacing tires and wheels**

If the ID code of the tire pressure warning valve and transmitter is not registered, the tire pressure warning system will not work properly. After about 20 minutes, the tire pressure warning light comes on after blinking for 1 minute to indicate a system malfunction.

n **Tire life**

Any tire over 6 years old must be checked by a qualified technician even if it has seldom or never been used or damage is not obvious.

n **If the tread wears down 0.16 in. (4 mm) or more on snow tires**

The effectiveness of snow tires is lost.

n **If you press the tire pressure warning reset switch accidentally**

If initialization is performed, adjust the tire inflation pressure to the specified level and initialize the tire pressure warning system again.

n When the initialization of the tire pressure warning system has failed

Initialization can be completed in a few minutes. However, in the following cases, the settings has not been recorded and the system will not operate properly. If repeated attempts to record tire inflation pressure settings are unsuccessful, have the vehicle inspected by your Toyota dealer.

- | When operating the tire pressure warning reset switch, the tire pressure warning light does not flash 3 times.
- | After driving for a certain period of time since the initialization has been completed, the warning light comes on after blinking for 1 minute.

n Routine tire inflation pressure checks

The tire pressure warning system does not replace routine tire inflation pressure checks. Make sure to check tire inflation pressure as part of your routine of daily vehicle checks.

n Maximum load of tire

Check that the maximum load of the replaced tire is greater than 1/2 of the Gross Axle Weight Ratings (GAWR) of either the front axle or the rear axle, whichever is greater.

For the maximum load of the tire, see the load limit at maximum cold tire inflation pressure mentioned on the sidewall of the tire, and for the Gross Axle Weight Ratings (GAWR), see the Certification Label. (→P. 344, 442).