Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it needs so as to work. If any of the specific parts in the fuel system break down, your engine would not function right. There are the major 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 downward 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 newer cars, the majority contain fuel pumps normally positioned within the fuel tank. Many 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 in the tank, therefore it is electric and functions with electricity from your cars' battery, while fuel pumps that are connected to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is vital. The fuel injector is made up of tiny holes which block with no trouble. Filtering the fuel is the only way this can be avoided. Filters could be found either after or before the fuel pump and in various 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 be able to allow fuel into the engine, that replaced the carburator who's task originally was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is really 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 small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work to be able to mix the air with the fuel without whatever computer intervention. These devices are quite easy to function but do require regular 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.