Forklift Fuel System

Forklift Fuel System - The fuel systems task is to provide your engine with the diesel or gasoline it needs in order to run. If any of the fuel system components breaks down, your engine will not function right. There are the main components of the fuel system listed beneath:

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. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is within the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is typically located inside the fuel tank. Several older vehicles have the fuel pump attached to the engine or located on the frame rail among the tank and the engine. If the pump is in the tank or on the frame rail, therefore it is electric and works with electricity from your cars' battery, while fuel pumps that are attached to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings that could block effortlessly. 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: Most domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the task of mixing the fuel and the air, a computer controls when the fuel injectors open in order to let fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically a small electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small 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 require 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.