

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it requires to be able to function. If any of the different components in the fuel system break down, your engine would not run right. There are the major 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 normally placed inside the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is on the frame rail or in the tank, therefore it is electric and works with electricity from your cars' battery, whereas fuel pumps that are connected to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes which clog with no trouble. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in several instances both places.

Fuel Injectors: The majority of domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, which replaced the carburetor who's task initially was to perform the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a tiny 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 could burn better when ignited by the spark plug.

Carburetors: Carburetor function in order to mix the air with the fuel without whatever computer involvement. These devices are fairly easy to function but do need frequent rebuilding and retuning. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.