## Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it needs to be able to function. If whatever of the different parts in the fuel system break down, your engine would not function right. There are the major components 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 downward the gas hose and into your tank. Within the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In most newer cars, the fuel pump is usually located in the fuel tank. Several older vehicles have the fuel pump attached to the engine or placed on the frame rail among the tank and the engine. If the pump is on the frame rail or within the tank, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are mounted to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have small openings which can block effortlessly. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Most domestic cars after 1986, together 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 to let fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve that opens and closes 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 function to mix the fuel with the air without whichever computer intervention. These devices are quite easy to operate but do need regular rebuilding and retuning. This is among the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.