Forklift Fuel System

Forklift Fuel System - The fuel systems job is to supply your engine with the gasoline or diesel it requires in order to run. If whichever of the fuel system parts breaks down, your engine would not function right. There are the major components of the fuel system listed under:

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

Fuel Pump: In the majority of newer cars, the fuel pump is normally located in the fuel tank. Many older vehicles have the fuel pump connected to the engine or located on the frame rail among the tank and the engine. 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 mounted to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of tiny holes that block 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 several instances both places.

Fuel Injectors: Most domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open to be able to let fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically 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 in tiny particles, and is able to burn better when ignited by the spark plug.

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