Fuel System for Forklift

Fuel Systems for Forklifts - The fuel system is responsible for supplying your engine the gasoline or diesel it requires to be able to work. If whatever of the specific components in the fuel system break down, your engine will not run properly. There are the main parts 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. 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, nearly all contain fuel pumps usually located within the fuel tank. A lot of the older automobiles will connect the fuel pump to the engine or positioned 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 works with electricity from your cars' battery, whereas fuel pumps which are attached to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes which block without problems. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, together 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 allow fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve which closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors need frequent tuning and rebuilding even if they are easy to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.