



## Engine Cast Iron Bracket Frame Assembly Casting Manufacturer

### Our Product Introduction

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#### Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 3405060-H12B1
- 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

- Certifications: IATF 16949:2016
- Usage: Used In Engine Manufacturing
- Mounting Location: Engine Block
- Weight: 6kg
- Tensile Strength: High
- Included Components: Bracket, Bolts
- Installation: Bolt-On
- Corrosion Resistance: Yes
- Warranty: 3 Year
- Surface Treatment: Painted
- Type: Bracket
- Efficiency: Effective
- Function: Vibration Damping
- Installation Method: Bolt-on
- Highlight: **Engine Cast iron Bracket.**



#### More Images



## Product Description

Engine cast iron bracket: a key component for stability and durability

In the heart of a car - the engine, close coordination and stable operation of various components are crucial. Among them, the engine cast iron bracket serves as a bridge between the engine and the body, not only bearing the weight of the engine, but also ensuring that the engine can operate smoothly under various working conditions. Today, we will delve into the structure, function, and importance of engine cast iron brackets.

Firstly, the material selection of the engine cast iron bracket - cast iron - is the key to its stability and durability. Cast iron materials have high strength, high toughness, as well as good wear and corrosion resistance, which enables them to maintain the stability of their structure and performance in extreme working environments. At the same time, the casting performance of cast iron materials is excellent, which can produce brackets with complex shapes and precise dimensions, meeting the needs of different vehicle models and engine layouts.

In terms of structure, engine cast iron brackets usually adopt an integrated design, integrating multiple support points onto one bracket, simplifying the installation process, and improving the overall integrity and stability of the structure. Shock absorption components such as rubber pads or shock absorption springs will also be installed on the bracket to reduce the impact of engine vibration on the vehicle body and improve ride comfort.

In terms of functionality, the engine cast iron bracket mainly plays a supporting and fixing role. It firmly fixes the engine on the vehicle body to prevent displacement or shaking during driving. At the same time, the bracket also bears various forces and moments generated by the engine, such as vibration, impact, and torque, ensuring that the engine can run smoothly and efficiently.

In addition to the basic functions mentioned above, the engine cast iron bracket also has certain safety protection functions. In the event of a collision or emergency braking of a vehicle, the bracket can effectively support the engine, prevent displacement or falling, and thus protect the safety of passengers and the vehicle.

In practical applications, the performance and reliability of engine cast iron brackets have been widely recognized. Whether it is a family sedan, commercial vehicle, or high-performance racing car, cast iron brackets have become indispensable key components due to their excellent performance and stability. Especially in some extreme working conditions, such as high temperature, high humidity, high altitude, etc., cast iron brackets demonstrate their excellent durability and adaptability.

In summary, as an important component of automotive engines, the stability and durability of cast iron engine brackets are crucial for ensuring the normal operation of the engine and the safety of the vehicle. With the continuous development of automotive technology, we believe that the performance and function of engine cast iron brackets will be further improved and optimized, injecting new impetus into the development of the automotive manufacturing industry.



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