



Chassis Cast Iron Parts Fixed Block Reinforcement Suspension System

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 29-01003
- 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

- Compressive Strength: High
- Density: High
- Corrosion Resistance: Yes
- Compatibility: Universal
- Type: Silicone Oil Shock Absorber
- Certifications: IATF 16949:2016
- Installation: Bolt-on
- Tensile Strength: High
- Application: Engine Mounting
- Surface Treatment: Painting
- Load Bearing Capacity: Heavy Duty
- Durability: High
- Strength: Strong
- Usage: Automotive Engines
- Heat Resistance: Yes



Product Description

Automobile chassis cast iron parts: strong and reliable support

With the development of the automobile industry, chassis castings, as an important part of the automobile structure, play a key role in load-bearing and support. Its strong and reliable characteristics not only ensure the stability and safety of the vehicle, but are also an indispensable part of automotive engineering.

Chassis cast iron parts refer to parts made of cast iron materials in the automobile chassis system, mainly including engine bases, suspension brackets, cross beams, frames, etc. They are usually produced by casting technology and have excellent properties such as high strength, high hardness, high wear resistance, and impact resistance. They can withstand various forces and pressures during vehicle driving, ensuring the stability and safety of the vehicle.

First of all, chassis cast iron plays an important role in load-bearing and support in the automobile structure. As the support platform of the engine, the engine base not only needs to bear the weight and vibration of the engine, but also resists the impact and vibration from the road to ensure stable engine operation. The suspension bracket is responsible for connecting the wheels and the body, bearing the steering, braking and other forces during the driving of the vehicle, and transmits the imbalance of the ground to the body through the suspension system to ensure ride comfort and driving stability. The frame and cross beams serve as the main support structure of the vehicle body, bearing the weight of the entire vehicle and external impacts, ensuring the stability of the vehicle body and the safety of the vehicle.

Secondly, chassis cast iron parts have excellent material properties, ensuring the reliability and durability of the vehicle. Cast iron materials are suitable for manufacturing various complex shapes and structures due to their good plasticity and formability, and can meet the requirements of automotive engineering for high strength and high hardness. In addition, the surface of cast iron parts is usually specially treated, such as sandblasting, galvanizing, etc., to improve its corrosion resistance and wear resistance and extend its service life. These excellent material properties enable chassis cast iron parts to maintain stable performance under harsh road conditions, ensuring vehicle safety and reliability.

Finally, the manufacturing process and quality control of chassis castings directly affect its performance and reliability. The modern automobile industry has increasingly higher requirements for the manufacturing of chassis cast iron parts, requiring parts with high precision, high quality, and high consistency. Therefore, manufacturers need to use advanced casting technology and equipment, such as CNC casting machine tools, intelligent production lines, etc., to ensure the forming accuracy and surface quality of cast iron parts. At the same time, a strict quality control system is also an important means to ensure the quality of chassis cast iron parts. Through raw material testing, process monitoring, finished product inspection and other links, we ensure that every cast iron part meets the design requirements and standards and meets the usage requirements.

In summary, automobile chassis cast iron parts, as an important part of the automobile structure, play an important role in load-bearing and support. Its strong and reliable characteristics not only ensure the stability and safety of the vehicle, but are also an indispensable component in automotive engineering. With the continuous development and progress of the automobile industry, it is believed that chassis cast iron parts will play an increasingly important role in future automobile design and manufacturing.



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