Forklift Fuel System

Forklift Fuel Systems - The fuel systems task is to supply your engine with the diesel or gasoline it requires so as to function. If whichever of the fuel system components breaks down, your engine would not run right. There are the main 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. 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 typically located inside the fuel tank. Many of the older automobiles would attach 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 inside the tank, then it is electric and runs with electricity from your cars' battery, while fuel pumps that are connected to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of small holes that block without difficulty. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Most domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open in order to let fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is really a small 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 tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without whatever computer intervention. These tools are rather simple to operate but do need frequent rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.