## Forklift Fuel System

Forklift Fuel Systems - The fuel system is responsible for feeding your engine the diesel or gasoline it needs to be able to work. If any of the separate parts in the fuel system break down, your engine will not function correctly. There are the main components of the fuel system listed beneath:

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

Fuel Pump: In newer cars, most contain fuel pumps typically placed within the fuel tank. Many of the older automobiles will attach 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 inside the tank, therefore it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are connected to the engine make use of 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 small holes that clog easily. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in some 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 allow fuel into the engine, that replaced the carburator who's task initially was to perform the mixing of the fuel and air. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work so as to mix the fuel with the air without any computer involvement. These devices are fairly easy to operate but do require regular tuning and rebuilding. This is amongst the main reasons the newer vehicles available on the market have done away with carburetors rather than fuel injection.