

Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it requires to be able to run. If whichever of the different parts in the fuel system break down, your engine will not work right. There are the major parts 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. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In newer cars, most contain fuel pumps normally placed within the fuel tank. Several of the older automobiles would attach the fuel pump to the engine or positioned 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 functions with electricity from your cars' battery, while fuel pumps which are attached to the engine utilize the motion of the engine in order to pump the fuel.

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

Fuel Injectors: Nearly all domestic cars made after the year 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 task originally was to perform the mixing of the fuel and air. This has caused lower emission overall and better fuel economy. The fuel injector is really a tiny 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 tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor function to mix the air with the fuel without any computer intervention. These tools are quite simple to work but do require regular rebuilding and retuning. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.