

3641100XKZ16A

Generic TPMS Tire Pressure Sensor 3641100XKZ16A User Manual

For Haval H6 (2011-2020)

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Generic TPMS (Tire Pressure Monitoring System) Tire Pressure Sensor, model 3641100XKZ16A. This sensor is designed to monitor the internal pressure of your vehicle's tires, contributing to driving safety and optimal tire performance. Please read this manual thoroughly before installation and use.

2. PRODUCT OVERVIEW

The TPMS sensor is a critical component for modern vehicle safety, continuously monitoring tire pressure and transmitting data to your vehicle's onboard system. Maintaining correct tire pressure helps prevent leaks and bursts, reduces fuel consumption, and extends tire life by minimizing accelerated wear.



Figure 1: A close-up view of the TPMS sensor, showing its black plastic body with serial number SN:B2D2261700319, part number 3641100XKZ16A, and FCC ID: TTETP079. The metallic valve stem is visible at the bottom.

3. COMPATIBILITY

This TPMS Tire Pressure Sensor (Part Number: 3641100XKZ16A) is compatible with the following vehicle models:

- **Haval H6:** Model years 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020.

Please verify the original equipment number of your existing sensor to ensure compatibility before installation. If unsure, consult a qualified technician or refer to your vehicle's service manual.

4. SAFETY INFORMATION

Observe the following safety guidelines during installation and handling:

- Always work in a well-ventilated area.
- Ensure the vehicle is securely supported if lifted.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Improper installation can lead to tire damage or sensor malfunction. Professional installation is recommended.
- Do not attempt to modify the sensor.

5. SETUP AND INSTALLATION

The TPMS sensor is pre-programmed for compatibility with the specified Haval H6 models, simplifying the installation process. Professional installation is highly recommended to ensure proper sealing and functionality.

Installation Steps:

1. **Prepare the Vehicle:** Ensure the vehicle is safely parked with the engine off. If working on a wheel, ensure the vehicle is properly jacked and secured.
2. **Remove Tire:** Carefully remove the tire from the vehicle.
3. **Deflate Tire:** Deflate the tire completely.
4. **Dismount Tire from Rim:** Using appropriate tire changing equipment, dismount the tire from the rim. Exercise caution to avoid damaging the rim or the new sensor.
5. **Remove Old Sensor:** If replacing an existing sensor, carefully remove the old or damaged TPMS sensor from the valve stem opening on the rim.
6. **Install New Sensor:** Insert the new Generic TPMS sensor (3641100XKZ16A) into the valve stem opening. Ensure it is seated correctly and secured according to standard TPMS installation procedures (e.g., tightening the retaining nut to the manufacturer's specified torque). The sensor can be installed on front or rear wheels, left or right.
7. **Mount Tire and Inflate:** Mount the tire back onto the rim and inflate it to the vehicle manufacturer's recommended pressure.
8. **Rebalance Wheel:** Rebalance the wheel assembly to ensure smooth operation.
9. **Reinstall Wheel:** Reinstall the wheel onto the vehicle.
10. **Sensor Activation/Relearn:** After installation, the vehicle's TPMS system will need to recognize the new sensor. Since this sensor is pre-programmed, it typically only requires a relearn procedure, which may involve driving the vehicle for a short period or performing a specific sequence as outlined in your vehicle's owner's manual. Consult your vehicle's manual or a professional for the exact relearn procedure.

6. OPERATING INSTRUCTIONS

Once properly installed and recognized by your vehicle's TPMS system, the sensor will continuously monitor the air pressure within the tire. The main function is to provide real-time tire pressure data to your vehicle's dashboard display or warning system.

- **Automatic Monitoring:** The sensor automatically transmits tire pressure readings to the vehicle's receiver.
- **Warning Indicators:** If tire pressure falls below or rises above the recommended levels, your vehicle's TPMS warning light will illuminate, alerting you to a potential issue.
- **Improved Safety:** Consistent monitoring helps maintain optimal tire pressure, improving vehicle

handling, braking, and overall driving safety.

7. MAINTENANCE

Proper maintenance of your TPMS sensors and tires ensures their longevity and accurate performance.

- **Regular Tire Pressure Checks:** Even with TPMS, manually check your tire pressure regularly with a reliable gauge.
- **Tire Rotations and Replacements:** When rotating or replacing tires, ensure the TPMS sensors are handled carefully. It is often recommended to replace the valve stem service kit (grommet, washer, nut, valve cap) whenever a tire is dismounted from the rim to prevent leaks.
- **Avoid Harsh Chemicals:** Do not use harsh chemicals or solvents near the sensor, as they may damage its components.
- **Battery Life:** TPMS sensors are typically powered by an internal battery designed to last several years. When the battery depletes, the sensor will need to be replaced.

8. TROUBLESHOOTING

If you encounter issues with your TPMS sensor, consider the following common problems and solutions:

- **TPMS Warning Light On:**
 - **Cause:** Low tire pressure.
 - **Solution:** Check all tire pressures with a gauge and inflate to the recommended PSI. The light should turn off after driving for a short period.
- **TPMS Warning Light Flashing:**
 - **Cause:** TPMS system malfunction or sensor battery low.
 - **Solution:** Have the system diagnosed by a professional. A sensor may need replacement or the system may require a relearn procedure.
- **Incorrect Pressure Readings:**
 - **Cause:** Sensor malfunction, interference, or improper installation.
 - **Solution:** Verify tire pressure with a manual gauge. If discrepancies persist, consult a professional for diagnosis.
- **Sensor Not Detected After Installation:**
 - **Cause:** Relearn procedure not completed or sensor not properly installed.
 - **Solution:** Ensure the vehicle's TPMS relearn procedure has been correctly performed. If the issue persists, recheck installation or seek professional assistance.

For persistent issues, it is recommended to consult a certified automotive technician.

9. SPECIFICATIONS

Feature	Detail
Brand	Generic
Part Number	3641100XKZ16A (also 4926184402774)
Placement on Vehicle	Left, Right, Front, Rear
Material	Plastic + Metal
Compatibility	Haval H6 (2011-2020)
FCC ID	TTETP079
Manufacturer	LXTBOAST

10. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the retailer or manufacturer's official website where the product was purchased. Keep your purchase receipt as proof of purchase.