



## 89516-0E080 Automobile Components Car Parts ABS Wheel Speed Sensor for Toyota Highlander 2008-2013

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: NABO
- Certification: TS16949
- Model Number: 89516-0E080
- Packaging Details: poly bag or air bubble bag, any boxes with customers' label, Corrugated box , Standard tray
- Delivery Time: 3-35 days
- Payment Terms: D/P, L/C, T/T



### Product Specification

- Product Name: ABS Wheel Speed Sensor
- Warranty: 12 Months
- Size: Standard



### More Images



### Product Description:

Understanding the ABS Wheel Speed Sensor

The Anti-lock Braking System, commonly referred to as ABS, incorporates a critical element known as the wheel speed sensor. This sensor's job is to ascertain the rotational velocity of each wheel, supplying the ABS control module with necessary data.

Function of the ABS Wheel Speed Sensor

Detecting how fast each wheel is spinning is the primary role of the ABS wheel speed sensor. It accurately gauges the speed of the gear-like ring, also known as the tone wheel. This component may be found either on the hub of the wheel or on the axle shaft itself.

Continuous Wheel Speed Monitoring

The sensor undertakes the constant monitoring of each wheel's rotational speed. Its findings are relayed to the ABS control module as electronic signals. These signals are critical in identifying whether a wheel is close to locking up or if there's a considerable speed variation among the wheels.

ABS System Activation Process

In the event that the ABS control module identifies a potential lock-up or discrepancy in wheel speed, the ABS mechanism springs into action. It alternates between applying and releasing brake pressure at high speed. This quick response enables the wheels to preserve their grip on the road, thwarting any potential for uncontrolled skidding.

### Features:

Accurate Wheel Speed Detection

Our ABS wheel speed sensor is expertly designed to deliver precise and real-time detection of each wheel's rotational speed. The sensor makes use of cutting-edge sensing technologies, including magnetic and hall effect sensors, to accurately gauge the wheel speed and communicate this vital information to the ABS control module.

Enhanced Braking Performance

The continuous monitoring of wheel speed by our sensor enables the ABS to identify possible instances of wheel lock-up or speed irregularities. Such detection empowers the ABS to regulate brake pressure instantaneously. This function is crucial in averting wheel skidding and ensures that the vehicle maintains proper traction with the road. The result is a significant boost in braking performance and control, which is exceptionally beneficial in urgent situations or on slick pavements.

Reliable and Durable Construction

Crafted from premium materials and components, our ABS wheel speed sensor is synonymous with dependability and enduring operation. It's engineered to resist the tough conditions often present in the wheel well, like dirt, moisture, and extreme temperatures, all while maintaining its efficiency.

Rigorous Quality Control

To guarantee that our ABS wheel speed sensor adheres to the highest standards of dependability and functionality, it is subjected to comprehensive quality control procedures. This product meets, or in some cases surpasses, OEM (Original Equipment Manufacturer) specifications, offering you assurance in its performance and long-lasting nature.

Cost-Effective Solution

In providing our ABS wheel speed sensor, we ensure you get exceptional value for your investment. It is designed to offer steadfast performance at a cost-effective price, permitting you to preserve the safety and efficiency of your vehicle's braking system economically.

### Applications:

Essential Role of ABS Wheel Speed Sensors for Braking Safety

The safety and efficiency of a vehicle's braking system hinge on the critical function of ABS wheel speed sensors. These sensors take on the task of gauging the velocity of each wheel, providing the Anti-lock Braking System (ABS) with the data required to avert dangerous wheel skidding and lock-ups. Ensuring that your vehicle's brakes are performing at their best, these sensors play an integral role in maintaining adept stopping power under various driving circumstances.

Maintaining Peak ABS Performance

Meticulous maintenance and the prompt replacement of any defective sensors are vital to the dependable functioning of your vehicle's ABS. It is imperative that these sensors remain in flawless working order to assure the ABS system's responsiveness and accurate intervention during critical moments on the road.

Upgrade to Unparalleled Braking Precision

Introducing our superior ABS Wheel Speed Sensor, crafted to furnish your vehicle with precise wheel speed measurements. This leads to an uplift in braking performance and a significant boost in on-road safety. Trust in our premium sensor to consistently deliver accurate and steadfast readings, regardless of the driving conditions. Its robustness and reliability have been engineered to meet the highest standards, ensuring that your vehicle benefits from unmatched monitoring capabilities.

### FAQ:

#### 1. Who are we?

We are based in Guangzhou, China, start from 2018, we are specializing in all kinds of spare parts for Japanese cars and Korean cars, for example, engine parts, suspension parts, electric parts, steering parts, transmission parts, body parts. . .

#### 2. How can we guarantee quality?

Always a pre-production sample before mass production;

Always final inspection before shipment.

#### 3. Why should you buy from us from other suppliers?

We have experience in spare parts for more than 10+years

A large of stock

Professional export company  
Accept small order  
We can design anything well according to customers' requirement

## PRODUCT SPECIFICATIONS





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Guangzhou Jiabaolai Trading Co., Ltd.

+8613260773907

570987401@qq.com

automobile-sparepart.com

