

## Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it requires in order to function. If any of the different parts in the fuel system break down, your engine would not function correctly. 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 downward the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

**Fuel Pump:** In most newer cars, the fuel pump is usually located in the fuel tank. Various older vehicles have the fuel pump attached to the engine or located on the frame rail amid the engine and the 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 connected 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 which can block effortlessly. Filtering the fuel is the only way this could be prevented. Filters could be found either after or before the fuel pump and in several instances both places.

**Fuel Injectors:** Nearly all domestic cars after 1986, together 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 let fuel into the engine. This has caused 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 inside tiny particles, and can burn better when ignited by the spark plug.

**Carburetors:** Carburetor function to be able to mix the fuel with the air without whichever computer involvement. These devices are fairly easy to operate but do require frequent rebuilding and retuning. This is among the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.