



## Chassis Cast Iron Parts Manufacturer Automotive Components Cushion Block

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Model Number: 29B40-021154B
- 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

- Dimensional Accuracy: High
- Compression Strength: High
- Material: Cast Iron
- Weldability: Poor
- Weight: 10kg
- Impact Resistance: Yes
- Durability: High
- Surface Treatment: Painting
- Compatibility: Universal
- Precision: High
- Production Process: Sand Casting
- Machinability: Good
- Corrosion Resistance: Yes
- Dimensions: 30cm X 20cm X 20cm
- Highlight: **Automotive components Chassis Cast iron**



### More Images



## Product Description

Automobile chassis castings: the cornerstone of vehicle stability and driving safety

Automobile chassis castings are an important part of the automobile chassis system and bear the important task of supporting, connecting and protecting the vehicle. Their design and manufacturing directly affect the stability, driving safety and ride comfort 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 plays an important role:

Engine base: As the support platform of the engine, the engine base not only bears the weight of the engine, but also needs to reduce the vibration and impact generated when the engine is running to ensure the stability and safety of the engine.

Suspension bracket: connects the wheels and the body, and is responsible for the transmission and absorption of steering, braking and other forces to ensure the smoothness and controllability of the vehicle.

Frame: It is the main supporting structure of the entire vehicle. It not only needs to bear the weight of the vehicle body, but also needs to deal with various impacts brought by the external environment 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 rigidity and stability of the car body.

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

Importance in Automotive Engineering

Automotive chassis castings play a vital role in automotive engineering:

Ensure vehicle stability: High-quality chassis castings can effectively reduce vibration and shaking when the vehicle is driving, improve the stability and controllability of the vehicle, and provide drivers with a safer and more reliable driving experience.

Ensure driving safety: The stability of chassis castings is directly related to the driving safety of the vehicle. Through reasonable design and precision manufacturing, the risk of vehicle loss of control during driving can be effectively reduced and the incidence of traffic accidents can be reduced.

Improve ride comfort: Good chassis castings can reduce road vibration and noise, improve ride comfort, and create a comfortable and quiet ride environment for passengers.

Conclusion

As an important part of automobile engineering, automobile chassis castings have an important impact on the performance, safety and comfort of the vehicle. In the process of automobile design and manufacturing, great attention must be paid to the material selection and manufacturing process of chassis cast iron parts to ensure that the vehicle has stable performance and excellent driving quality. With the continuous development and technological advancement of the automobile industry, it is believed that chassis cast iron parts will continue to play an important role and inject new impetus into the development of the automobile industry.



**Dongfeng (Shiyan) Torsional Damper Company Limited**



[gjh.8266@163.com](mailto:gjh.8266@163.com)



[dongfengtorsionaldamper.com](http://dongfengtorsionaldamper.com)

10th Floor, Building B, Donghe Center, Dongfeng 3rd Road, Wuhan Economic and Technological Development Zone, China