Fuel System for Forklift

Fuel Systems for Forklifts - The fuel systems job is to provide your engine with the diesel or gasoline it requires to be able to run. If whatever of the fuel system components breaks down, your engine would not run right. There are the main parts 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 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 newer cars, nearly all contain fuel pumps typically positioned inside the fuel tank. A lot of the older automobiles will connect the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is on the frame rail or within the tank, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps that are connected to the engine utilize the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have small openings which can block without difficulty. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to do 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 which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without any computer intervention. These tools are somewhat easy to work but do require frequent 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.