

## Forklift Fuel Systems

Forklift Fuel System - The fuel systems job is to supply your engine with the diesel or gasoline it requires to be able to function. If whichever of the fuel system components breaks down, your engine will 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 downward the gas hose into your tank. Within 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 nearly all newer cars, the fuel pump is usually located within the fuel tank. Many older vehicles have the fuel pump attached to the engine or located on the frame rail amid the engine and the tank. If the pump is in the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, whereas fuel pumps which are connected to the engine utilize the motion of the engine so as to pump the fuel.

**Fuel Filter:** For overall engine life and performance, clean fuel is vital. The fuel injector is made up of tiny holes which 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 made after 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 job originally was to carry out the mixing of the fuel and air. This has caused lower emission overall and better fuel economy. The fuel injector is essentially 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 within tiny particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetor function in order to mix the fuel with the air without any computer intervention. These tools are quite simple to work but do require regular rebuilding and retuning. This is among the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.