

Fuel Pump

Basic Information

- Price: Negotiation



Product Specification

Product Description

FeaturesProducts SpecificationsApplication



Electronic Fueling Pumps

An electronic fueling pump provides the necessary pressure and flow to the fuel system by continuously drawing fuel from the tank. It is obvious from the function of the electronic gasoline pump electronic fueling pump that the performance of the electronic fueling pump has a direct impact on the performance of the engine.

The electronic fueling pump plays a "central" role in the fuel delivery system of an EFI engine. The electronic gasoline pump in the fuel delivery system can be arranged in two ways: the first is external, i.e., the fuel pump is installed outside the fuel tank in series with the fuel lines. The other is built-in, i.e., the gasoline pump is installed inside the fuel tank and immersed in gasoline. This fuel pump is widely used because of its easy heat dissipation, low noise level, and long durability.

Product Description



I: Standard version of copper commutator electronic gasoline pump

1. The key parts inside the oil pump use copper commutator, the silver content reaches 0.8%, high silver content makes the product more stable, the life can reach 1 year or 80,000 km or so.
2. The impeller used is 100% positive material, high precision Korean equipment can accurately control the size of the impeller.
3. The back cover is made of ADC-6 (aluminum) and oxidized by the factory. Reduce the negative impact of dust and other impurities easily mixed with external oxidation processing.
4. The use of Japanese CNC machine tools, and the use of precision robotic processing.
5. The rotor uses Italian A-TOP winding machine and Japanese DSK dynamic balancing machine to ensure the

stability and reliability of production in an effective way.

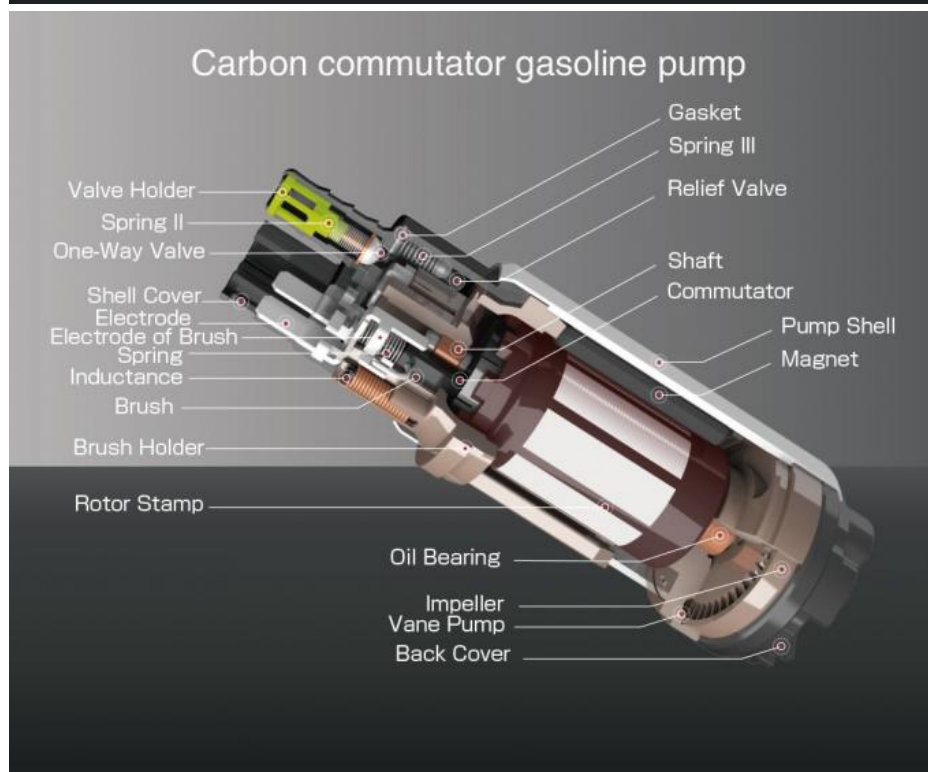
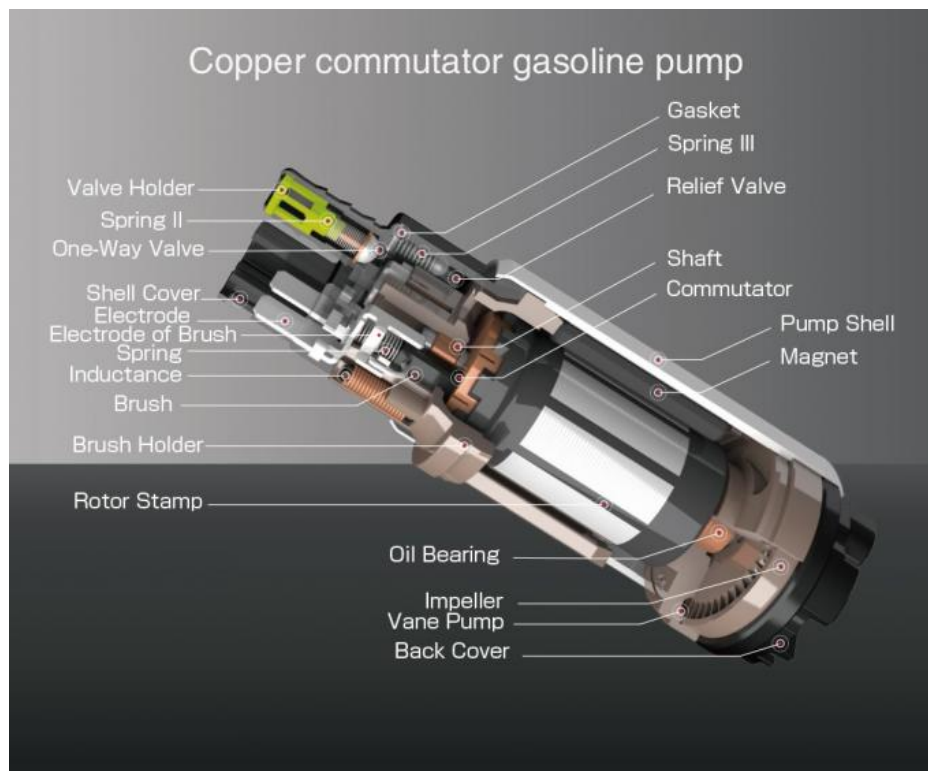
6. Every product is subject to 15 minutes grinding test and performance test, while the test bench automatically saves test data to enable each product to be traced back to its source.

