Forklift Fuel Systems

Fuel System for Forklift - The fuel system is responsible for feeding your engine the gasoline or diesel it requires so as to work. If whatever of the separate parts in the fuel system break down, your engine would not run properly. There are the main components of the fuel system listed under:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is usually placed inside the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or located on the frame rail amid the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, while fuel pumps that 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 tiny openings which could clog with no trouble. Filtering the fuel is the only way this can be prevented. Filters could 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 to be able to allow fuel into the engine, that replaced the carburator who's job originally was to carry out the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is essentially a small electric valve which opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work to mix the fuel with the air without whichever computer involvement. These Yale parts tools are rather easy to work but do require regular tuning and rebuilding. This is among the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.