

Fuel Systems for Forklifts

Forklift Fuel Systems - The fuel systems job is to provide your engine with the gasoline or diesel it needs so as to work. If whatever of the fuel system parts breaks down, your engine would not function properly. 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 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 newer cars, nearly all contain fuel pumps typically located in the fuel tank. Several of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the engine and tank. 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 that are attached to the engine utilize the motion of the engine so as 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 without difficulty. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Most 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 job initially was to perform the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. 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 within tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the air with the fuel without whichever computer intervention. These devices are rather easy to work but do require frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles obtainable on the market have done away with carburetors in favor of fuel injection.