

Fuel System for Forklift

Forklift Fuel System - The fuel systems task is to provide your engine with the diesel or gasoline it needs so as to work. If any of the fuel system parts breaks down, your engine will not work right. There are the major components of the fuel system listed beneath:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels down the gas hose and 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 most newer cars, the fuel pump is normally placed within the fuel tank. A lot of older vehicles have the fuel pump connected to the engine or located on the frame rail among the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, while fuel pumps which are attached to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of small holes that block easily. Filtering the fuel is the only way this could be prevented. Filters could be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars made after the year 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 job originally was to carry out the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically a small electric valve that closes opens 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 in order to mix the air with the fuel without whichever computer involvement. These tools are quite easy to work but do need frequent tuning and rebuilding. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.