



The GPF catalyst of Geely Binyue's honeycomb ceramic structure can purify the exhaust gas.

Our Product Introduction

Basic Information

- Place of Origin: China zhajiang
- Brand Name: GEELY
- Model Number: 2061030100
- Minimum Order Quantity: 5
- Price: RMB+1815+PC
- Packaging Details: carton packaging,
- Delivery Time: 20-30Work days
- Payment Terms: MoneyGram
- Supply Ability: 50000+PC+30day



Product Specification

- Product Name: The GPF Catalyst
- Color: Silver
- Type: Car Inerior
- Application: Car Inside,Auto Car
- Package: Standard/Protective
- Function: Purify The Exhaust Gas.
- Car Model: Geely Binyue
- Size: Standard
- Highlight: Honeycomb Ceramic Structure GPF catalyst,
Geely Binyue GPF catalyst,
Exhaust Gas GPF catalyst



for more products please visit us on auto-partsspare.com

Product Description

The GPF catalyst of Geely Binyue's honeycomb ceramic structure can purify the exhaust gas

Description:

Geely Binyue's GPF uses advanced technology and high-quality materials. Its shape is generally a cylinder, mainly with wall-flow honeycomb ceramics as the carrier. There are many parallel axial honeycomb holes in the carrier. One of the two adjacent holes is only open by the entrance and the other is only open from the exit.

The exhaust flows in from the open inlet hole and discharges through the porous wall of the GPF carrier to the adjacent hole. In this process, GPF uses its unique structure to effectively capture the tiny particles in the exhaust, such as small particles of carbon or carbide (size less than 4-20 μ m), in the wall of the carrier and the wall through interception, collision, diffusion, gravity settlement, etc., so as to discharge the particles. Capturing the substance before entering the atmosphere greatly reduces the particulate matter content in the exhaust gas and helps to reduce environmental pollution.

In order to ensure the continuous and effective work of GPF, the vehicle's control unit (ECU) will control its regeneration. When the particulate matter inside the GPF accumulates to a certain extent, it will cause the back pressure of the exhaust system to rise. At this time, under certain conditions, for example, when the vehicle is driving at high speed, the exhaust temperature exceeds 700 and the oxygen concentration is greater than 0.5%, or the exhaust gas temperature is increased by the ignition angle through ECU control, and then the dilute air combustion ratio (excess oxygen) will be chemically exothermated. The reaction converts the combustion of particulate matter into carbon dioxide emissions, thus restoring the filtration and breathability of GPF.

At present, the filter materials of GPF mainly include cordierite, SiC (silicon carbide), AT (aluminum titanate), alloy, etc. Among them, cordierite is widely studied and used because of its low cost, low thermal expansion coefficient, high temperature resistance and high mechanical strength.

Geely Binyue's GPF has been carefully designed and matched, and works with the vehicle's engine and exhaust system, achieving the goal of reducing particulate emissions without significantly affecting engine performance. Its application helps to make Geely Binyue meet the increasingly stringent environmental protection requirements and contribute to the protection of the environment.

Applications:

The main function of Geely Binyue GPF catalyst is to reduce the content of particulate matter in the exhaust gas, so as to protect the environment.

GPF is the abbreviation of Gasoline Particulate Filter, a ceramic filter installed in the exhaust system of a gasoline engine. Its working principle is to reduce the emission of particulate matter by intercepting, collision, diffusion, gravity settlement, etc. by trapping the particulate matter in the carrier and on the wall.

When particulate matter accumulates to a certain extent, the vehicle's control unit (ECU) will control the automatic ignition and combustion of the burner, burning the smoke particles adsorbed on GPF and convert them into carbon dioxide emissions, thus optimizing their own performance. This process is called regeneration.

Specifications:

Product name	The GPF catalyst
Color	Silver
Type	Car Interior
Application	Car Inside,Auto Car
Function	purify the exhaust gas.
Package	Standard/Protective
Car model	Geely Binyue
Size	Standard

Feature Advantage:

- Reduce particulate emissions: It can capture most of the soot produced by the engine, effectively reduce the emission of small particles in the exhaust gas, and make vehicle emissions meet national or local standards, thus reducing environmental pollution.
- Advanced filtration technology: Its main constituent materials are usually a honeycomb-like ceramic structure. The exhaust gas is forced to circulate from the wall of the hole, and the particulate matter is captured on the wall of the carrier through interception, collision, diffusion, gravity settlement, etc.
- Regeneration function: The control unit (ECU) of the vehicle can control its regeneration. When the particulate matter inside GPF accumulates to a certain extent, the combustion of the deposited particles can be converted into carbon dioxide emissions under specific conditions (such as the exhaust temperature rises and the oxygen concentration is appropriate when the vehicle is driving at high speed, or the exhaust gas temperature is increased through ECU control and then the dilute air-fuel ratio is reduced), so as to restore The filtration and breathability of compound GPF.
- High-quality materials: Generally, cordierite and other materials are used as carriers, which have the advantages of small thermal expansion coefficient, high temperature resistance and high mechanical strength.



Contact information:

Tel: +86 010-52239790

Mobile +86 13810191349

WhatsApp:+86 13810191349

Operating China Geely Automobile, China FAW, full series of original factory spare parts



Xingda Hongyun (Beijing) International Trade Co., Ltd.



13810191349



bjxdhysmyxgs@163.com



auto-partsspare.com

69 South Fourth Ring Road East, Chaoyang District, Beijing