



Guangzhou Jiabaolai Trading Co., Ltd.

automobile-sparepart.com

广州嘉宝来贸易有限公司

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39180-23500 Crankshaft Position Sensor for Automobile Spare Parts CPS Sensor for Hyundai Elantra Tucson

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: NABO
- Certification: TS16949
- Model Number: 39180-23500
- 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: Crankshaft Position Sensor
- Size: Standard
- Warranty: 12 Months



More Images



Product Description

Product Description:

Crankshaft Position Sensor (CKP Sensor) Explained

A **Crankshaft Position Sensor (CKP Sensor)** is an essential part of a vehicle's engine management system. This instrumental sensor plays a critical role in ensuring the proper operation of the engine by tracking two key parameters: the position of the crankshaft and its rotational velocity. The crankshaft itself is a fundamental rotating element that turns the linear motion of the pistons into rotational motion required to propel a vehicle.

The Role of the Crankshaft Position Sensor

The CKP sensor's main objective is to supply the **Engine Control Module (ECM)** with timely and precise data regarding the crankshaft's position and rotational speed. The continuous stream of data from the CKP sensor serves as a foundation for the ECM to make informed decisions about the engine's operational strategies. Such decisions include the timing of the spark for igniting the air-fuel mixture in the combustion chambers and the precise scheduling of fuel injection.

Accurate monitoring by the CKP sensor is essential for several **engine management functions**. By adjusting ignition timing and fuel delivery schedules, the ECM can ensure optimal engine performance, maintain fuel efficiency, and lower harmful emissions. The CKP sensor thereby directly influences the engine's ability to run smoothly and efficiently.

Features:

Accurate Position and Speed Detection

The Crankshaft Position Sensor we offer is engineered with cutting-edge sensing technology, which includes options such as magnetic and hall effect sensors. These advanced systems are designed to accurately ascertain both the position and the rotational velocity of the crankshaft. By effectively gauging the movement of a toothed wheel or reluctor ring situated on the crankshaft, our sensor supplies the engine control module (ECM) with precise and instantaneous data.

Improved Engine Performance

When it comes to enhancing your engine's capabilities, precise data concerning crankshaft position and speed are vital. Our Crankshaft Position Sensor plays a pivotal role by empowering the ECM to fine-tune engine timing with remarkable precision. This meticulous control over fuel injection and ignition timing, along with the harmony it brings to various engine components, translates into a noticeable augmentation in engine performance, efficiency in fuel consumption, and a decrease in emissions.

Reliable and Durable Construction

We construct our Crankshaft Position Sensor from robust materials and components, which results in a product that you can rely upon for longevity and consistent performance. It is meticulously crafted to resist severe engine operational conditions, including fluctuations in temperature, vibrations, and exposure to oil and a slew of other pollutants.

Rigorous Quality Control

Prior to customer distribution, our Crankshaft Position Sensor is subjected to rigorous quality control procedures to ensure its reliability and functionality. Every sensor is tested thoroughly to meet or even surpass Original Equipment Manufacturer (OEM) standards. This stringent quality assurance process provides you with the confidence and tranquility that stems from knowing that the component is not only dependable but also durable.

Cost-Effective Solution

Our Crankshaft Position Sensor stands out as an economical option that does not compromise on quality. It proffers steadfast performance at a market-competitive price, enabling vehicle owners to sustain the seamless operation and efficiency of their engines without incurring steep expenses.

Applications:

Enhance Your Engine Performance

Are you looking to boost your engine's operational capabilities? Look no further! Our superior **Crankshaft Position Sensor** is here to revolutionize your engine management system. By ensuring accurate readings of your engine's crankshaft position and its rotational velocity, this sensor is designed to elevate your vehicle's performance to its peak.

Accuracy and Efficiency

Our sensor guarantees precise monitoring, which is critical for your engine's performance and fuel economy. The advanced technology embedded within our **Crankshaft Position Sensor** provides exact detection that plays a vital role in enhancing your engine's efficiency and power output. Say goodbye to guesswork and welcome a new era of precision engineering.

Reliability Meets Durability

Dependability is key when it comes to engine components. That's why our **Crankshaft Position Sensor** stands out for its robustness and steadfast performance. Engineered to withstand the rigors of daily use, it provides unwavering accuracy over time, ensuring that your engine's timing remains meticulously controlled for consistent operation at all times.

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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