## Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to provide your engine with the gasoline or diesel it needs in order to run. If any of the fuel system components breaks down, your engine will 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 down 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 within the tank.

Fuel Pump: In newer cars, most contain fuel pumps typically located inside the fuel tank. Several of the older automobiles would connect the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is in the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are mounted to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is very important for engine performance and overall engine life. Fuel injectors have tiny openings that could block without problems. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the job of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is essentially a small electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the air with the fuel without whatever computer involvement. These tools are rather easy to operate but do require regular rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.