Forklift Fuel System

Fuel System for Forklift - The fuel system is responsible for feeding your engine the diesel or gasoline it needs so as to work. If any of the specific components in the fuel system break down, your engine will not function correctly. There are the major components of the fuel system listed below:

Fuel Tank: The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels down 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 within the tank.

Fuel Pump: In newer cars, most contain fuel pumps usually positioned in the fuel tank. Several of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is inside the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, whereas fuel pumps which are attached to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is essential. The fuel injector is made up of small holes that clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters can be found either after or before the fuel pump and in some 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, that replaced the carburator who's task originally was to carry out the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically 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 in small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without any computer involvement. These tools are quite easy to function but do require 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.