

Fuel Tank Cap

Basic Information

- Price: Negotiation



Product Specification

Our Product Introduction

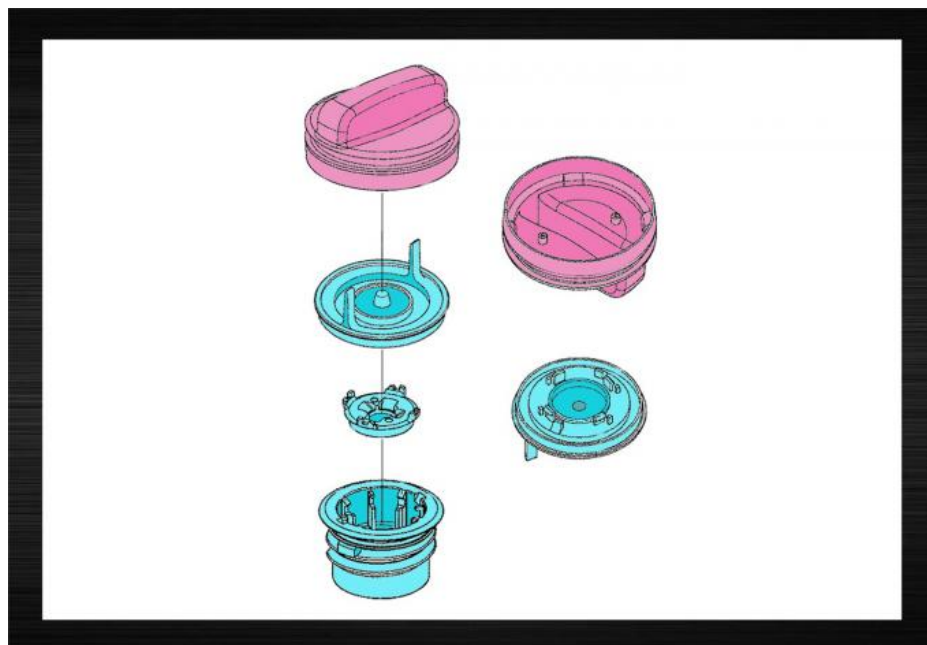
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Product Description

Features Products Specifications Application

The fuel tank, i.e. the fuel storage unit, has high requirements for corrosion resistance. At dual operating pressures, it should be sealed at a gauge pressure of at least 0.03 MPa. The excess pressure generated must be self-reducing via a safety hole or safety valve, and fuel should not flow from the fuel tank Cap or pressure balancing device when driving on curves, inclined roads or under impact.

The fuel tank Cap is a rotatable knob which is turned to the left to open the tank and to the right to close it, when turned to the right and a click is heard it is fully closed.

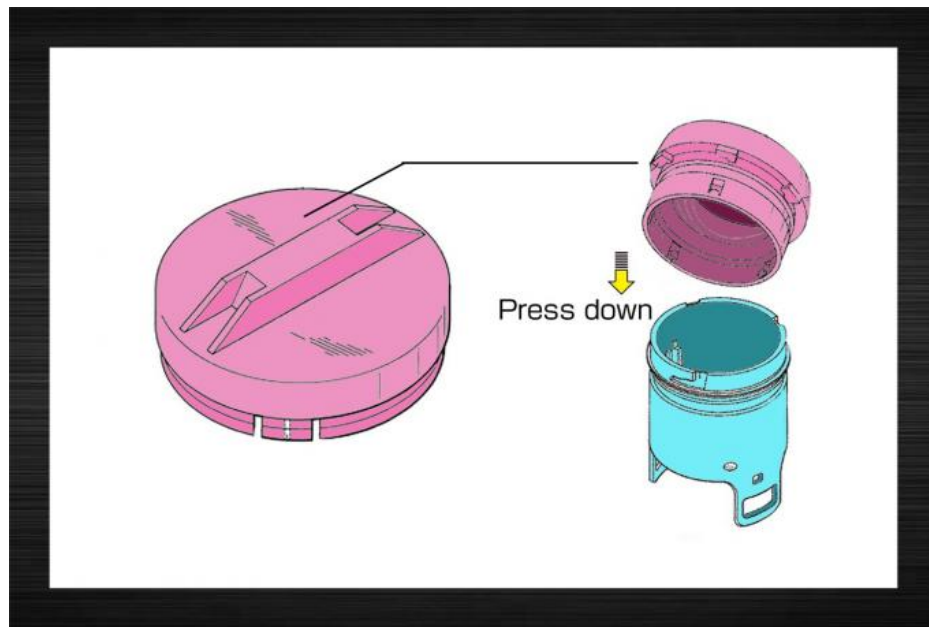


The fuel tank Cap is usually designed as a jaw type and with the corrugated leaf elastomer spring pressed rubber gasket to clamp the gasoline tank opening circumference to ensure a seal, some fuel tank Caps are also designed with a deadbolt device to prevent falling off or loss. In order to ensure the balance of air pressure in the tank, the air valve and steam valve are designed on the tank Cap, because the two valves are designed as one, so it is also called composite valve. When the gasoline in the tank decreases and the pressure drops below 96KPA, the air valve is opened by the atmospheric pressure and outside air enters the tank to balance the vacuum in the tank to ensure the normal supply of gasoline; when the gasoline vapour pressure in the tank is greater than 107.8KPA, the vapour valve is opened by the top and the gasoline vapour is released to the atmosphere (for cars with fuel evaporation control devices it is released to the charcoal canister). In order to keep the pressure in the tank normal, thus ensuring stable petrol pressure.

