Fuel Systems for Forklifts

Forklift Fuel System - The fuel systems job is to provide your engine with the diesel or gasoline it needs in order to function. If whatever of the fuel system parts breaks down, your engine would not work right. There are the main 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 in the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps usually located inside the fuel tank. A lot of the older automobiles would attach the fuel pump to the engine or located on the frame next to the engine and tank. If the pump is on the frame rail or in the tank, then it is electric and runs with electricity from your cars' battery, while fuel pumps that are mounted to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is vital. The fuel injector is made up of small holes which clog easily. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, which replaced the carburator who's job originally was to carry out 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 closes and 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 whatever computer involvement. These tools are quite simple to work 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.