Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it needs so as to function. If whatever of the specific components in the fuel system break down, your engine would not function correctly. There are the main components of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels down the gas hose and into your tank. In 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 newer cars, nearly all contain fuel pumps normally positioned inside the fuel tank. Many of the older automobiles will attach the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is in the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, whereas fuel pumps that are connected to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have small openings which could block with no trouble. Filtering the fuel is the only way this can be avoided. Filters could be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, that replaced the carburator who's job initially was to carry out the mixing of the fuel and air. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work to be able to mix the fuel with the air without any computer intervention. These tools are somewhat easy to function but do need frequent rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.