



Guangzhou Jiabaolai Trading Co., Ltd.

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广州嘉宝来贸易有限公司

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## 89516-0E090 ABS Wheel Speed Sensor for Automobile Spare Parts 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: 89516-0E090
- 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
- Size: Standard
- Warranty: 12 Months



## Product Description

### Product Description:

The Role of the ABS Wheel Speed Sensor in Vehicle Safety

The **ABS (Anti-lock Braking System) wheel speed sensor** plays an indispensable role within a vehicle's braking system. Its primary task is to keep track of the rotational speed for each wheel. This information is critical, as it is relayed to the ABS control module, which oversees the proper function of the braking system.

Wheel Speed Measurement

At the heart of the sensor's purpose is its ability to ascertain the spin rate of each wheel. This is achieved through the sensor's monitoring of a toothed ring or tone wheel that is positioned on the wheel hub or axle shaft. By gauging the velocity of this ring, the sensor can accurately determine the speed at which the wheel is rotating.

Consistent Monitoring for Safety

The ABS wheel speed sensor works tirelessly, persistently keeping an eye on the rotational speed of the wheels. The data it collects is constantly sent to the ABS control module. This continuous flow of information allows the module to assess whether any wheel is on the verge of locking up or if there's a notable disparity in speed between the wheels.

Preventing Wheel Lock-up

In an instance where the ABS control module senses a potential for wheel lock-up or a difference in the wheel speeds, it promptly triggers the ABS system. This crucial intervention involves quickly applying and releasing the brakes in a controlled manner. Such action permits the wheel to retain its grip on the road surface, averting a dangerous skid and boosting the driver's ability to maintain control of the vehicle.

### Features:

ABS Wheel Speed Sensor Features

**Accurate Wheel Speed Detection:** Crafted with precision, our ABS wheel speed sensor stands at the pinnacle of innovation. It embodies real-time, finely-tuned recognition of each wheel's rotational velocity. The incorporation of cutting-edge sensing modalities, inclusive of magnetic and hall effect sensors, empowers it to monitor wheel speed with meticulous precision. The sensor ensures instant transmission of pivotal data to the ABS control unit.

**Enhanced Braking Performance:** The constant vigilance over wheel speed by our sensor equips the ABS with the insight to preempt the imminence of wheel lock-up or inconsistencies in velocity. This perspicacity allows for the nimble modulation of brake pressure by the ABS. It averts the peril of the wheels skidding and enforces a steadfast grip on the driving surface. The enhancement of braking efficacy and vehicular control is most notable during exigent or slick pavement conditions.

**Reliable and Durable Construction:** Our ABS wheel speed sensor is birthed from a blend of robust materials and components, assuring endurance and lasting operationality. It stands undeterred against the rigors met in the wheel well's environment, which includes the thrall of grime, dampness, and fluctuations in temperature, all the while maintaining its critical role.

**Rigorous Quality Control:** Undergoing an exacting regimen of quality assurance, our ABS wheel speed sensor's dependability and functional capacity are beyond reproach. It aligns with, or surpasses, the stringent specifications set forth by OEMs, offering reassurance in its enduring performance and resilience.

**Cost-Effective Solution:** The ABS wheel speed sensor is presented as an economical yet laudable alternative. It ensures a performance of the highest reliability while optimally priced. This sensor is an astute selection for safeguarding the seamless operation of your vehicle's braking apparatus, without imposing financial strain.

### Applications:

The Importance of ABS Wheel Speed Sensors

The **ABS wheel speed sensors** are integral to the *braking system of a vehicle*. These sensors are responsible for gauging the velocity of each wheel, which greatly informs the Anti-lock Braking System (ABS). With accurate wheel speed data, the ABS is well-equipped to prevent the dangerous occurrence of wheel lock-up, ensuring that the vehicle maintains proper braking performance. To avoid any compromises in the system's functionality, it's important to keep these sensors in good working order and replace them promptly when they exhibit any signs of failure.

Upgrade with Premium Quality Sensors

Revitalize your vehicle's braking capabilities with our **premium ABS Wheel Speed Sensor**. Our product assures *precise detection of wheel speed*, enabling the ABS to execute its job flawlessly. This not only enhances the braking performance but also boosts safety while driving. No matter the driving conditions, you can rely on the durability and exactitude of our ABS wheel speed sensors to deliver unwavering and accurate performance. Upgrade today and gain peace of mind with a trustworthy solution that ensures top-notch braking quality time after time.

Ensure your safety and performance on the road with an essential upgrade to your vehicle's brakes—choose our reliable ABS Wheel Speed Sensor.

### FAQ:

#### 1. Who are we?

We are based in Guangzhou, China, start from 2018, we are specilizing 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



# MORE PRODUCTS



# PRODUCTION LINE

Manufacturing  
Facility



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