

## Fuel Systems for Forklifts

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it requires to be able to function. If whatever of the different parts in the fuel system break down, your engine would not work correctly. There are the major parts 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 down 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 within the tank.

**Fuel Pump:** In most newer cars, the fuel pump is typically situated within the fuel tank. Numerous older vehicles have the fuel pump connected to the engine or positioned on the frame rail amid the tank and the engine. If the pump is inside the tank or on the frame rail, therefore it is electric and functions with electricity from your cars' battery, while fuel pumps which are mounted to the engine utilize the motion of the engine so as to pump the fuel.

**Fuel Filter:** For performance and overall engine life, clean fuel is essential. The fuel injector is made up of tiny holes which block without difficulty. Filtering the fuel is the only way this could be prevented. Filters could be found either after or before the fuel pump and in various instances both places.

**Fuel Injectors:** Most domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the air and the fuel, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has resulted in 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 tiny particles, and can burn better when ignited by the spark plug.

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