

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it needs to be able to run. If any of the individual parts in the fuel system break down, your engine would not work correctly. There are the major parts of the fuel system listed below:

Fuel Tank: The fuel tank is a holding cell intended for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is typically placed in the fuel tank. Numerous older vehicles have the fuel pump connected to the engine or placed on the frame rail among the engine and the tank. If the pump is on the frame rail or inside the tank, then it is electric and runs with electricity from your cars' battery, while fuel pumps that are connected to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of tiny holes that block with no trouble. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the task of mixing the fuel and the air, a computer controls when the fuel injectors open to be able to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is essentially a tiny electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work so as to mix the air with the fuel without whichever computer involvement. These tools are fairly easy to function but do require frequent rebuilding and retuning. This is among the main reasons the newer vehicles existing on the market have done away with carburetors in favor of fuel injection.