## Forklift Fuel System

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it requires to be able to run. If any of the fuel system components breaks down, your engine would not function correctly. There are the major components of the fuel system listed beneath:

Fuel Tank: The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels downward the gas hose into your tank. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is typically located inside the fuel tank. Many older vehicles have the fuel pump connected to the engine or placed on the frame rail between the tank and the engine. If the pump is within the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, whereas fuel pumps that are mounted to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of small holes that block easily. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: The majority of domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the job 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 resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve which opens and closes 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 function to mix the fuel with the air without whichever computer involvement. These tools are fairly easy to work but do need regular tuning and rebuilding. This is one of the main reasons the newer vehicles offered on the market have done away with carburetors rather than fuel injection.