Forklift Fuel System

Forklift Fuel Systems - The fuel system is responsible for providing your engine the diesel or gasoline it requires in order to run. If whatever of the individual components in the fuel system break down, your engine would not function properly. 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. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is within the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is normally located inside the fuel tank. Several older vehicles have the fuel pump attached to the engine or located on the frame rail amid 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, whereas fuel pumps which are mounted to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings that can clog without difficulty. Filtering the fuel is the only way this could be prevented. Filters could be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to be able 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 basically a tiny electric valve which opens and closes 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 whichever intervention from a computer. Carburetors need repeated tuning and rebuilding even if they are simple to operate. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.