DALIQIBAO CB-985 TPMS Sensor User Manual

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DALIQIBAO CB-985 TPMS Sensor

General Description

Tire pressure sensor is composed of a TPS chip, battery, antenna, RF chip and RF matching network. The 3V button battery provides power to the TPS chip and RF chip at the same time, TPS chip measures the pressure temperature and acceleration inside the tire and transmits the data to the RF chip through the SPI communication interface. When the TPS chip detects acceleration, The RF chip broadcasts the data through the antenna (broadcast frequency: 2402MHz, 2426MHz, 2480MHz)

Operation Functions

Real-time detection of tire pressure and temperature and display, when the pressure and temperature are abnormal, timely sound and light alarm information to remind the driver to pay attention to driving safety.

Product Features

Powerful functions include low-pressure alarms in 3 levels, fast leak alarm standard pressure setting, etc. Monitor connects to continuous power to ensure full-time monitoring Design of the whole system matches the truck perfectly Simple operation for function programming and inquiry

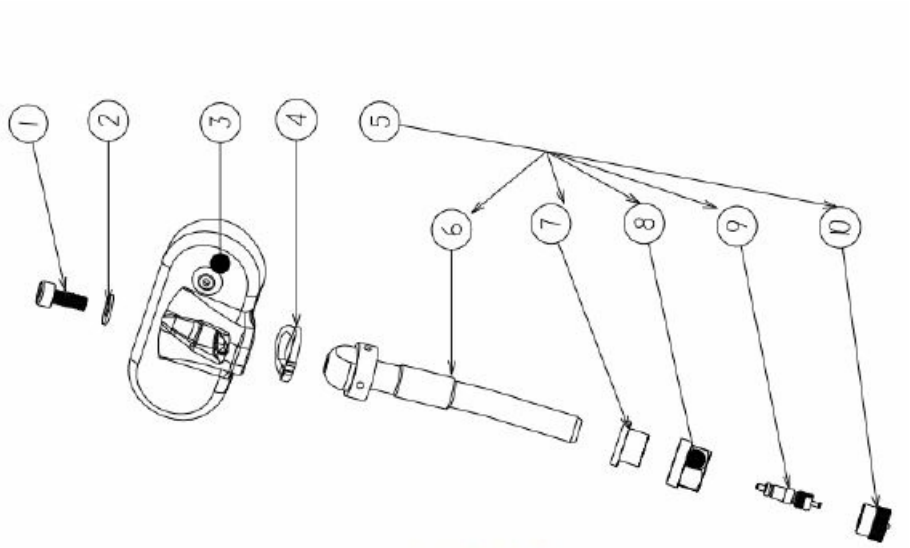
Product information

- **Product name:** TPMS Sensor
- **Product model:** TSB71
- **PMN:** TPMS Sensor
- **HVIN:** TSB71
- **Manufacturer:** Suzhou Unison Auto Electronic Co., Ltd.
- **Manufacturer Address:** No.35 building, Yantai Rd., Suzhou Industrial Park, Suzhou, Jiangsu, P.R.China

Operating condition

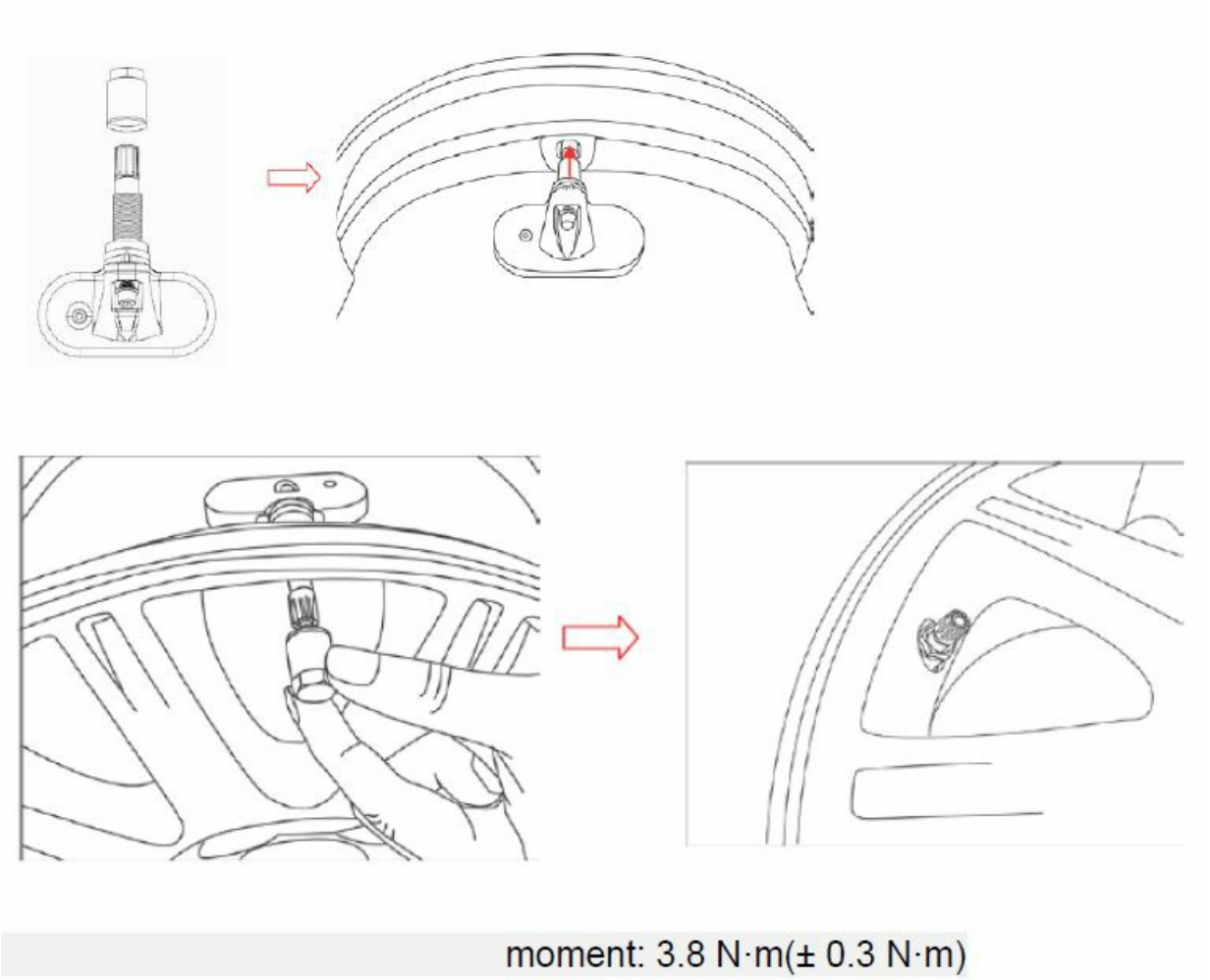
Input Pressure Range	100kPa ~ 900kPa
Supply Voltage	2.1V – 3.6V
Operating Temperature	-40℃ – 105℃
Z-axis Acceleration	355g Max
RF Frequency	2402MHz, 2426MHz, 2480MHz

Installing structure



TPMS Sensor

Installation requirements



Tires must do dynamic balance testing and adjusting.

Federal Communications Commission (FCC) Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, under 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 under 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 of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and the receiver.
- Connect the equipment to 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. FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

RF exposure warning
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	DALIQIBAO CB-985 TPMS Sensor [pdf] User Manual CB-985, CB-985 TPMS Sensor, TPMS Sensor, Sensor

References

- User Manual