

## Fuel System for Forklift

Fuel Systems for Forklifts - The fuel system is responsible for providing your engine the diesel or gasoline it needs in order to work. If any of the specific components in the fuel system break down, your engine will not work correctly. There are the main parts of the fuel system listed underneath:

**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. Inside 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 placed inside the fuel tank. A lot of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the tank and 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 which 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 very important. The fuel injector is made up of tiny holes which block effortlessly. Filtering the fuel is the only way this can be prevented. Filters could be found either before or after the fuel pump and in several instances both places.

**Fuel Injectors:** Most 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 in order to let 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 and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny 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 whichever intervention from a computer. Carburetors require regular tuning and rebuilding though they are simple to work. This is amongst the main reasons the newer vehicles presented on the market have done away with carburetors in favor of fuel injection.