

## Forklift Fuel System

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

**Fuel Tank:** The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

**Fuel Pump:** In newer cars, nearly all contain fuel pumps usually positioned within the fuel tank. Many of the older automobiles would connect the fuel pump to the engine or positioned on the frame next to the tank and engine. If the pump is on the frame rail or in the tank, then it is electric and functions with electricity from your cars' battery, while fuel pumps which are connected to the engine utilize the motion of the engine in order to pump the fuel.

**Fuel Filter:** Clean fuel is very important for overall engine life and engine performance. Fuel injectors have tiny openings which can clog without difficulty. Filtering the fuel is the only way this could be avoided. Filters can be found either after or before the fuel pump and in several instances both places.

**Fuel Injectors:** The majority of domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the task of mixing the air and the fuel, a computer controls when the fuel injectors open in order to allow fuel into the engine. 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 inside tiny particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the job of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors require regular rebuilding and retuning although they are easy to work. This is amongst the main reasons the newer vehicles offered on the market have done away with carburetors rather than fuel injection.