

The overview of tire pressure sensor learning methods. The types of learning methods are divided into A, S, O, A/O, S/O, A/S/O, and C.

Introduction to learning methods:

### **1. "A" stands for self-learning mode**

Learning steps:

- 1-1. Install the tire pressure sensor correctly
- 1-2. Adjust the tire pressure of all tires to the standard value (the manufacturer's nominal value mark is located at the lower position of the door frame of the driver's seat)
- 1-3. The vehicle remains in a completely stationary state for more than 20 minutes (ignition and power off)
- 1-4. Drive at a speed of 30-100 km/h for more than 15 minutes
- 1-5. The vehicle will automatically learn the new sensor information, and the tire pressure warning will disappear after the learning is successful (if the tire pressure data can be showed on the vehicle, the real-time tire pressure data will be displayed). If learning fails, please repeat steps 2-5

### **2. "S" stands for static learning mode**

Learning steps:

- 2-1. Install the tire pressure sensor correctly
- 2-2. Pull up the parking brake
- 2-3. Turn the ignition switch to the energized position (engine off)
- 2-4. Enter the tire pressure learning mode through the vehicle dashboard. There will be corresponding prompts on the dashboard (the method of entering the tire pressure learning mode for each brand model will be different, please refer to the vehicle manual or consult a professional)
- 2-5. Starting from the left front wheel (some models will have the corresponding position turn signal flashing), use the activation tool (Daotong, Yuanzheng, etc.) to activate the tire pressure sensor. If the activation is successful, the vehicle will have a whistle or a steering corresponding to the sensor position being learned The light flashes.

! Note: The first sensor should be learned within 2 minutes, otherwise please repeat step 4

- 2-6. After learning the left front wheel sensor successfully. For the remaining positions, please activate the remaining tire pressure sensors in the order of front right, rear right, and rear left. The activation prompt and activation success status are the same as step 5.

! Note: The remaining sensor learning needs to be completed within 3 minutes, otherwise please skip back to step 4 and repeat the sequence operation

- 2-7. Transfer the vehicle to the flame-out and power-off state. Adjust the tire pressure of all tires according to the standard value of tire pressure (the manufacturer's nominal value mark is located at the lower position of the door frame in the driving position)
- 2-8. After the learning is successful, the tire pressure warning will disappear (if the tire pressure value is supported, the real-time tire pressure data will be displayed). If learning fails, please repeat steps 4-7

### **3. "O" stands for OBD learning mode**

Learning steps:

- 3-1. Need a tire pressure activation device (Dutong Yuanzheng, etc.)
- 3-2. Correctly install tire pressure sensor

3-3. Adjust the tire pressure of all tires to the standard value (the manufacturer's nominal value mark is located at the lower position of the door frame in the driving position)

3-4. Activate the tire pressure sensor in the order of left front, right front, right rear, and left rear

3-5. Connect the tire pressure sensor activation device to the OBD II interface of the vehicle, and use the OBD learning function in the tire pressure activation device to write the sensor ID

3-6. Turn the ignition switch to the energized position, and reactivate the sensor in the order of front left, front right, rear right, and rear left

3-7. The vehicle remains powered off and stalled for more than 25 minutes

3-8. Drive at a speed of 30-100 km/h for more than 15 minutes. If the learning is successful, the tire pressure alarm light will go out. Otherwise, please skip back to step 4 and repeat the sequence operation

**4. A/O means that the vehicle supports both A and O learning modes. Which learning mode can be selected according to the actual situation**

**5. S/O means that the vehicle supports both A and O learning modes. Which learning mode can be selected according to the actual situation**

**6. A/S/O means that the vehicle supports the learning modes of A, S, and O at the same time, and which learning mode can be selected according to the actual situation.**

**7. "C" stands for clone ID learning**

Note: The vehicle with this learning method can only use the following three methods to copy the ID to the new sensor to replace the original sensor. If the new sensor cannot change its ID, the sensor can only be replaced by the equipment provided by the original vehicle manufacturer

Method 1--steps:

1-1. Use the tire pressure activation device (Daotong Yuanzheng, etc.) to activate the original sensor and copy the ID to the tire pressure activation device

1-2. Then program the copied ID into the new sensor through the tire pressure activation device. (Note that the ID format carry method should be the same as the original sensor)

1-3. Remove the tire that has just copied the sensor ID, remove the original sensor, install the new sensor that has just been programmed, and replace the tire

Method 2--steps:

2-1. Use tire pressure activation device (Daotong Yuanzheng, etc.) to connect to the vehicle OBD II interface, enter the vehicle operating system, and copy the ID of the sensor to be replaced from the vehicle system

2-2. Program the ID copied to the tire pressure activation device into the new sensor. (Note that the ID format carry method should be the same as the original sensor)

2-3. Remove the tire that just copied the sensor ID, remove the original sensor, install the newly programmed sensor, and install the tire back

Method 3--steps:

3-1. Remove the tire to replace the sensor, remove the original sensor

3-2. Use the tire pressure activation device to program the original sensor ID into the new sensor by "manual creation". (Note that the ID format carry method should be the same as the original sensor)

3-3. Correctly install the new sensor to the tire, adjust the tire pressure to the standard value (the manufacturer's nominal value mark is located at the lower position of the door frame in the driving position), and install the tire back to the vehicle