

## Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it needs in order to run. If whatever of the different components in the fuel system break down, your engine would not work properly. There are the major components of the fuel system listed beneath:

**Fuel Tank:** The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels downward the gas hose into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

**Fuel Pump:** In newer cars, the majority contain fuel pumps usually positioned inside the fuel tank. Many of the older automobiles will attach the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is in the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are mounted to the engine use the motion of the engine so as to pump the fuel.

**Fuel Filter:** Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings that can clog without difficulty. Filtering the fuel is the only way this could be prevented. Filters can be found either before or after the fuel pump and in some instances both places.

**Fuel Injectors:** Most domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the task 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 caused better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve that 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 is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the job of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors need repeated rebuilding and retuning even if they are easy to operate. This is among the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.