

Fuel Systems for Forklifts

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it needs to be able to work. If whatever of the different components in the fuel system break down, your engine will not work properly. There are the major parts 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 downward the gas hose and into your tank. Inside 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, the majority contain fuel pumps typically placed within the fuel tank. Several of the older automobiles will 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, then it is electric and operates with electricity from your cars' battery, whereas fuel pumps which are connected to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes that clog easily. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the air and the fuel, a computer controls when the fuel injectors open to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small 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 intervention from a computer. Carburetors need frequent tuning and rebuilding even if they are simple to work. This is among the main reasons the newer vehicles available on the market have done away with carburetors rather than fuel injection.