Forklift Fuel System

Fuel System for Forklift - The fuel systems task is to supply your engine with the diesel or gasoline it needs in order to run. If any of the fuel system parts breaks down, your engine would not work properly. There are the major components of the fuel system listed below:

Fuel Tank: The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels downward the gas hose into your tank. Within 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 most newer cars, the fuel pump is usually located inside the fuel tank. Various older vehicles have the fuel pump connected to the engine or positioned on the frame rail among the engine and the tank. If the pump is on the frame rail or within the tank, then it is electric and operates 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 very important for overall engine life and engine performance. Fuel injectors have tiny openings which could clog without difficulty. Filtering the fuel is the only way this could be prevented. Filters could 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 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 caused lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without whichever computer intervention. These tools are quite simple to operate but do require frequent rebuilding and retuning. This is one of the main reasons the newer vehicles existing on the market have done away with carburetors in favor of fuel injection.