Fuel Systems for Forklifts

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it requires in order to work. If whatever of the fuel system components breaks down, your engine will not function right. There are the main components 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. Within 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 the majority of newer cars, the fuel pump is normally located inside the fuel tank. Many older vehicles have the fuel pump connected to the engine or located on the frame rail between the engine and the tank. If the pump is inside the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, while fuel pumps which are attached to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is essential. The fuel injector is made up of tiny holes that block with no trouble. 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: The majority of 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, which replaced the carburator who's task originally was to carry out the mixing of the air and fuel. This has caused lower emission overall and better fuel economy. The fuel injector is essentially a tiny electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without whichever involvement from a computer. Carburetors require repeated tuning and rebuilding even if they are easy to work. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.