Forklift Fuel System

Fuel Systems for Forklifts - The fuel system is responsible for feeding your engine the diesel or gasoline it needs to be able to run. If any of the individual parts in the fuel system break down, your engine would not function right. There are the major 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 down the gas hose into your tank. Within the tank there is a sending unit. This is what tells the gas gauge the amount of gas is within the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps typically placed inside the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or located on the frame next to the engine and tank. If the pump is inside the tank or on the frame rail, therefore it is electric and functions with electricity from your cars' battery, whereas fuel pumps which are mounted to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is very important for engine performance and overall engine life. Fuel injectors have small openings that could block with no trouble. Filtering the fuel is the only way this can be prevented. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Most domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburator who's task originally was to perform the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially 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 in tiny particles, and could 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 intervention from a computer. Carburetors need regular rebuilding and retuning even though they are simple to work. This is among the main reasons the newer vehicles presented on the market have done away with carburetors instead of fuel injection.