

## Fuel Systems for Forklifts

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it requires so as to run. If any of the different parts in the fuel system break down, your engine would not function properly. There are the main components of the fuel system listed beneath:

**Fuel Tank:** The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels down the gas hose 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 nearly all newer cars, the fuel pump is normally 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 tank and the engine. If the pump is within the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are connected to the engine make use of the motion of the engine so as to pump the fuel.

**Fuel Filter:** Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings which can clog without difficulty. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in various 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 task initially 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 essentially a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and could burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the task of taking the fuel and mixing it with the air without whichever intervention from a computer. Carburetors need frequent rebuilding and retuning though they are easy to work. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.