LAUNCH



LTR-03

RF-Sensor

Quick Start Guide

⚠ IMPORTANT: Read these instructions carefully and use this unit properly before operating. 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 experts. 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 wheel changer manufacturer strictly.
- Do not race with the vehicle on which the LTR-01 RF sensor is mounted, and always keep the drive speed under 240km/h.
- To guarantee optimal performance, the sensors may only be installed with original valves and accessories provided by LAUNCH.
- Make sure to program the sensors using 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 TPMS following the steps described in the original manufacturer's user manual to confirm proper installation.

FCC Warning

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

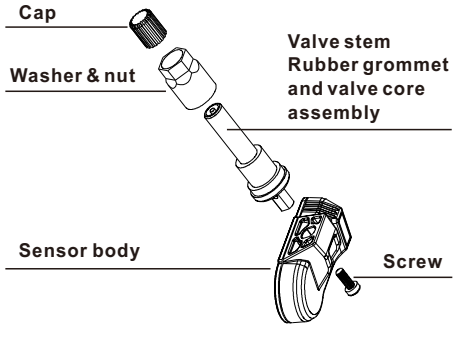
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.This equipment should be installed and operated with minimum distance 20cm between the radiator &your body.

Disclaimer of Warranties and

Limitation of Liabilities

All information, illustrations, and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice. We 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 Parameters

Weight	<30g
Dimension(L*W*H)	About 72*51*27mm
Working Voltage	3V
IP Rating	IP67

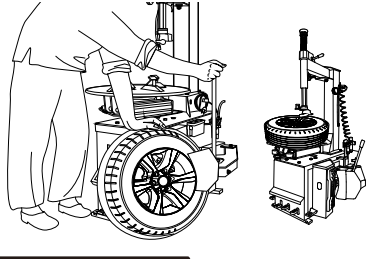
⚠ When replacing or servicing the sensor, please only use the original valves and accessories provided by LAUNCH to ensure proper sealing. It is mandatory to replace the sensor if it is externally damage. Always remember to tighten the nut to the correct torque of 4N·m.

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.

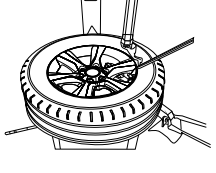
⚠ Caution: The bead loosener must be facing the valve.



2. Dismounting the tire

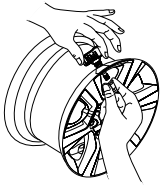
Clamp the tire on the tire changer, and adjust the valve at 1 o'clock to the tire fitting head. Use the tire tool to dismount the tire bead.

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



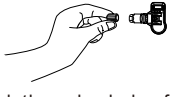
3. Dismounting the sensor

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



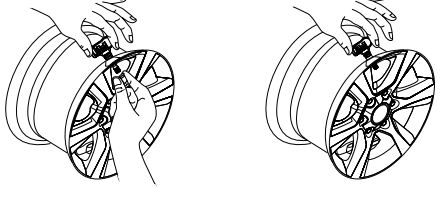
4. Mounting the sensor and valve

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.

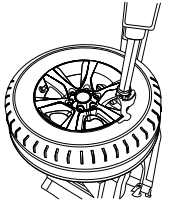
⚠ Caution: Make sure that the nut and cap are installed on the outside of the rim.



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.

WARNING:

Please mind potential fire risk and strictly follow the instruction manual for charging and storage. For disposal, please check your local authority's website for more information and dispose of the lithium-ion battery safely in accordance with the applicable legal requirements.