Fuel System for Forklift

Forklift Fuel Systems - The fuel system is responsible for providing your engine the gasoline or diesel it needs to be able to function. If any of the individual components in the fuel system break down, your engine would not work right. 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 nearly all newer cars, the fuel pump is typically placed within the fuel tank. Several older vehicles have the fuel pump attached to the engine or placed on the frame rail amid the engine and the tank. If the pump is on the frame rail or in the tank, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are attached to the engine make use of the motion of the engine in order 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 block with no trouble. Filtering the fuel is the only way this can be prevented. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Most domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the job of mixing the air and the fuel, a computer controls when the fuel injectors open in order to let fuel into the engine. This has caused lower emission overall and better fuel economy. 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 within 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 rebuilding and retuning though they are simple to operate. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.