Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it requires to be able to function. If any of the different parts in the fuel system break down, your engine will not work correctly. 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 in the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is usually situated within the fuel tank. Many older vehicles have the fuel pump attached to the engine or positioned on the frame rail amid the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, while fuel pumps which are connected to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have small openings which could clog without problems. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after 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 job of mixing the fuel and the air, a computer controls when the fuel injectors open to be able to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve which closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without any involvement from a computer. Carburetors need regular rebuilding and retuning even though they are easy to operate. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.