Forklift Fuel Systems

Fuel System for Forklift - The fuel system is responsible for providing your engine the diesel or gasoline it needs to be able to run. If any of the different components in the fuel system break down, your engine will not function right. 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 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 most newer cars, the fuel pump is typically situated inside the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or located on the frame rail among the tank and the engine. If the pump is on the frame rail or within the tank, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are connected to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is vital for overall engine life and engine performance. Fuel injectors have small openings that can block without difficulty. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in various 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 to be able to allow fuel into the engine, which replaced the carburator who's task originally was to carry out the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to mix the fuel with the air without whatever computer intervention. These devices are fairly easy to function but do need regular rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.