

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it requires in order to function. If whichever of the separate components in the fuel system break down, your engine would not function properly. There are the major parts of the fuel system listed beneath:

Fuel Tank: The fuel tank is a holding cell 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 in the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps typically located in the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is inside the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, whereas fuel pumps which are mounted to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is very important for engine performance and overall engine life. Fuel injectors have small openings that can clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of 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, that replaced the carburetor who's job originally was to carry out the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a small 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 work to mix the air with the fuel without whichever computer intervention. These devices are quite easy to operate but do need regular rebuilding and retuning. This is among the main reasons the newer vehicles existing on the market have done away with carburetors rather than fuel injection.