Forklift Fuel Systems

Forklift Fuel System - The fuel systems job is to provide your engine with the gasoline or diesel it requires in order to run. If whatever of the fuel system components breaks down, your engine will not function correctly. There are the major 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 down the gas hose into your tank. Inside the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is normally situated within the fuel tank. Lots of older vehicles have the fuel pump attached to the engine or placed on the frame rail between the engine and the tank. If the pump is inside the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are connected to the engine use 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 clog without difficulty. Filtering the fuel is the only way this can be avoided. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Most domestic cars after the year 1986, together 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 let fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work to be able to mix the air with the fuel without whatever computer intervention. These devices are fairly simple to work but do require regular tuning and rebuilding. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.