

LAUNCH TSENSOR-05N

可编程通用型射频胎压传感器

快速入门

! 在操作或维护传感器之前，请仔细阅读本手册，并特别注意安全警告和注意事项。正确并小心地使用本传感器，否则可能导致损坏和/或人身伤害，并将使保修失效。

安全守则

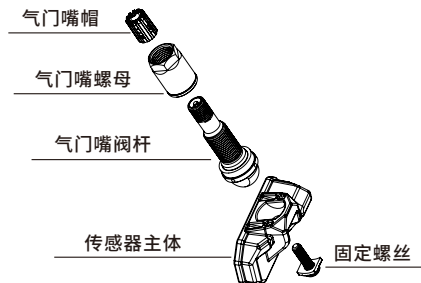
在安装传感器之前，请仔细阅读注意事项和安装说明。出于安全和优化操作的原因，我们建议所有维修和保养工作仅由经过培训的专业人员进行。

TPMS（胎压监测系统）传感器是车辆的安全部件，仅用于专业安装，安装不当可能导致TPMS传感器损坏。对于操作不当造成的设备损坏、经济损失或人员伤亡，元征公司概不承担任何责任。

! 注意事项

- 拆装车辆胎时，请严格按照换胎机制造商的使用说明进行操作。
- 请不要将装有此传感器的车辆用于竞赛。请将装有此传感器的车辆车速始终保持在240km/h以下。
- 为确保最佳性能，请勿将其它厂商和品牌的胎压传感器的配件安装在元征胎压传感器上。
- 如果传感器外部损坏，必须更换新的传感器，正确的传感器扭矩为4 N·m。
- 安装前确保使用元征胎压专用检测设备通过选择特定车系，车型和年款对元征传感器进行编程。
- 请勿将已编程的元征传感器安装在损坏的车轮中。
- 完成安装后，请按照原厂制造商用户指南中所述的步骤测试车辆的TPMS系统，以确认正确安装。

传感器组件



技术参数

产品尺寸	74.39 mm*27.04mm*19mm
重量	35g
IP防护等级	IP6K9K
工作温度	-40℃ ~ 120℃
存储温度	-40℃ ~ 120℃

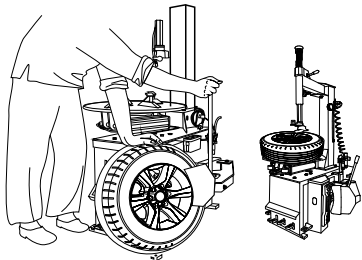
安装指南

1. 松开轮胎

拆下气门嘴帽和气门嘴螺母，并将轮胎放气。

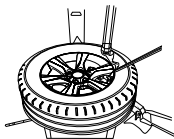
使用风压铲将橡胶外胎剥离轮辋。

! 注意：确保气门嘴以180°角面向风压铲。



2. 拆下轮胎

将轮胎夹紧在换胎器上，调整气门嘴到相对于轮胎分离头1点钟的位置，插入轮胎工具并将轮胎胎圈提升到安装头上以拆卸胎圈。



! 注意：在整个拆卸过程中必须遵守这个起始位置。

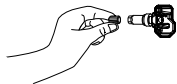
3. 拆卸传感器

从阀杆上拆下气门嘴帽和螺母，然后从轮辋拆下传感器组件。



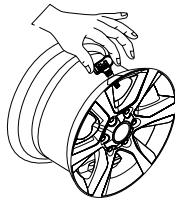
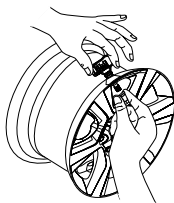
4. 安装传感器和气门嘴

步骤1：逐个拆下气门嘴上的气门嘴帽和螺母。



步骤2：确保传感器位于轮辋内侧，然后将阀杆穿过阀孔，将螺母装回阀杆上。用4 N·m的扭矩拧紧螺母，再将气门嘴帽装回阀杆上。

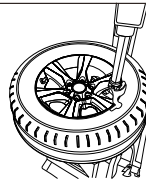
! 注意：螺母和气门帽都应该位于轮辋外侧。



5. 安装轮胎

将轮胎放在轮辋上，确保气门嘴以180°角面向分离头，将轮胎安装在轮辋上。

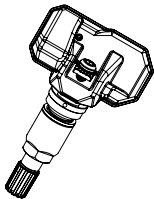
! 注意：请严格按照换胎机制造商的使用说明将轮胎安装到轮辋上。



保修

元征保证该传感器在24个月或50000公里的时间内（以先到者为准），如有任何材料或者制造缺陷，将免费保修。在保修期内，元征将自行决定更换任何商品。如果发生以下任何情况，保修将失效：

1. 产品安装不当和使用不当
2. 非元征产品低频感应缺陷
3. 碰撞或轮胎故障造成的损坏
4. 超出特定的压力/速度限制造成的损失



LAUNCH TSENSOR-05N

Programmable Universal TPMS Sensor

Quick Start Guide

⚠ IMPORTANT: Read, understand and follow all safety messages and instructions in this manual before operating or maintaining this unit. Use this unit correctly and with care. Failure to do so may cause damage and/or personal injury and will void the product warranty.



