

## Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for providing your engine the diesel or gasoline it needs so as to work. If whichever of the individual components in the fuel system break down, your engine will not work properly. There are the main parts of the fuel system listed under:

**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. Within the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

**Fuel Pump:** In newer cars, most contain fuel pumps usually positioned in the fuel tank. Many of the older automobiles would attach the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is on the frame rail or inside the tank, therefore it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are attached to the engine make use of the motion of the engine to be able to pump the fuel.

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

**Fuel Injectors:** The majority of domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. Instead 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 lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve which opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and could burn better when ignited by the spark plug.

**Carburetors:** Carburetor function so as to mix the fuel with the air without any computer intervention. These tools are rather easy to work but do need frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.