Forklift Fuel Systems

Fuel Systems for Forklifts - The fuel system is responsible for providing your engine the gasoline or diesel it needs so as to function. If whatever of the specific parts in the fuel system break down, your engine will not work correctly. There are the major parts of the fuel system listed under:

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. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps normally placed inside the fuel tank. A lot of the older automobiles will connect 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 within the tank, then it is electric and works with electricity from your cars' battery, while fuel pumps which are mounted to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings which could clog with no trouble. Filtering the fuel is the only way this can be avoided. Filters can be found either after or before the fuel pump and in several 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 in order to allow fuel into the engine, that replaced the carburator who's task originally was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially 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 in small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor function so as to mix the fuel with the air without whatever computer involvement. These tools are fairly simple to function but do need frequent tuning and rebuilding. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.