Forklift Fuel Systems

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it requires so as to function. If whatever of the fuel system parts breaks down, your engine will not run properly. There are the major parts of the fuel system listed below:

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps normally positioned inside the fuel tank. Several of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is on the frame rail or in the tank, then it is electric and runs with electricity from your cars' battery, while fuel pumps which are mounted to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have small openings that can block very easily. Filtering the fuel is the only way this could be prevented. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Nearly all 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 job originally was to carry out 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 that opens closes 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 function to mix the air with the fuel without whichever computer intervention. These devices are somewhat simple to work but do need 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.