



Dongfeng Engine Cast iron Bracket Corrosion Resistance custom made

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Dongfeng
- Certification: IATF 16949:2016
- Minimum Order Quantity: 100 piece
- Packaging Details: Wooden box packaging
- Delivery Time: Spot goods
- Payment Terms: T/T
- Supply Ability: Annual production of 50000 pieces



Product Specification

- Size: 20*20*20 Cm
- Dimensions: 10 X 8 X 6 Inches
- Included Components: Bracket, Bolts
- Weather Resistance: Yes
- Compatibility: Fits Most Engine Models
- Surface Finish: Smooth
- Corrosion Resistance: Yes
- Durability: High
- Tensile Strength: High
- Cost: Affordable
- Color: Black
- Strength: Strong
- Usage: Automotive Engines
- Mounting Location: Engine Block
- Finish: Rust Resistant



Product Description

Engine system cast components play essential roles in the automotive industry, with a variety of types and functions. These components include cylinder blocks, crankcases, valve covers, and other critical parts. They are not only the foundation components of an engine but also indispensable for ensuring its efficient operation.

Let's start with the cylinder block of an engine. The cylinder block is one of the main structural components responsible for housing the cylinders and pistons while enduring significant thermal and mechanical stresses. To meet these demands, cylinder blocks are typically made of aluminum alloys or cast iron, boasting excellent heat resistance and strength. Through precise casting and heat treatment processes, cylinder blocks can ensure air tightness and structural stability, thus ensuring the engine's normal operation.

Next, the crankcase is also a vital component of the engine system cast. Positioned at the bottom of the engine, the crankcase accommodates the crankshaft, connecting rods, and lubrication system. Crankcases are often cast from aluminum alloys to ensure lightweight and strength. Furthermore, crankcase design considerations include reducing vibrations and noise, thereby enhancing driving comfort.

Lastly, the valve cover is another critical component in the engine system. It seals the valves and cylinder head, ensuring the proper operation of the valve mechanism. Valve covers are typically made of cast iron or aluminum alloys, boasting excellent sealing and corrosion resistance. Through precision machining processes and surface treatments, valve covers can ensure the engine's normal operation and extend its service life.

In summary, engine system cast components are indispensable in the automotive industry, offering excellent performance and reliable quality to ensure the engine's efficient operation and long-term stability.



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