

## Forklift Fuel System

Forklift Fuel System - The fuel systems job is to provide your engine with the diesel or gasoline it needs so as to work. If any of the fuel system parts 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 down 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 within the tank.

**Fuel Pump:** In newer cars, the majority contain fuel pumps usually positioned in the fuel tank. Many of the older automobiles would attach the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is within the tank or on the frame rail, therefore it is electric and works with electricity from your cars' battery, while fuel pumps that are mounted to the engine utilize the motion of the engine so as to pump the fuel.

**Fuel Filter:** Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings which can clog without difficulty. Filtering the fuel is the only way this can be avoided. Filters can 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. In place of a carburetor to do the job of mixing the fuel and the air, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is basically a small electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and is able to burn better when ignited by the spark plug.

**Carburetors:** Carburetors have the job of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors require repeated tuning and rebuilding though they are simple to operate. This is amongst the main reasons the newer vehicles presented on the market have done away with carburetors rather than fuel injection.