## Forklift Fuel System

Forklift Fuel Systems - The fuel systems job is to supply your engine with the diesel or gasoline it requires to be able to run. If any of the fuel system components breaks down, your engine will not function right. There are the main parts of the fuel system listed under:

Fuel Tank: The fuel tank is a holding cell intended 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 in the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is typically situated inside the fuel tank. Various older vehicles have the fuel pump attached to the engine or located on the frame rail between the tank and the engine. If the pump is on the frame rail or in the tank, therefore it is electric and functions with electricity from your cars' battery, while fuel pumps that are mounted 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 vital. The fuel injector is made up of small holes which block without difficulty. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the task of mixing the fuel and the air, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve that closes and 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 job of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors need repeated tuning and rebuilding even though they are simple to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.