Product Description

I. Main material: polyhexanediamide (PA66), a thermoplastic resin material, commonly known as nylon-66.

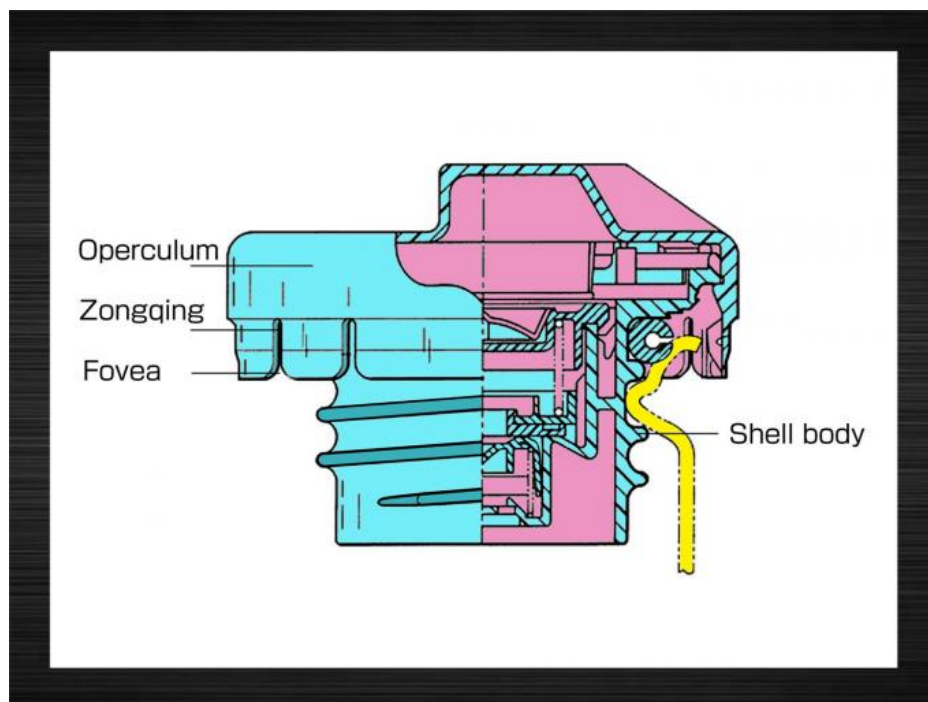
1. High mechanical strength, good toughness, high tensile and compressive strength.
2. Outstanding fatigue resistance, the parts can still maintain the original mechanical strength after repeated bending.
3. High softening point, smooth surface, small friction coefficient, heat and wear resistance.
4. Corrosion resistant, very resistant to alkali and most salt liquids, also resistant to weak acids, oil, gasoline, aromatic compounds and general solvents, inert to aromatic compounds.
5. Self-extinguishing, non-toxic, odourless, good weather resistance, inert to biological erosion, good anti-bacterial, anti-mould ability.
6. Excellent electrical properties. Good electrical insulation, nylon resistance is very high, high breakdown voltage resistance, in a dry environment, can be used as an insulating material, even in a high humidity environment still has good electrical insulation.



