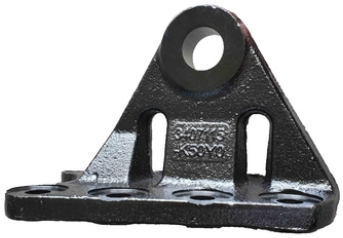
Engine Cast Iron Bracket Water Pump Bracket Fuel Injection

Our Product Introduction

Basic Information

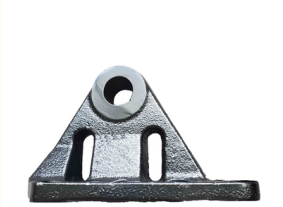
- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 3407115-K50Y0
- Minimum Order Quantity: 100 piece
- Packaging Details: Wooden box packaging
- Delivery Time: Spot goods
- Payment Terms: T/T
- Supply Ability: Annual production of 500000 pieces



Product Specification

- Density: High
- Weather Resistance: Yes
- Cost: Affordable
- Melting Point: High
- Vibration Resistance: Yes
- Type: Silicone Oil Shock Absorber
- Mounting Type: Universal
- Installation Method: Bolt-on
- Warranty: 5 Year
- Strength: Strong
- Efficiency: Effective
- Function: Vibration Damping
- Usage: Automotive Engines
- Weight: 5 Lbs
- Highlight: **Water Pump Engine Cast Iron Bracket**,

More Images



Our Product Introduction

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Product Description

Engine cast iron bracket: a solid foundation for a stable engine
In the automobile industry, the engine is considered the heart of the car, and its performance directly affects the vehicle's power output and driving stability. In the process of supporting this important power source, the engine cast iron bracket plays a crucial role. This article will introduce the function, characteristics and manufacturing process of engine cast iron brackets.
The engine cast iron bracket is located at the core of the automobile chassis structure. It is not only a platform for engine installation, but also one of the main components that bear the weight and operating vibration of the engine. It acts like the cornerstone of a house, providing solid support and a solid foundation for the entire vehicle. The design of the engine's cast-iron bracket takes into account the engine's center of gravity, vibration characteristics and connection to the body, aiming to ensure that the engine remains stable under various driving conditions and provides reliable power output.
The engine cast iron bracket has the following notable features:
First, high strength and rigidity. Due to the heavy weight of the engine, the vibration and inertia forces generated during operation place extremely high demands on the bracket. Therefore, the bracket is made of high-strength cast iron materials, such as ductile iron or gray cast iron, to ensure that the bracket is not easily deformed or broken under heavy load and high-frequency vibration.
Secondly, excellent shock absorption performance. The engine will produce large vibration forces when it is working. In order to reduce the impact of these vibrations on the vehicle, the engine cast iron bracket is usually designed as a structure with a shock-absorbing function, which can absorb and eliminate engine vibration and ensure the smoothness and comfort of the vehicle.
Again, precise manufacturing process. The manufacture of cast iron engine brackets requires the use of advanced casting technology and equipment, such as CNC casting machine tools and intelligent production lines, to ensure the molding accuracy and surface quality of the brackets. Through precise mold design and strict process control, the dimensional accuracy and surface finish of the bracket can be guaranteed, and its wear resistance and service life can be improved.
To sum up, as an important part of the automobile chassis structure, the cast iron engine bracket bears the important task of supporting the engine and ensuring the driving stability of the vehicle. Its high strength, excellent shock absorption performance and precise manufacturing process ensure the stable operation of the engine under various working conditions and provide drivers with reliable power support. With the continuous development and technological advancement of the automobile industry, cast iron engine brackets will continue to play an important role, injecting new impetus into the development of the automobile industry.

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