

## Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to supply your engine with the diesel or gasoline it needs so as to run. If any of the fuel system components breaks down, your engine will not function correctly. There are the major 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. 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 newer cars, nearly all contain fuel pumps normally placed within the fuel tank. Many of the older automobiles will attach the fuel pump to the engine or positioned on the frame next to the tank and engine. If the pump is within the tank or on the frame rail, therefore it is electric and operates 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:** For overall engine life and performance, clean fuel is vital. The fuel injector is made up of tiny holes that block without problems. Filtering the fuel is the only way this can be avoided. Filters could be found either after or before the fuel pump and in several instances both places.

**Fuel Injectors:** Most domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the job of mixing the air and the fuel, a computer controls when the fuel injectors open to be able to let fuel into the engine. This has caused lower emission overall and better fuel economy. 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 in tiny particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetor function in order to mix the air with the fuel without whichever computer involvement. These devices are quite simple to work but do need regular rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.