Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to provide your engine with the gasoline or diesel it needs so as to work. If any of the fuel system parts breaks down, your engine will not run correctly. There are the major components 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 down 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 within the tank.

Fuel Pump: In newer cars, most contain fuel pumps usually positioned within the fuel tank. Several of the older automobiles will attach the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is on the frame rail or inside 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 to be able to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is essential. The fuel injector is made up of tiny holes which clog without difficulty. Filtering the fuel is the only way this could 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 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 perform the mixing of the air and fuel. This has caused lower emission overall and better fuel economy. The fuel injector is really a small electric valve that opens closes 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: Carburetors have the task of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors need repeated rebuilding and retuning though they are easy to operate. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.