



## Vehicle Aluminum Alloy Sheet Metal Stamping Parts In Car

Our Product Introduction

### Basic Information

- Place of Origin: China
- Certification: ISO9001:2015
- Minimum Order Quantity: 3000
- Packaging Details: Carton or wooden case
- Delivery Time: 35 days
- Payment Terms: T/T, Paypal
- Supply Ability: 1000000



### Product Specification

- Material: Aluminium
- Finish: Anodization
- Tolerance: +/- 1mm
- OEM: Available
- Color: Black
- Highlight: **sheet metal vehicle parts,  
sheet metal stamping parts,  
sheet metal parts in car**

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## Product Description

### Aluminum Alloy Sheet Metal Fabrication Parts:

Name	Aluminium Alloy Sheet Metal Fabrication Parts
Material	Aluminium
Surface treatment	Non
Tolerance	+/- 1 mm
Weight	30g
Process	Sheet Metal
Certificate	ISO9001:2015
OEM	Available

#### Description:

Sheet Metal Fabrication is the process of forming parts from a metal sheet by punching, cutting, stamping, and bending. 3D CAD files are converted into machine code, which controls a machine to precisely cut and form the sheets into the final part. Sheet metal parts are known for their durability, which makes them great for end use applications (e.g. chassis). Parts used for low volume prototypes, and high volume production runs are most cost-effective due to large initial setup and material costs. A lightweight alternative to steel, aluminium is a naturally non-reactive metal that will not corrode in the presence of air or water. Aluminium can be somewhat vulnerable to corrosion when in contact with concrete, however, and there's also a risk of bimetal corrosion. Both of these problems can be overcome through anodizing or painting.

#### Advantage:

1. Sheet metal can be quickly cut into 2D profile shapes and formed out of a variety of high-strength materials, making it perfect for rapid tooling.
2. Sheet metal components exhibit a relatively low weight when compared to alternative materials such as solid metal blocks or castings.
3. Sheet metal parts, especially these made from materials like steel or aluminium, are highly recyclable. These parts can be recycled and reused to produce new sheet metal components, reducing environmental impact and promoting sustainability.
4. Sheet metal fabrication techniques have advanced significantly with the use of computer-aided design (CAD) software and computer numerical control (CNC) machines, allowing precise cutting, bending, and forming operations. This accuracy ensures consistent dimensions and tight tolerances, which is crucial in industries where precise fit and functionality are required.

#### Application:

Dental, Medical, Electronics, Lighting, Consumer products. Aircraft, Automotive and Construction.

#### Company profile:

C&A Industrial Component Ltd. is a China-based manufacturer of custom-made metal components, hardware, fittings, valves, PVC products, etc.

We have over 20 manufacturing facilities that we collaborate with in China. Manufacturing process: pressure die casting, machining, stamping and etc.

Most of the facilities are Certified with ISO9001, TS16949, and etc.

Our manufacturing facilities are located in Zhejiang area and Jiangsu area with a USA sales office for our North American Customers.



**C&A Industrial Component Ltd**



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