## Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for providing your engine the diesel or gasoline it needs so as to run. If whichever of the individual components in the fuel system break down, your engine will not run right. There are the main components of the fuel system listed below:

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. 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 nearly all newer cars, the fuel pump is typically situated inside the fuel tank. Many older vehicles have the fuel pump attached to the engine or positioned on the frame rail between the tank and the engine. If the pump is on the frame rail or within the tank, therefore it is electric and functions with electricity from your cars' battery, whereas fuel pumps that are attached to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have tiny openings which can block without problems. 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: Most domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place 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 allow fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is basically 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 inside tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work to mix the air with the fuel without whichever computer intervention. These tools are rather simple to function but do need frequent rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.