Forklift Fuel System

Forklift Fuel System - The fuel systems task is to supply your engine with the diesel or gasoline it requires so as to function. If any of the fuel system components breaks down, your engine would not function right. There are the main components of the fuel system listed below:

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 how much gas is in the tank.

Fuel Pump: In newer cars, most contain fuel pumps typically located in the fuel tank. Several of the older automobiles would attach the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is on the frame rail or in the tank, 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: For performance and overall engine life, clean fuel is essential. The fuel injector is made up of small holes which block with no trouble. Filtering the fuel is the only way this could be avoided. Filters can be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars made after 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 job initially was to perform the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is really a small electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work to be able to mix the fuel with the air without any computer involvement. These devices are rather easy to function but do need regular rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.