Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it requires to be able to work. If whatever of the specific components in the fuel system break down, your engine would not function right. There are the main components of the fuel system listed beneath:

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. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is within the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally situated inside the fuel tank. Numerous older vehicles have the fuel pump attached to the engine or positioned on the frame rail amid the engine and the tank. If the pump is on the frame rail or within the tank, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps that are attached to the engine make use of the motion of the engine so as 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 with no trouble. Filtering the fuel is the only way this can be avoided. 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 carry out the task of mixing the air and the fuel, a computer controls when the fuel injectors open to allow fuel into the engine. This has caused lower emission overall and better fuel economy. 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 tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors need frequent rebuilding and retuning although they are simple to operate. This is one of the main reasons the newer vehicles accessible on the market have done away with carburetors instead of fuel injection.