Safety Instructions

Any maintenance and repair work must be carried out by trained technicians. Failure to do so may result in the failure of the TPMS sensor. LAUNCH does not assume any liability in case of faulty or incorrect installation of the unit.



CAUTION

- When mounting/dismounting the wheel, follow the operation guideline of the wheel changer manufacturer strictly.
- Do not race with the vehicle on which the sensor is mounted, and always keep the driving speed under 240km/h.
- To guarantee optimal performance, the sensor shall only be installed with the original accessories provided by LAUNCH.
- If the sensor is damaged on the outer surface, it must be replaced with a new one, and the specified sensor torque is 4 N·m.
- Make sure to program the sensors by using the LAUNCH-specific TPMS tool prior to installation.
- Do not install programmed TPMS sensors in damaged wheels.
- After installing the TPMS sensor, test the vehicle's Tire Pressure Monitoring System following the

steps described in the original manufacturer's user manual to confirm proper installation.

Compliance Information

FCC ID: XUJTSENN

IC: 29886-TSENN

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Innovation, Science and Economic Development Canada's licence-exempt RSSs and part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference; and

(2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme aux RSSs exempts de licence d'Innovation, Sciences et Développement économique Canada et à la partie 15 des règles de la FCC. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences nuisibles; et

(2) Cet appareil doit accepter toute interférence reçue, y compris les interférences susceptibles de

provoquer un fonctionnement indésirable.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV

technician for help.

This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

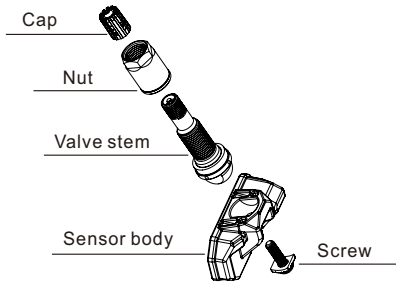
Lors de l'installation et du fonctionnement de cet équipement, la distance minimale entre le radiateur et le corps doit être de 20cm.

This device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The RF frequencies can be used in Europe without restriction.

Disclaimer

- All information, illustrations, and specifications in this quick start guide are based on the latest information available at the time of publication.
- The right is reserved to make changes at any time without notice. LAUNCH shall not be liable for any direct, special, incidental, indirect damages or any economic consequential damages (including the loss of profits) due to the use of the document.

Components & Controls



Technical Specifications

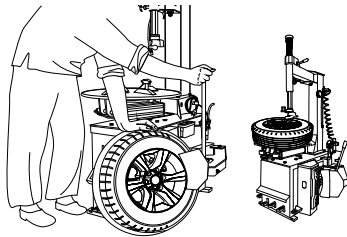
Dimensions	74.39 mm*27.04mm*19mm
Weight	35g
IP Rating	IP6K9K
Operating Temperature	-40℃ ~ 120℃
Storage Temperature	-40℃ ~ 120℃

Installation Steps

1. Loosening the tire

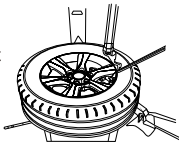
Remove the valve cap and nut, and deflate the tire. Use the bead loosener to break the tire bead.

⚠ Caution: The bead loosener must be facing the valve.



2. Dismounting the tire

Clamp the tire on the tire changer, and adjust the valve at 1 o'clock to the tire fitting head. Use the tire tool to dismount the tire bead.



⚠ Caution: Always observe this starting point during the whole dismounting process.

3. Dismounting the sensor

Remove the cap and nut from the valve stem, and then remove the sensor assembly from the wheel rim.



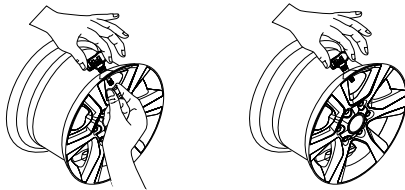
4. Mounting the sensor and valve

Step 1. Remove the cap and nut from the valve stem.



Step 2. Place the valve stem through the valve hole of the rim, ensuring the sensor body located on the inside of the rim. Assemble the nut back on the valve stem with a torque of 4N·m, then tighten the cap.

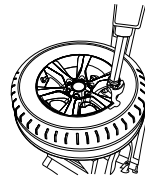
⚠ Caution: Make sure that the nut and cap are installed on the outside of the rim.



5. Remounting the tire

Place the tire on the rim, ensure that the valve starts on the opposite side of the rim from the tire fitting head. Mount the tire over the rim.

⚠ Caution: Strictly follow tire changer manufacturer's instructions to mount the tire.



Warranty

The sensor is guaranteed to be free from material and manufacturing defects for a period of twenty-four (24) months or for 31000 miles, whichever comes first. This warranty covers any defects in materials or workmanship under normal use during the warranty period. Excluded from the warranty are defects due to improper installation and usage, induction of defect by other products, damage due to collision or tire failure.

Manufacturer Information

Manufacturer: LAUNCH TECH CO., LTD.
Address: No.4012, Launch Industrial Park, North Wuhe Rd, Bantian Street, Longgang District, Shenzhen, China

Website: <https://en.cnlaunch.com>
Phone: +86 755 8455 7891
Email: overseas.service@cnlaunch.com