## Forklift Fuel System

Forklift Fuel Systems - The fuel system is responsible for providing your engine the gasoline or diesel it needs to be able to run. If whatever of the individual components in the fuel system break down, your engine will not run properly. There are the major parts of the fuel system listed beneath:

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 within the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps typically positioned within the fuel tank. Several of the older automobiles would connect 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 within the tank, therefore 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 vital. The fuel injector is made up of small holes that block easily. Filtering the fuel is the only way this could be prevented. Filters could be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the task of mixing the air and the fuel, a computer controls when the fuel injectors open to let fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve that 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: Carburetors have the task of taking the fuel and mixing it with the air without whatever involvement from a computer. Carburetors require regular tuning and rebuilding although they are simple to work. This is one of the main reasons the newer vehicles presented on the market have done away with carburetors rather than fuel injection.