



Guangzhou Jiabaolai Trading Co., Ltd.

automobile-sparepart.com

广州嘉宝来贸易有限公司

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## NABO TS16949 Certified Cooling Fan Clutch For Toyota Model 16210-0E010

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: NABO
- Certification: TS16949
- Model Number: 16210-0E010
- 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: Cooling Fan Clutch
- Warranty: 12 Months
- Size: Standard
- Highlight: TS16949 Fan Clutch,  
TS16949 Cooling Fan Clutch,  
16210-0E010 Fan Clutch



### More Images



## Product Description

### Product Description:

#### Location and Connection

The **cooling fan clutch** is an integral component of the vehicle's cooling system. It is strategically positioned between the power-producing *engine* and the heat-dissipating *radiator*. This device plays a critical role by being directly linked to the *fan blades*, which are essential for maintaining the optimal operating temperature of the engine.

#### Composition and Functionality

At the heart of the cooling fan clutch is a *bi-metallic coil spring* that reacts to temperature changes. This spring is sensitive to heat variations and is a key element in controlling the engagement and disengagement of the fan. Accompanying the spring, there's also a *thermal sensor* that monitors the temperature to ensure the system reacts appropriately under varying thermal conditions.

The system's efficacy is further enhanced by the inclusion of a *viscous fluid coupling*. This coupling is a crucial component that allows the transfer of rotational force to the fan blades based on the temperature detected by the sensor and spring. The precise balance and interaction between these elements ensure that the engine's cooling is both effective and efficient.

### Features:

#### Fan Clutch Features

##### 1. Temperature Control

Our fan clutch is equipped with a highly accurate, precision-engineered thermal sensor. This sensor diligently monitors the temperature of the engine's coolant. The intelligent engagement and disengagement of the clutch, governed by this temperature-sensitive control, ensure efficient management of the cooling process. It operates only when needed, reducing power consumption without compromising the engine's thermal regulation.

##### 2. Enhanced Cooling Efficiency

We've constructed our fan clutch to be both robust and technologically advanced. It is specifically designed to maximize the volume of air channeled through the radiator. By facilitating a greater airflow, our fan clutch significantly enhances heat dispersal, thereby averting the risk of engine overheating and maintaining an ideal temperature for engine operation.

##### 3. Durable Construction

Our commitment to durability and longevity is evident in our use of premium materials and meticulous manufacturing processes. Engineered to resist the wear and tear of everyday use, as well as extreme weather and tough driving conditions, the fan clutch stands as a paragon of enduring performance, built to outlast the trials of time and travel.

##### 4. Smooth and Quiet Operation

Our fan clutch is designed for serenity and stability. It operates with minimal vibration and noise, contributing to a quieter engine bay and a more pleasant driving experience. With this focus on smooth operation, our fan clutch not only supports the vehicle's functionality but also enhances overall ride comfort.

##### 5. Engineered for Performance

The design of our fan clutch centers on amping up your vehicle's cooling system efficacy. By improving radiator efficiency, it ensures your engine runs in its prime condition. This proactive cooling approach serves to forestall overheating issues, protecting your engine from damage and preserving its peak performance.

### Applications:

In essence, the cooling fan clutch operates as an intermediary between the engine's varying temperature conditions and the cooling fan's speed. The device automatically adjusts the fan's rotation speed to correspond with the engine's current cooling demands. This dynamic regulation aids in maintaining the engine at its ideal operating temperature, preventing overheating during intense usage and reducing unnecessary power consumption when cooling needs diminish.

By performing this regulatory function, the fan clutch contributes significantly to the overall efficiency of the vehicle's cooling system. It helps to prolong the lifespan of the engine by ensuring it is neither under-cooled nor overworked due to thermal stress. Thus, the cooling fan clutch stands as a silent yet indispensable ally to the smooth performance and longevity of automotive engines.

Understanding the importance of the cooling fan clutch highlights the intricate balance within an engine's cooling ecosystem. Without such a mechanism in place, engines would be at the mercy of extreme temperatures, leading to increased wear and potential engine failure. It is a testament to the sophistication and precision engineered into modern automotive systems.

### 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' requirment

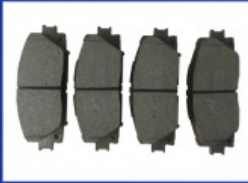
## PRODUCT SPECIFICATIONS



## MAIN PRODUCT



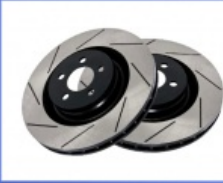
## BRAKE SYSTEM



Brake Pad



Brake Shoe



Brake Disc



Brake Repair Kit



Brake Booster



Brake Cable



Brake Master  
Cylinder



Brake Slave  
Cylinder

## TRANSMISSION SYSTEM



Drive Shaft



Propeller Shaft



Wheel Hub Bearing



Cv Joint



Clutch Set



Clutch Master  
Cylinder



Clutch Release  
Bearing



Universal Joint

## SUSPENSION SYSTEM



Shock Absorber



Shock Absorber  
Spring



Strut Mount



Tie Rod End



Bushing



Control Arm



Ball Joint



Rack End

## STEERING SYSTEM



Power Steering  
Rack



Power Steering  
Pump



Steering Knuckle



Steering Column  
Shaft



Steering Gear  
Boots



Oil Control Valve



Oil seal



Steering Hose



**Guangzhou Jiabaolai Trading Co., Ltd.**



+8613260773907



570987401@qq.com



automobile-sparepart.com

No.40, Qixinggang Road, Junhe Street, Baiyun District, Guangzhou, Guangdong, China