Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to provide your engine with the gasoline or diesel it requires so as to work. If any of the fuel system components breaks down, your engine will not work properly. 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 down the gas hose and into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is usually located within the fuel tank. Many older vehicles have the fuel pump attached to the engine or located on the frame rail amid the engine and the tank. If the pump is on the frame rail or inside the tank, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps that are connected to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is vital for overall engine life and engine performance. Fuel injectors have tiny openings which can block very easily. Filtering the fuel is the only way this can be prevented. Filters can be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: The majority of domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the task 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 better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve which opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without whichever computer involvement. These tools are fairly simple to work but do require regular rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.