

## Fuel Systems for Forklifts

Fuel Systems for Forklifts - The fuel system is responsible for providing your engine the gasoline or diesel it requires to be able to work. If any of the specific parts in the fuel system break down, your engine will not function correctly. There are the major components of the fuel system listed under:

**Fuel Tank:** The fuel tank is a holding cell meant 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 the majority of newer cars, the fuel pump is typically situated inside the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or positioned on the frame rail between the tank and the engine. If the pump is within the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps that are mounted to the engine use the motion of the engine in order to pump the fuel.

**Fuel Filter:** For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes that block effortlessly. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in some instances both places.

**Fuel Injectors:** Nearly all domestic cars after 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 resulted in lower emission overall and better fuel economy. The fuel injector is essentially a small electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and is able to burn better when ignited by the spark plug.

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