

Fuel Systems for Forklifts

Forklift Fuel Systems - The fuel system is responsible for feeding your engine the diesel or gasoline it needs so as to run. If whatever of the separate components in the fuel system break down, your engine would not run right. There are the major parts 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. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is typically located in the fuel tank. A lot of older vehicles have the fuel pump attached to the engine or positioned on the frame rail among the tank and the engine. If the pump is in the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, while fuel pumps which are attached to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is essential. The fuel injector is made up of tiny holes which block easily. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Nearly all 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, that replaced the carburetor who's job originally was to carry out the mixing of the fuel and air. This has caused lower emission overall and better fuel economy. The fuel injector is essentially a tiny electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and can burn better when ignited by the spark plug.

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