Fuel System for Forklift

Fuel System for Forklift - The fuel system is responsible for providing your engine the gasoline or diesel it needs in order to work. If any of the separate components in the fuel system break down, your engine will not run right. There are the major parts of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Within the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is typically placed inside the fuel tank. Various older vehicles have the fuel pump attached to the engine or placed on the frame rail among the engine and the tank. If the pump is on the frame rail or inside the tank, therefore 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 very important for engine performance and overall engine life. Fuel injectors have small openings that can block very easily. Filtering the fuel is the only way this can be prevented. Filters could be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Most 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 air and the fuel, a computer controls when the fuel injectors open to be able to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whichever involvement from a computer. Carburetors require regular rebuilding and retuning even though they are easy to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.