

Forklift Fuel Systems

Forklift Fuel System - The fuel systems job is to supply your engine with the diesel or gasoline it needs to be able to run. If any of the fuel system components breaks down, your engine would not work correctly. There are the main components of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell 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 nearly all newer cars, the fuel pump is normally situated inside the fuel tank. Many older vehicles have the fuel pump attached to the engine or positioned on the frame rail among the tank and the engine. 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 mounted to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is very important for overall engine life and engine performance. Fuel injectors have tiny openings which can block without problems. 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: Most 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, which replaced the carburetor who's task originally was to perform the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and could 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 involvement from a computer. Carburetors need frequent rebuilding and retuning though they are easy to operate. This is one of the main reasons the newer vehicles obtainable on the market have done away with carburetors instead of fuel injection.