

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it needs so as to work. If whichever of the different parts in the fuel system break down, your engine would not run properly. There are the main parts of the fuel system listed below:

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. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps normally located inside the fuel tank. Several of the older automobiles would attach the fuel pump to the engine or placed 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 functions with electricity from your cars' battery, while fuel pumps which are attached to the engine utilize the motion of the engine in order to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of small holes that clog without problems. Filtering the fuel is the only way this can be avoided. 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 the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to allow fuel into the engine, which replaced the carburetor who's job originally was to perform the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and can 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 intervention from a computer. Carburetors need frequent tuning and rebuilding though they are easy to work. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.