Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it needs so as to run. If any of the specific components in the fuel system break down, your engine would not run right. There are the main parts of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Inside 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 most newer cars, the fuel pump is typically situated in the fuel tank. Several older vehicles have the fuel pump attached to the engine or placed on the frame rail among the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, while fuel pumps which are mounted to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings which could block with no trouble. Filtering the fuel is the only way this can be prevented. Filters could be found either after or before 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, that replaced the carburator who's job originally was to perform the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and can 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 require regular tuning and rebuilding even though they are simple to work. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.