Fuel Systems for Forklifts

Fuel System for Forklift - The fuel systems task is to supply your engine with the diesel or gasoline it needs to be able to work. If whatever of the fuel system components breaks down, your engine would not run correctly. There are the major components 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 down 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 most newer cars, the fuel pump is normally situated inside the fuel tank. Various older vehicles have the fuel pump attached to the engine or placed on the frame rail between the engine and the tank. If the pump is on the frame rail or in the tank, then it is electric and functions with electricity from your cars' battery, while fuel pumps which are connected to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is vital. The fuel injector is made up of tiny holes that clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny 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 whatever involvement from a computer. Carburetors require regular tuning and rebuilding even though they are easy to operate. This is among the main reasons the newer vehicles offered on the market have done away with carburetors rather than fuel injection.