II: High grade carbon commutator electronic refuelling pump



1. The main components in the refuelling pump, the carbon commutator and carbon brush, are from SCHUNK Germany and Terranflex Japan, and the life of the carbon commutator electronic petrol pump can in theory reach 2 years or 150 000 km.
2. The impeller used is 100% positive material, high precision Korean equipment can accurately control the size of the impeller.
3. The back cover is made of ADC-6 (aluminum) and oxidized by the factory. Reduce the negative impact of dust and other impurities easily mixed with external oxidation processing.
4. The use of Japanese CNC machine tools, and the use of precision robotic processing.
5. The rotor uses Italian A-TOP winding machine and Japanese DSK dynamic balancing machine to ensure the stability and reliability of production in an effective way.
6. Every product is subject to 15 minutes grinding test and performance test, while the test bench automatically saves test data to enable each product to be traced back to its source.

Product Structure



Maintenance Points

1. Refueling at regular gas stations ensures oil quality, so that the working environment of oil pumps is relatively clean and the service life is improved;
2. When driving, do not wait until you run out of oil to refuel, and ensure that the oil in the tank is not less than a quarter. If the heat dissipation of the oil pump is good, the life is relatively improved.

Precautions for installation

1. When installing, wear the necessary protective equipment, choose a well-ventilated location, and avoid sparks and open flames.
2. To avoid premature damage to the new pump, remove any contaminants from the tank and replace the filter with a new one before installation.
3. To avoid fire, when removing or installing the fuel pump, first unplug the negative terminal of the battery.

4. Do not transport or install the fuel pump gently and do not use it if it has been dropped.
5. It is strictly prohibited to operate the electric fuel pump without lubrication.

Installation procedure

I. Preparation work

1. Before carrying out all removal and installation work, switch off the power supply for at least 90 seconds. Release the pressure in the fuel system.
2. Depressurize the fuel system by removing the top cover of the fuel tank filter and disconnect the negative battery lead.

II. Remove the fuel pump assembly

1. Carefully clean the area near the fuel pump assembly unit so as not to contaminate the fuel.
2. Remove the fasteners in the tank that secure the fuel pump unit and remove the fuel pump assembly. Make sure not to contaminate the fuel tank or leave any objects in the tank.
3. Any removed assembly should not be left unattended and should be placed on a clean piece of paper or in a specialized container.
4. While dealing with the fuel pump assembly, be careful not to deform or damage the float and resistor, as this will result in inaccurate fuel tank readings.

III. Replacing the fuel pump

Remove the nuts, springs, and other washers, disconnect the cord plug from the assembly, pull the pump core away from the fitting, tilt the pump core outward to disconnect it from the connecting hose, and remove the fuel pump from the lower side of the assembly.

1. Make a note of the fuel filter installation position, support the fuel pump with one hand and grasp the screen with the other hand to remove and replace it.
2. Install the filter onto the new fuel pump insert and press straight down on the outside edge of the filter until the filter clasp is fully engaged. (A new fuel screen is recommended.)
3. Install the new pump insert into the assembly. Be careful not to connect the positive and negative wires incorrectly and to ensure that the power plug is making proper contact. (Poor wire plug contact will not turn on the power and the fuel pump will not operate.)
4. When installed again, it is recommended to replace the outlet bellows, pay practical attention to the pump's outlet bellows and interface seal. (If the old bellows is removed, the interface will be more likely to open, resulting in poor sealing during subsequent use, oil leakage for a longer period of time, and reduced flow rate.)
5. After replacing the pump core, return the fuel pump assembly to the fuel tank. (Pay attention to the sealing between the fuel pump assembly and the fuel tank.)
6. Check for gasoline leaks. Make sure that the circuit, oil circuit, fasteners, accessories, etc. are in place before turning on the power and performing a trial run.
7. Reconnect the negative battery cable. Insert the ignition key, turn the switch ON (do not start the engine!) Wait for 10 seconds. Check for fuel leaks, if any, promptly turn the ignition switch OFF. If no leaks are detected, start the engine. The engine may continue to run full until there is no air in the fuel tank.
8. The fuel pump has been replaced.

Common malfunctions of the fuel pump

1. Cold starting is difficult.
2. Engine stalls.
3. Acceleration is poor and output is insufficient.
4. The gasoline pump makes a lot of noise.
5. Oil level gauge is not accurate.
6. The car shakes while driving.

Why choose us?

Our factory is equipped with state-of-the-art technology to ensure precision manufacturing.

Creating a first-class enterprise and producing first-class Fuel Pump, our company is forging ahead in the fierce market competition.

We pride ourselves on our exceptional workmanship and attention to detail.

We are looking forward to entering a new future in quality, technology and innovation.

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You leave the difficulties to us, we will return the smile to you, we look forward to serving you.

We use only the finest raw materials to ensure product quality.

We are able to recommend products that are appropriate for the actual use of our customers.

Our focus is on providing the highest level of satisfaction to our customers.

We have now reached a consensus on technology and product cooperation with many partners, and believe that we will be able to create more satisfactory products.

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