

## Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it needs to be able to function. If any of the different components in the fuel system break down, your engine will not run right. There are the major parts of the fuel system listed underneath:

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

**Fuel Pump:** In nearly all newer cars, the fuel pump is typically located within the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or located on the frame rail among the engine and the tank. If the pump is on the frame rail or inside the tank, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are mounted to the engine use the motion of the engine so as to pump the fuel.

**Fuel Filter:** Clean fuel is vital 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 various instances both places.

**Fuel Injectors:** The majority of domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the task of mixing the fuel and the air, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and can burn better when ignited by the spark plug.

**Carburetors:** Carburetor function to be able to mix the fuel with the air without whatever computer involvement. These devices are fairly simple to operate but do require regular tuning and rebuilding. This is among the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.