

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for providing your engine the diesel or gasoline it requires in order to work. If whichever of the specific components in the fuel system break down, your engine will not work right. There are the major components of the fuel system listed underneath:

Fuel Tank: The fuel tank is a holding cell intended for your fuel. When filling up at a gas station, the fuel travels down the gas hose and into your tank. Within 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, nearly all contain fuel pumps normally positioned in the fuel tank. Several 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, then it is electric and operates with electricity from your cars' battery, while fuel pumps which are attached to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is essential. The fuel injector is made up of tiny holes that block without difficulty. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in several 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 to be able to allow fuel into the engine, which replaced the carburetor who's task originally was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is basically a small electric valve which opens and 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: Carburetors have the job of taking the fuel and mixing it with the air without whatever involvement from a computer. Carburetors need frequent rebuilding and retuning even though they are simple to work. This is among the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.