



## Engine Cast Iron Bracket Air Conditioning Compressor Bracket Noise Reduction

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 2904263-TL110
- 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

- Stability: Strong And Sturdy
- Cost: Affordable
- Machinability: Easy
- Durability: Long-lasting
- Efficiency: Effective
- Weather Resistance: Yes
- Tensile Strength: High
- Color: Black
- Surface Finish: Smooth
- Compressive Strength: High
- Operating Temperature: -40°C To 120°C
- Included Components: Bracket, Bolts
- Material: Cast Iron
- Compatibility: Fits Most Standard Engines
- Highlight: **Noise reduction Engine Bracket.**



### More Images



## Product Description

Engine cast iron bracket: sturdy support, guardian of the source of power

In the heart of a car, the engine drives the entire vehicle with its powerful power. However, in order for this heart to work stably and efficiently, it cannot do without a solid support - an engine cast iron bracket. Today, let's delve deeper into the engine cast iron bracket, an important component that silently guards the source of power.

### 1, The role of engine cast iron brackets

Engine cast iron bracket, as the name suggests, is a component installed under the car engine to support and secure the engine. Its main functions include:

**Supporting the engine:** The cast iron bracket of the engine bears the weight of the engine, ensuring that the engine can be stably installed on the frame and avoiding damage due to vibration and bumps.

**Isolation of vibration:** The engine generates vibration and noise during operation. The cast iron bracket of the engine can effectively isolate these vibrations and noise through its special structure and material characteristics, improving ride comfort.

**Connecting the frame:** The engine cast iron bracket is tightly connected to the frame through bolts and other connectors, forming a stable whole, ensuring that the vehicle can operate smoothly in various road conditions.

### 2, Material characteristics of engine cast iron brackets

Engine cast iron brackets are usually made of high-strength cast iron materials, which have the following characteristics:

**High strength:** Cast iron materials have high strength and hardness, which can withstand the weight of the engine and various forces generated during operation, ensuring the stability and durability of the engine bracket.

**Good corrosion resistance:** Cast iron materials have good corrosion resistance and can maintain stable performance in various harsh environments, extending the service life of engine mounts.

**Excellent casting performance:** Cast iron materials have excellent casting performance, which can manufacture engine mounts with complex structures and precise dimensions, meeting the needs of various vehicle models.

### 3, Manufacturing process of engine cast iron bracket

The manufacturing process of engine cast iron brackets is a complex and delicate process, including multiple links such as melting, pouring, cooling, cleaning, and heat treatment. In this process, it is necessary to strictly control the composition of raw materials, melting temperature, pouring speed and other parameters to ensure the quality and performance of castings. At the same time, strict inspection and testing of castings are also necessary to ensure that they meet relevant standards and requirements.

### 4, The importance of engine cast iron brackets

As an important component of automotive engines, the stability and reliability of cast iron engine brackets are directly related to the performance and safety of vehicles. A high-quality cast iron engine bracket not only ensures stable engine operation, but also reduces vibration and noise, improving ride comfort. At the same time, it can effectively protect the engine from damage and extend its service life. Therefore, when selecting and replacing engine cast iron brackets, we should choose legitimate brands and high-quality products to ensure the performance and safety of the vehicle.

In summary, as an important supporting component of automotive engines, the cast iron engine bracket plays an important role and has unique material characteristics. It not only ensures the stable operation of the engine, but also improves ride comfort and extends the service life of the engine. In the future development, with the continuous progress of automotive technology and the improvement of environmental protection requirements, the manufacturing technology and performance of engine cast iron brackets will also be continuously improved and perfected.



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