## Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it requires to be able to function. If whichever of the different parts in the fuel system break down, your engine will not function correctly. There are the main 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. 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, nearly all contain fuel pumps normally located in the fuel tank. A lot 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 functions 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: Clean fuel is very important for engine performance and overall engine life. Fuel injectors have small openings that could clog without difficulty. 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: Nearly all domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to be able to allow fuel into the engine, which replaced the carburator who's task originally was to perform the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is really a small electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small 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 whichever intervention from a computer. Carburetors need repeated rebuilding and retuning even though they are easy to operate. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.