Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it requires to be able to function. If any of the specific parts in the fuel system break down, your engine will not work correctly. There are the main parts of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell intended 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 inside the tank.

Fuel Pump: In most newer cars, the fuel pump is usually located within the fuel tank. Various older vehicles have the fuel pump connected to the engine or placed on the frame rail among the tank and the engine. If the pump is within the tank or on the frame rail, therefore it is electric and operates with electricity from your cars' battery, whereas 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 which can clog without problems. Filtering the fuel is the only way this could be prevented. Filters can be found either before or after the fuel pump and in some 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 do 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 better fuel economy and lower emissions overall. The fuel injector is really a small electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work so as to mix the fuel with the air without whatever computer involvement. These tools are fairly easy to work but do need frequent rebuilding and retuning. This is among the main reasons the newer vehicles accessible on the market have done away with carburetors rather than fuel injection.