

Forklift Fuel Systems

Fuel Systems for Forklifts - The fuel systems task is to supply your engine with the gasoline or diesel it needs so as to work. If whichever of the fuel system components breaks down, your engine would not work correctly. There are the main components of the fuel system listed below:

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 inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is typically located inside the fuel tank. Numerous older vehicles have the fuel pump attached to the engine or placed on the frame rail among the engine and the 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 that are mounted to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is essential. The fuel injector is made up of tiny holes which block effortlessly. 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: Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburetor who's task originally was to carry out the mixing of the fuel and air. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without any computer involvement. These tools are rather simple to operate but do need frequent tuning and rebuilding. This is one of the main reasons the newer vehicles available on the market have done away with carburetors in favor of fuel injection.