Forklift Fuel Systems

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 parts in the fuel system break down, your engine would not run properly. There are the major parts of the fuel system listed underneath:

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 how much gas is within the tank.

Fuel Pump: In newer cars, most contain fuel pumps usually placed in the fuel tank. Many of the older automobiles will attach the fuel pump to the engine or located 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 functions with electricity from your cars' battery, whereas fuel pumps that are connected 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 tiny holes which block with no trouble. 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: Most domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, which replaced the carburator who's task initially was to perform the mixing of the fuel and air. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without any involvement from a computer. Carburetors need repeated tuning and rebuilding even though they are easy to operate. This is among the main reasons the newer vehicles accessible on the market have done away with carburetors rather than fuel injection.