

Forklift Fuel System

Forklift Fuel Systems - The fuel system is responsible for supplying your engine the diesel or gasoline it requires to be able to function. If any of the different components in the fuel system break down, your engine will not run 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 in the tank.

Fuel Pump: In newer cars, most contain fuel pumps normally positioned within the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or positioned on the frame next to the tank and engine. If the pump is in the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps that are attached to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings that could block without problems. Filtering the fuel is the only way this can be prevented. Filters could be found either after or before the fuel pump and in some instances both places.

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

Carburetors: Carburetor work so as to mix the fuel with the air without whichever computer involvement. These devices are rather easy to function but do require frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.