

## Forklift Fuel System

Fuel System for Forklift - The fuel system is responsible for supplying your engine the diesel or gasoline it requires so as to function. If whatever of the specific components in the fuel system break down, your engine will not run properly. There are the major components 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 down the gas hose and into your tank. Within 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 typically positioned within the fuel tank. Many of the older automobiles would connect the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is on the frame rail or within the tank, then it is electric and operates 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:** Clean fuel is very important for engine performance and overall engine life. Fuel injectors have tiny openings that could clog without difficulty. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after the fuel pump and in several 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 job of mixing the fuel and the air, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve which closes and opens 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:** Carburetor function to mix the fuel with the air without any computer involvement. These devices are somewhat easy to function but do need frequent tuning and rebuilding. This is among the main reasons the newer vehicles available on the market have done away with carburetors rather than fuel injection.