

## Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it requires in order to run. If whatever of the individual components in the fuel system break down, your engine would not function properly. There are the main parts of the fuel system listed underneath:

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

**Fuel Pump:** In newer cars, most contain fuel pumps typically located within the fuel tank. A lot of the older automobiles would attach the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is inside the tank or on the frame rail, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps which are attached to the engine use the motion of the engine to be able to pump the fuel.

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

**Fuel Injectors:** Most domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the task of mixing the air and the fuel, a computer controls when the fuel injectors open to be able to let fuel into the engine. 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 in tiny particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the task of taking the fuel and mixing it with the air without whatever involvement from a computer. Carburetors require frequent rebuilding and retuning although they are easy to operate. This is amongst the main reasons the newer vehicles obtainable on the market have done away with carburetors in favor of fuel injection.