II. Nitrile rubber sealing ring

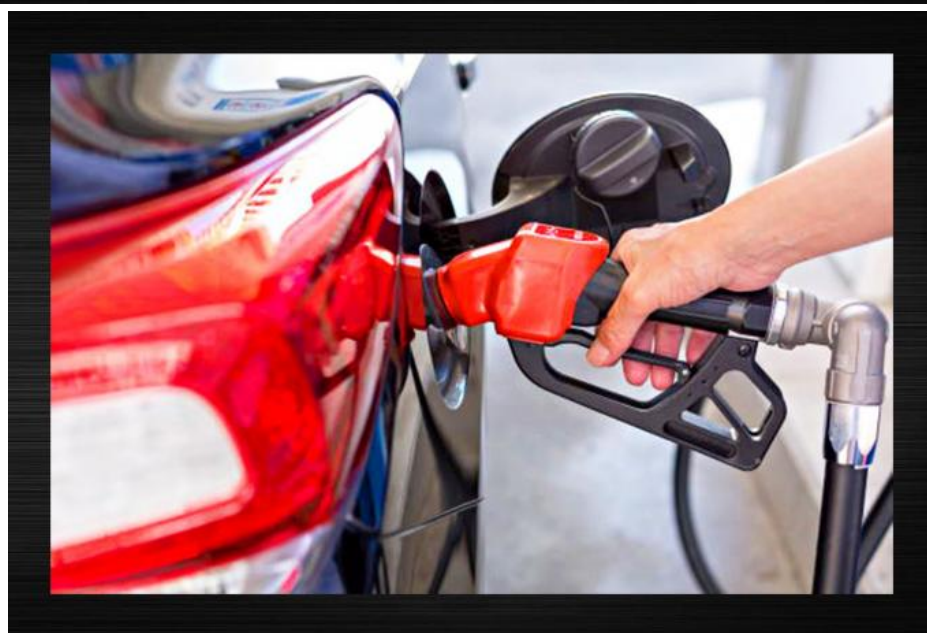
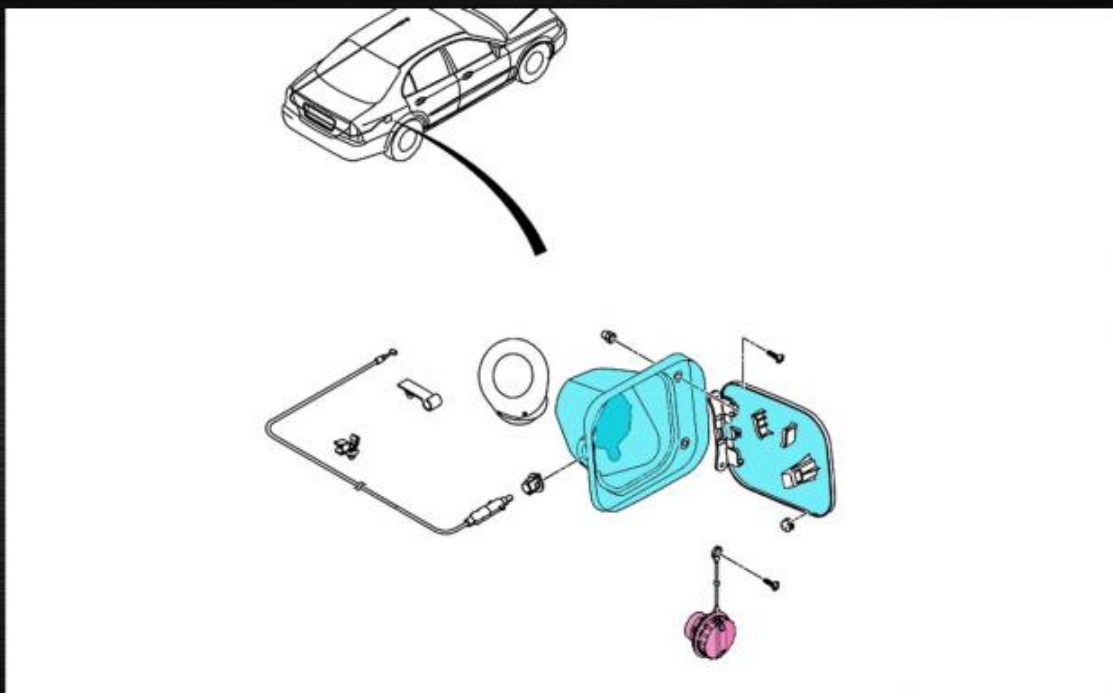
1. Nitrile rubber (NBR) is used for the sealing ring of the fuel tank lid, and more acrylonitrile is added during the production, which has good oil resistance.
2. NBR has good water resistance, air tightness and adhesion, it is water resistant, solvent resistant and high pressure resistant.
3. NBR has good elasticity and wear resistance and is generally used in some of the more important seals in automobiles.

Products (Structural Diagram)



Cautions

The fuel tank Cap should also be checked during normal maintenance. When checking the fuel tank Cap, you should also check in particular that the threads on the two parts of the fuel injector neck are not damaged or that the threads do not match, and that the gasket or seal is in the correct position. If the lanyard of the fuel tank Cap is found to be broken, it should be replaced promptly.



Why choose us?

We are a trusted partner for many leading companies in the automotive industry.

Our company adheres to the principle of 'creating a famous brand of science and technology', focuses on the research and development of product performance, so as to better meet the needs of customers. Our product quality is reliable and is well received by the majority of users.

We are committed to respecting the intellectual property rights of our customers and partners.

We not only focus on the domestic market, but also fully understand the characteristics of overseas markets and have stabilized the foundation of overseas markets.

We prioritize ethical business practices and comply with all relevant local and international regulations.

Our technical strength and good reputation have attracted the attention of many customers, thus the sales of our Fuel Tank Cap continue to rise.

Our team of professionals ensures that every product is made of high-quality materials and is designed to last.

We'll make every effort and hard work being outstanding and excellent, and speed up our techniques for Fuel Tank Cap.

Our factory produces a wide range of exterior accessories that will meet all your needs.

By offering a wide range of high-quality products at competitive prices, we provide customers with significant advantages in the market. We see ourselves not just as a supplier for our clients, but as their partner in helping them achieved their own goals and objectives.

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