

Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it needs so as to function. If whatever of the specific components in the fuel system break down, your engine would not run correctly. There are the main parts of the fuel system listed underneath:

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 the amount of gas is in the tank.

Fuel Pump: In newer cars, most contain fuel pumps typically positioned within the fuel tank. Several 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 in the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are attached to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of small holes which block without problems. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors need frequent tuning and rebuilding even though they are simple to operate. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.