## Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for providing your engine the diesel or gasoline it requires in order to run. If any of the separate parts in the fuel system break down, your engine will not function 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 within the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps typically located inside the fuel tank. A lot of the older automobiles would attach the fuel pump to the engine or positioned on the frame next to the tank and engine. If the pump is within the tank or on the frame rail, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps which are mounted to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have small openings which can clog without problems. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of 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, which replaced the carburator who's job initially was to perform the mixing of the fuel and air. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor function in order to mix the air with the fuel without any computer intervention. These tools are fairly simple to operate 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 in favor of fuel injection.