

Tire Low Pressure Sensor (74.10.05)

Removal

NOTE:

It is strongly recommended that the valve seal and steel washer is replaced each time a tire is changed to avoid a seal failure. The seal and washer must be replaced if the sensor is removed. Removal of the sensor retaining nut must be regarded as sensor removal. The valve cap must always be in place except when inflating, releasing pressure or checking pressure.

1.



WARNING: Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

Raise and support the vehicle.

2.

Remove the wheel and tire.

3.



CAUTION: To avoid damage to the tire low pressure sensor, release the tire bead from the rim, 180 degrees from the valve.

Remove the tire from the wheel.

4.



CAUTION: Do not push on the valve.



CAUTION: If the tire low pressure sensor is to be re-installed, a new washer, seal and nut must be installed.

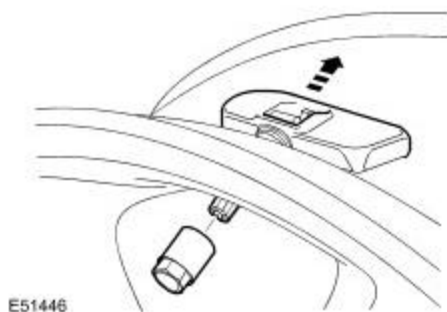
Remove the tire low pressure sensor.



Remove the nut.



Release and withdraw the sensor along the valve axis.



5.

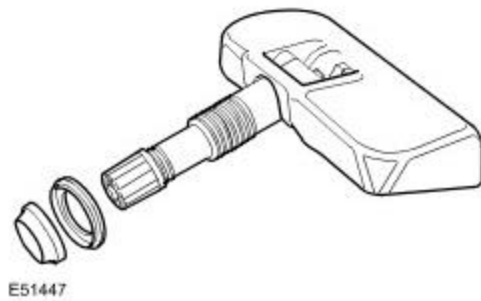
If necessary, install a new seal and washer.




Remove and discard the seal and washer.



Install a new washer and seal, making sure the valve remains pressed fully onto its seat.



Installation

1.  **CAUTION: Do not use compressed air to clean the sensor. Do not clean the sensor with solvents or cleaning agents of any type, use a clean dry cloth.**

Clean the component mating faces.

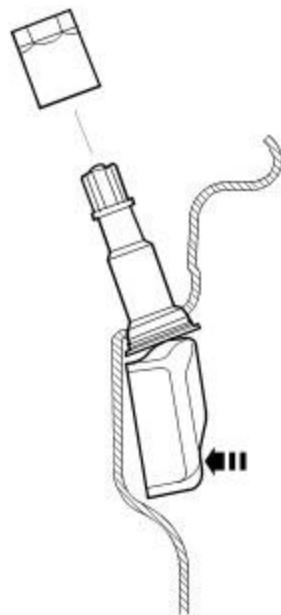
2.  **CAUTION: Do not apply any lubricant to the new valve.**


NOTE:

If the sensor is replaced on a 'running' wheel, the new sensor identification will be learnt when the vehicle is first driven. If a new sensor is fitted to the spare wheel the identification for that sensor must be programmed into the Tire Pressure Monitoring System (TPMS) module using T4. The identification code is provided on a label with the complete assembly and is also printed on the casing of each sensor.

Install the tire low pressure sensor.

- Install and hand tighten the nut whilst keeping the sensor in place.
- Tighten the nut to 6.5 Nm (4.8 lb.ft).



- 3 . Install the tire and balance the wheel.
- 4 . Install the wheel and tire.
 -  Tighten the wheel nuts to 140 Nm (103 lb.ft).