

Fuel Systems for Forklifts

Fuel System for Forklift - The fuel systems job is to provide your engine with the diesel or gasoline it requires in order to run. If any of the fuel system components breaks down, your engine will not work correctly. There are the main components 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. In the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is typically placed inside the fuel tank. Numerous older vehicles have the fuel pump attached to the engine or located on the frame rail between the tank and the engine. If the pump is on the frame rail or inside the tank, 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 so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of tiny holes which block effortlessly. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in various instances both places.

Fuel Injectors: Most domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and could burn better when ignited by the spark plug.

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