

## Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to provide your engine with the diesel or gasoline it requires to be able to function. If whichever of the fuel system parts breaks down, your engine would not function right. There are the main components of the fuel system listed under:

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

**Fuel Pump:** In newer cars, most contain fuel pumps usually positioned inside the fuel tank. Many of the older automobiles would attach the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is on the frame rail or within the tank, therefore it is electric and works with electricity from your cars' battery, whereas fuel pumps that are attached to the engine use the motion of the engine to be able to pump the fuel.

**Fuel Filter:** Clean fuel is vital for overall engine life and engine performance. Fuel injectors have small openings that can block with no trouble. Filtering the fuel is the only way this can be prevented. Filters can be found either after or before the fuel pump and in several 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 be able to allow fuel into the engine, which replaced the carburetor who's job originally was to perform the mixing of the fuel and air. This has caused lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and can burn better when ignited by the spark plug.

**Carburetors:** Carburetor function so as to mix the fuel with the air without any computer involvement. These tools are quite simple to function but do need frequent rebuilding and retuning. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.