



Guangzhou Jiabaolai Trading Co., Ltd.  
automobile-sparepart.com

广州嘉宝来贸易有限公司  
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## 16210-46041 Cooling Fan Clutch Automobile Spare Parts For High Standards Toyota

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: NABO
- Certification: TS16949
- Model Number: 16210-46041
- 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
- Size: Standard
- Warranty: 12 Months
- Highlight: **High Standards Automobile Spare Parts,  
Automobile Spare Parts,  
Toyota Automobile Spare Parts**



### More Images



## Product Description

### Product Description:

The **cooling fan clutch** plays a pivotal role in an engine's cooling system. Its strategic placement adds to its effectiveness, as it can be found nestled between the engine block and the radiator. This positioning is essential for its operation, ensuring that it performs optimally to maintain the engine's temperature.

Integral to the fan clutch are its internal components which include a *temperature-sensitive bi-metallic coil spring*. This spring reacts to heat by expanding and contracting, which in turn, engages or disengages the clutch. Accompanying the spring is a *thermal sensor* that detects temperature changes, providing the necessary feedback for the mechanism to function correctly.

Another vital component within the fan clutch is the *viscous fluid coupling*. This coupling contains a specially formulated fluid that allows for the transfer of rotational energy to the fan blades. The fluid's viscosity is crucial as it dictates the speed at which the fan turns, thereby helping to regulate the engine's temperature through controlled airflow.

### Features:

#### Fan Clutch Features

##### 1. Precision Temperature Regulation

Our fan clutch is equipped with a state-of-the-art thermal sensor that meticulously gauges the temperature of the engine's coolant. This critical feature facilitates the clutch's engagement and disengagement based on precise temperature readings, leading to optimal cooling efficiency. The result is a balance between effective temperature management and reduced power consumption.

##### 2. Improved Cooling Efficiency

Engineered for superior performance, our fan clutch is crafted to enhance the passage of air through the radiator, thanks to its sturdy build and cutting-edge technology. The improved airflow aids in the swift dissipation of heat, safeguarding your engine from the risks of overheating while maintaining ideal operating conditions.

##### 3. Robust Build Quality

At the heart of our fan clutch lies the utilization of top-tier materials coupled with meticulous manufacturing processes to ensure its lasting resilience. Constructed to tackle the rigors of everyday use, extreme temperature fluctuations, and tough environments, it offers steadfast performance that you can rely on for the long haul.

##### 4. Quiet and Smooth Functionality

With an emphasis on unparalleled operating silence and stability, our fan clutch promises an operation free from excessive vibration and noise. The result is a quieter, more pleasant driving experience that does not compromise on performance, but rather enhances overall vehicle comfort.

##### 5. Tailored for Peak Performance

Purposefully designed to elevate your vehicle's cooling system efficiency, our fan clutch plays a pivotal role in maintaining the radiator's effectiveness. It empowers your engine to run at its peak capabilities, staving off the negative impacts of potential overheating, thereby safeguarding your engine's integrity.

### Applications:

#### Cooling Fan Clutch in Automotive Engines

A **cooling fan clutch** represents an essential mechanical component integrated within *automotive engines*, whose primary role is to manage the functionality of the cooling fan. The clutch aims to modulate the fan's velocity and activity, adapting responsively to the thermal demands of the engine.

Such regulation is crucial as it ensures the engine operates within an optimal temperature range, safeguarding against the risk of overheating. Moreover, the fan clutch contributes to energy efficiency by varying fan speed according to necessity rather than maintaining a constant pace, thereby avoiding unnecessary power consumption.

### 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

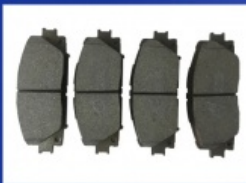
## PRODUCT SPECIFICATIONS





## 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



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