



Guangzhou Jiabaolai Trading Co., Ltd.

automobile-sparepart.com

广州嘉宝来贸易有限公司

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16210-31020 Cooling Fan Clutch For Automobile Spare Parts TOYOTA

Basic Information

- Place of Origin: CHINA
- Brand Name: NABO
- Certification: TS16949
- Model Number: 16210-31020
- 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: **TOYOTA Automobile Spare Parts,**
Automobile Spare Parts Fan Clutch,
Automobile Spare Parts



More Images



Our Product Introduction

For more products please visit us on automobile-sparepart.com

Product Description

Product Description:

Fan Clutch Location and Connection

The **cooling fan clutch** is an integral component of a vehicle's cooling system, primarily situated in the space separating the *engine* from the *radiator*. It serves as the connective element to the *fan blades*.

Component Composition

This clutch is composed of a few key parts: a *bi-metallic coil spring* that reacts to temperature changes, a *thermal sensor* that gauges heat levels, and a *fluid coupling* filled with a viscous liquid. These components work together to regulate the operation of the fan based on the temperature of the engine.

Functionality and Importance

In essence, the coil spring within the fan clutch expands or contracts in response to the engine's temperature. As engine heat rises, the spring expands, which in turn engages the thermal sensor. Once activated, the sensor modulates the amount of viscous liquid within the fluid coupling. This process effectively adjusts the fan's speed to increase or decrease airflow through the radiator. As a result, the **cooling fan clutch** plays a crucial role in maintaining the engine at an optimal operating temperature, thereby ensuring the vehicle runs efficiently and reliably.

Features:

Temperature Control

Precision Thermal Sensing: Our fan clutch is equipped with a high-accuracy thermal sensor, meticulously engineered to monitor the engine's coolant temperature with great precision. This innovative design allows the clutch mechanism to engage and disengage at exactly the right moments, striking the perfect balance between maintaining efficient cooling and reducing unnecessary energy use.

Cooling Efficiency

Optimized Airflow: The robust construction and cutting-edge technology of our fan clutch are key to its superior performance. It enhances the cooling process by increasing airflow across the radiator, the centrepiece of a vehicle's cooling system. This improved air circulation effectively carries heat away from the engine, averting overheating issues and sustaining an ideal engine temperature for a smooth-running vehicle.

Durability

Tough Build for Longevity: Committed to excellence, we select only the finest materials and adhere to stringent manufacturing processes. Our fan clutch is crafted to endure the rigors of everyday use, including extreme temperature fluctuations and challenging driving conditions. The result is a reliable, long-lasting component you can count on for consistent performance over time.

Operation Quality

Quiet and Vibration-Free: Experience a notably serene and tranquil ride with our fan clutch's seamless and whisper-quiet operation. Designed to minimize disturbances such as vibration and noise, this clutch plays a pivotal role in enhancing the overall comfort and enjoyment of your driving experience.

Performance Engineering

Cooling System Optimization: Every aspect of our fan clutch has been meticulously developed to boost your vehicle's cooling system efficiency. The fan clutch assists in keeping the radiator performing at peak levels, thereby enabling the engine to run under ideal conditions. This not only elevates engine performance but also shields it from the damages often associated with overheating.

Applications:

Cooling Fan Clutch in Automotive Engines

The cooling fan clutch is an integral component within the engine management system of a vehicle. This mechanical device plays a crucial role in maintaining optimal engine temperature and is specifically engineered for the automotive sector.

Purpose of the Cooling Fan Clutch

At the heart of its function, the cooling fan clutch is designed to regulate the cooling fan's speed. It ensures that the fan's operation matches the engine's specific cooling requirements at any given time. By managing the fan's responsiveness to temperature changes, the clutch helps prevent engine overheating, thereby enhancing its overall performance.

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

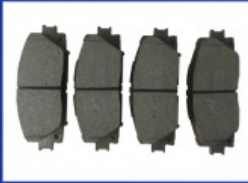
We can design anything well according to customers' requirment

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

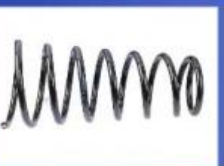


Universal Joint

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



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