Fuel System for Forklift

Fuel Systems for Forklifts - The fuel system is responsible for providing your engine the diesel or gasoline it requires to be able to work. If whatever of the different parts in the fuel system break down, your engine would not run right. There are the major parts of the fuel system listed below:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Inside 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 normally positioned in the fuel tank. A lot 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 within the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, while fuel pumps which are connected to the engine make use of the motion of the engine in order to pump the fuel.

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

Fuel Injectors: Most domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, which replaced the carburator who's job initially was to perform the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a tiny 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 can burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without whatever 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 offered on the market have done away with carburetors instead of fuel injection.