Fuel Systems for Forklifts

Fuel System for Forklift - The fuel systems task is to provide your engine with the gasoline or diesel it requires in order to run. If whatever of the fuel system components breaks down, your engine will not run right. There are the major parts of the fuel system listed below:

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

Fuel Pump: In nearly all newer cars, the fuel pump is usually placed in the fuel tank. Various older vehicles have the fuel pump attached to the engine or located on the frame rail between the engine and the tank. If the pump is within the tank or on the frame rail, therefore it is electric and functions with electricity from your cars' battery, whereas fuel pumps that are attached to the engine use the motion of the engine to be able 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 effortlessly. Filtering the fuel is the only way this can be prevented. Filters can be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: The majority of domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the task of mixing the fuel and the air, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without any computer involvement. These devices are somewhat simple to operate but do require regular tuning and rebuilding. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.