

## 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 separate parts in the fuel system break down, your engine would not work correctly. There are the major parts of the fuel system listed underneath:

**Fuel Tank:** The fuel tank is a holding cell 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 how much gas is in the tank.

**Fuel Pump:** In newer cars, the majority contain fuel pumps typically placed within the fuel tank. A lot of the older automobiles would connect the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is inside the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps that are connected to the engine utilize the motion of the engine in order to pump the fuel.

**Fuel Filter:** For overall engine life and performance, clean fuel is essential. The fuel injector is made up of tiny holes that block with no trouble. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in some instances both places.

**Fuel Injectors:** Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, that replaced the carburetor who's job initially was to carry out the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is really a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small 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 whatever involvement from a computer. Carburetors need frequent tuning and rebuilding even if they are simple to operate. This is one of the main reasons the newer vehicles accessible on the market have done away with carburetors rather than fuel injection.