Forklift Fuel System

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it requires in order to work. If whichever of the fuel system components breaks down, your engine will not function right. There are the main components of the fuel system listed below:

Fuel Tank: The fuel tank is a holding cell meant 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 how much gas is within the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is typically placed in the fuel tank. Lots of 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 use the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings which can clog effortlessly. 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: Most domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out 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 resulted in lower emission overall and better fuel economy. The fuel injector is essentially a small electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and could burn better when ignited by the spark plug.

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