

## Forklift Fuel System

Fuel System for Forklift - The fuel systems task is to supply your engine with the diesel or gasoline it needs to be able to work. If whichever of the fuel system parts breaks down, your engine would not work right. There are the main parts of the fuel system listed underneath:

**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 inside the tank.

**Fuel Pump:** In nearly all newer cars, the fuel pump is usually located in the fuel tank. Various older vehicles have the fuel pump attached to the engine or placed on the frame rail between the engine and the tank. If the pump is in the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps that are mounted to the engine utilize the motion of the engine in order to pump the fuel.

**Fuel Filter:** For overall engine life and performance, clean fuel is very important. The fuel injector is made up of tiny holes that block without difficulty. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in various instances both places.

**Fuel Injectors:** The majority of domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open so as to let fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and could 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 devices are fairly easy to function but do need frequent rebuilding and retuning. This is one of the main reasons the newer vehicles existing on the market have done away with carburetors rather than fuel injection.