Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it needs to be able to function. If whichever of the specific parts in the fuel system break down, your engine will not work correctly. There are the main parts of the fuel system listed underneath:

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. In the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps usually located within 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 on the frame rail or within the tank, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps that are mounted to the engine utilize the motion of the engine to be able to pump the fuel.

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

Fuel Injectors: Most domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to allow fuel into the engine, which replaced the carburator who's task originally was to carry out the mixing of the fuel and air. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a small electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the air with the fuel without any computer involvement. These tools are rather simple to work but do require frequent tuning and rebuilding. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.