



Chassis Cast Iron Parts Cushion Block Engine Assembly Manufacturer

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 2935471-H04A0
- 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

- Precision: High
- Surface Treatment: Painting
- Production Process: Casting
- Dimensions: 30 Cm X 30 Cm X 20 Cm
- Installation Method: Bolt-on
- Heat Resistance: 500
- Manufacturing Process: Casting
- Dimensional Accuracy: High
- Surface Finish: Rough
- Compression Strength: High
- Cost: Moderate
- Shape: Rectangular
- Weight: 10 Kg
- Durability: Long-lasting
- Corrosion Resistance: High



Product Description

Automobile chassis castings: a solid foundation for stable driving

The cast iron parts of automobile chassis are a vital component of the automobile structure. They provide solid support and connection for the entire vehicle and are the key to ensuring stable driving of the vehicle. This article will discuss the role, characteristics and importance of automotive chassis castings in automotive engineering.

Function and characteristics

Automobile chassis cast iron parts include engine bases, suspension brackets, frames, cross beams and other components. Each component assumes a specific function:

Engine base: As the support platform of the engine, the engine base carries the weight of the engine and reduces the impact of engine vibration on the vehicle through shock-absorbing design.

Suspension bracket: Connects the wheels and the body, responsible for absorbing and reducing the impact and vibration from the road, ensuring that the vehicle's suspension system can work effectively.

Frame: As the main supporting structure of the vehicle, the frame not only needs to bear the weight of the vehicle body, but also needs to cope with external impacts to ensure the stability and safety of the vehicle.

Cross beam: An important part that connects various components of the car body. The cross beam provides the overall support and connection of the car body, enhancing the stability and rigidity of the car body.

These chassis cast iron parts are usually made of high-quality cast iron materials, which have high strength, high hardness, high wear resistance and excellent impact resistance, and can maintain stable performance under various harsh road conditions.

Importance in Automotive Engineering

Automobile chassis castings play an important role in automobile engineering:

Ensure driving safety: Chassis cast iron parts bear the weight and power of the vehicle, directly affecting the stability and driving safety of the vehicle. High-quality chassis castings can effectively reduce vehicle vibration and shaking, improve driving stability and control, and reduce driving risks.

Improve ride comfort: By reducing road vibration and noise, high-quality chassis castings can improve ride comfort and create a quiet and comfortable ride environment for passengers.

Extend the service life of the vehicle: High-quality chassis cast iron parts have high wear resistance and corrosion resistance, which can effectively reduce the wear and corrosion of vehicle components, extend the service life of the vehicle, and reduce maintenance costs.

Conclusion

In summary, automobile chassis cast iron parts, as an important part of automobile engineering, bear the key tasks of support, connection and protection. They not only directly affect the performance, safety and comfort of the vehicle, but also have an important impact on the vehicle's service life and maintenance costs. Therefore, in the process of automobile design and manufacturing, the material selection and manufacturing process of chassis castings need to be very careful to ensure that the vehicle has stable performance and a good driving experience.



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