



Engine Cast Iron Bracket High Strength Customized Auto Parts

Our Product Introduction

for more products please visit us on dongfengtorsionaldamper.com

Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 901267-KRCJ0
- Minimum Order Quantity: 100 piece
- Packaging Details: Wooden box packaging
- Delivery Time: Spot goods
- Payment Terms: T/T
- Supply Ability: Annual production of 500000 pieces



Product Specification

- Weather Resistance: Yes
- Melting Point: High
- Efficiency: Effective
- Type: Silicone Oil Shock Absorber
- Tensile Strength: High
- Durability: Long-lasting
- Compatibility: Fits Most Engines
- Finish: Rust Resistant
- Compressive Strength: High
- Installation: Bolt-On
- Included Components: Bracket, Bolts
- Installation Method: Bolt-on
- Color: Black
- Highlight: **high strength Engine Cast Iron Bracket, Customized Engine Cast Iron Bracket**



More Images



Product Description

Engine cast iron bracket: solid support for engine power

In the modern automobile industry, cast iron engine brackets are an important part of the automobile chassis structure and bear the important tasks of supporting the engine weight and damping shocks. Its strong and reliable characteristics not only ensure the stability and safety of the engine, but are also an indispensable key component in automotive engineering. The cast iron engine bracket is located at the bottom of the vehicle and is the platform and fixture for engine installation. It not only needs to bear the weight of the engine itself, but also needs to absorb and reduce the vibration and impact generated when the engine is running to ensure the stable operation of the engine. Therefore, engine cast iron brackets have strict requirements in design and manufacturing.

First, the cast iron engine mount needs to have high strength and rigidity. Since the engine is the power source of the car, its weight is relatively large and it produces large vibration forces when working. Therefore, the bracket supporting the engine must be able to withstand these forces without deformation or damage. For this reason, high-quality cast iron materials, such as ductile iron or gray cast iron, are usually used, which have good mechanical properties and wear resistance to ensure the stability of the bracket under high intensity and high frequency vibration.

Secondly, the cast iron engine bracket needs to consider the connection and installation of the engine and the body. The design of the bracket must fully take into account the installation position, interface size and fixation method of the engine to ensure tight matching and connection with the various components of the engine to avoid loosening or vibration during driving, thereby affecting the performance and safety of the vehicle.

In addition, the manufacturing process of the engine's cast iron bracket is also crucial. The modern automobile industry uses advanced casting technology and equipment, such as automated casting production lines and CNC casting machine tools, to ensure the molding accuracy and surface quality of the bracket. Through precise mold design and strict process control, the dimensional accuracy and surface finish of the bracket can be ensured, and its wear resistance and service life can be improved.

To sum up, as an important part of the automobile chassis structure, the engine cast iron bracket bears the key tasks of support and shock absorption. Its high strength, high rigidity and precision manufacturing ensure the stability and safety of the engine under various working conditions. With the continuous development and progress of the automobile industry, it is believed that engine cast iron brackets will play an increasingly important role in future automobile design and manufacturing.



Dongfeng (Shiyan) Torsional Damper Company Limited



gjh.8266@163.com



dongfengtorsionaldamper.com

10th Floor, Building B, Donghe Center, Dongfeng 3rd Road, Wuhan Economic and Technological Development Zone, China