

## Fuel System for Forklift

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it needs in order to run. If any of the fuel system parts breaks down, your engine would not function right. There are the major parts of the fuel system listed under:

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

**Fuel Pump:** In newer cars, nearly all contain fuel pumps normally positioned in 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 tank and engine. If the pump is on the frame rail or in the tank, then it is electric and works with electricity from your cars' battery, whereas 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 tiny holes that clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters could 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 to be able to allow fuel into the engine, which replaced the carburetor who's job initially was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve which closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny 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 any computer intervention. These devices are fairly simple to work but do need frequent tuning and rebuilding. This is one of the main reasons the newer vehicles existing on the market have done away with carburetors in favor of fuel injection.