

Fuel Systems for Forklifts

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

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels down 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 within the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps normally positioned within the fuel tank. A lot of the older automobiles would attach the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is within the tank or on the frame rail, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are attached to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is very important for overall engine life and engine performance. Fuel injectors have small openings that could block without problems. 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: The majority of domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the job of mixing the fuel and the air, 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 essentially a tiny electric valve which 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 could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whichever intervention from a computer. Carburetors need regular rebuilding and retuning though they are easy to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.