

## Forklift Fuel System

Forklift Fuel System - The fuel systems task is to supply your engine with the diesel or gasoline it requires in order to run. If whatever of the fuel system parts breaks down, your engine will not work right. There are the main components of the fuel system listed beneath:

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

**Fuel Pump:** In newer cars, most contain fuel pumps usually located in the fuel tank. A lot of the older automobiles would attach the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is inside the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps that are attached 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 essential. The fuel injector is made up of tiny holes which block without problems. Filtering the fuel is the only way this could 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. Instead of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open to allow fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and could burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the task of taking the fuel and mixing it with the air without whichever involvement from a computer. Carburetors require regular tuning and rebuilding even if they are simple to work. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.