XTOOL U.S.
The New Era of Automotive Diagnostic Solutions

XTOOL
Model:TS100 NFC
PA66+GF33
FCC ID: 2AW3ITPMS3
IC: 29441-TPMS3
HVIN:TPMS3
433MHz
315MHz
4Nm
SN: 0000000000000

Programmable Universal Tire Pressure Sensor

TS100 NFC

TS100 NFC TPMS sensor brings a smarter way to program-directly via your smartphone using NFC. No extra tools needed. Just tap, connect, and configure. Fast, convenient, and ideal for modern mobile technicians.

SMARTPHONE PROGRAMMING

Program the sensor directly via smartphone - no TPMS tool required. Simply configure through the app for quick and easy setup.

DUAL-FREQUENCY SUPPORT

Supports both 315MHz and 433MHz, covering more than 98% of vehicles.

OEM-LEVEL PERFORMANCE

Equipped with a high-performance sensor chip to ensure precise and reliable data, delivering performance equivalent to or better than OEM sensors.

LONG-LASTING DURABILITY

Designed for a service life of 3–5 years under normal conditions, reducing replacement frequency and overall maintenance costs.

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BEFORE USE-PROGRAMMING SENSORS

Get XTool TPMS App

Please take a smartphone (Android 5.1(64-bit) or iOS 9.0+ required), and find "XTool TPMS" app in the app store. You can also get the app by scanning the QR Code on the package. This app can be used as TS100 NFC sensor programming & detection, and can also be used to search for TPMS relearning method and OEM sensor information.

Select Vehicle (or sensor P / N)

In the "XTool TPMS" app (hereinafter called "App") you can select the vehicle brand, find the model and model year and get into the programming page for the vehicle. Or you can also search for the OE sensor P/N (Parts Number), and get to the programming page for the sensor.

Programming Page

Here is a brief introduction on the programming page.

- Programming mode: You can select the mode here, from auto to manual.
- Auto: The sensor ID will be randomly generated and be written to the sensor. The sensor needs to be relearned after installation.
- ID enter fields: If you select "Manual", then the ID fields will appear. DEC fields only accept decimal IDs. HEX fields only accept hexadecimal IDs.
- OK button: Click this button to start programming.

Start Programming

Click "OK" to start programming. Put the back of the sensor (the square part, transparent side up) close to the NFC sensing area of your smartphone (or other devices) . If the phone detects the sensor, the app will start programming automatically. DO NOT move the sensor or the smartphone until the programming succeeded, or the programming will fail and you will have to try again.

SPECIFICATIONS

Battery Life	**3-5 years**	Waterproof Rating	**IP67**
Operating Temperature	**-40℃ ~ 125℃**	Pressure Monitoring Range	**0-900kPa**
Size	**46.1*16.2*25mm**	Pressure Accuracy	**±10kPa**
Adjustment Angle	**10°~45° adjustable**	Shell material	**PA66+GF33**