

## Forklift Fuel System

Fuel System for Forklift - The fuel systems job is to supply your engine with the diesel or gasoline it requires in order to run. If whatever of the fuel system parts breaks down, your engine would not work right. There are the major components of the fuel system listed below:

**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. 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 newer cars, the majority contain fuel pumps usually located inside the fuel tank. Many of the older automobiles would connect the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is inside the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, while fuel pumps that are attached to the engine make use of the motion of the engine so as to pump the fuel.

**Fuel Filter:** Clean fuel is very important for engine performance and overall engine life. Fuel injectors have small openings that can clog very easily. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in various instances both places.

**Fuel Injectors:** Nearly all domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the job of mixing the fuel and the air, a computer controls when the fuel injectors open to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially 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 inside small particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetor work so as to mix the fuel with the air without whichever computer intervention. These devices are fairly easy to function but do require frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles presented on the market have done away with carburetors rather than fuel injection.