

## Fuel Systems for Forklifts

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it needs in order to work. If whichever of the different components in the fuel system break down, your engine will not run right. There are the main components of the fuel system listed under:

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, the majority contain fuel pumps typically placed within the fuel tank. Several 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 inside the tank, therefore it is electric and works with electricity from your cars' battery, while fuel pumps that are connected to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes which block without problems. Filtering the fuel is the only way this can be prevented. Filters can be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Most domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburetor who's job originally was to carry out the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve that opens 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 work to be able to mix the fuel with the air without whichever computer involvement. These devices are fairly simple to function but do require regular tuning and rebuilding. This is one of the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.