Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it requires so as to function. If whichever of the individual parts in the fuel system break down, your engine will not run properly. There are the main parts of the fuel system listed below:

Fuel Tank: The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels downward the gas hose into your tank. In 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 normally located inside the fuel tank. Several of the older automobiles will attach the fuel pump to the engine or located on the frame next to the engine and tank. If the pump is within the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are attached to the engine utilize the motion of the engine in order 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 which clog with no trouble. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all 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 task initially was to carry out the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is really 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 could burn better when ignited by the spark plug.

Carburetors: Carburetor work so as to mix the air with the fuel without whatever computer intervention. These devices are fairly simple to operate but do require regular rebuilding and retuning. This is amongst the main reasons the newer vehicles available on the market have done away with carburetors rather than fuel injection.