Fuel System for Forklift

Forklift Fuel Systems - The fuel system is responsible for feeding your engine the diesel or gasoline it needs to be able to function. If any of the different components in the fuel system break down, your engine will not run correctly. There are the main components of the fuel system listed under:

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels down the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps typically located inside the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is on the frame rail or inside the tank, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are connected to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is very important for overall engine life and engine performance. Fuel injectors have small openings that could clog effortlessly. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars after 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 better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work to mix the air with the fuel without whatever computer involvement. These tools are rather simple to function but do need regular tuning and rebuilding. This is among the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.