

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it needs so as to run. If any of the specific components in the fuel system break down, your engine would not work right. There are the major components of the fuel system listed below:

Fuel Tank: The fuel tank is a holding cell meant for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. Within 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 the majority of newer cars, the fuel pump is typically placed inside the fuel tank. Various older vehicles have the fuel pump connected to the engine or placed on the frame rail amid the tank and the engine. If the pump is inside the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are connected to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is essential. The fuel injector is made up of small holes which block effortlessly. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after the fuel pump and in several 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 perform the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is really a small electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors require frequent tuning and rebuilding although they are easy to operate. This is among the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.