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 different components in the fuel system break down, your engine will not work 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 inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is usually located in the fuel tank. Several older vehicles have the fuel pump connected to the engine or located on the frame rail amid the engine and the tank. If the pump is in the tank or on the frame rail, 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 overall engine life and performance, clean fuel is essential. The fuel injector is made up of small holes which block with no trouble. Filtering the fuel is the only way this could be avoided. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Nearly all domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to do the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is essentially a small electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the fuel with the air without whichever computer involvement. These devices are rather simple to function but do require frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles available on the market have done away with carburetors in favor of fuel injection.