Forklift Fuel System

Forklift Fuel System - The fuel systems task is to provide your engine with the diesel or gasoline it needs to be able to function. If any of the fuel system parts breaks down, your engine would not work correctly. There are the major components of the fuel system listed beneath:

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

Fuel Pump: In the majority of newer cars, the fuel pump is normally situated within the fuel tank. A lot of older vehicles have the fuel pump attached to the engine or placed on the frame rail amid the engine and the tank. If the pump is on the frame rail or within the tank, then it is electric and works with electricity from your cars' battery, while fuel pumps which are mounted 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 small openings that could clog with no trouble. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the job of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a small electric valve which closes and opens 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 whichever intervention from a computer. Carburetors need repeated tuning and rebuilding although they are easy to work. This is amongst the main reasons the newer vehicles available on the market have done away with carburetors rather than fuel injection.