Forklift Fuel System

Forklift Fuel Systems - The fuel systems job is to supply your engine with the diesel or gasoline it requires to be able to work. If whatever of the fuel system parts breaks down, your engine would not work right. There are the main 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 downward the gas hose into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge the amount of gas is in the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally situated in the fuel tank. Many older vehicles have the fuel pump attached to the engine or placed on the frame rail amid the tank and the engine. If the pump is on the frame rail or inside the tank, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are connected to the engine make use of 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 block effortlessly. Filtering the fuel is the only way this can be prevented. Filters can be found either before or after 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 initially was to perform the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whatever involvement from a computer. Carburetors need repeated tuning and rebuilding although they are simple to operate. This is one of the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.