

Fuel Systems for Forklifts

Fuel System for Forklift - The fuel systems job is to supply your engine with the gasoline or diesel it needs in order to work. If any of the fuel system components breaks down, your engine will not function properly. There are the main parts of the fuel system listed underneath:

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. Inside 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 nearly all newer cars, the fuel pump is normally situated in the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or positioned on the frame rail among the tank and the engine. If the pump is inside the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps which are mounted 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 tiny openings that could block without problems. Filtering the fuel is the only way this could be avoided. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the task of mixing the fuel and the air, a computer controls when the fuel injectors open to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically 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: Carburetors have the job of taking the fuel and mixing it with the air without any involvement from a computer. Carburetors need frequent tuning and rebuilding although they are easy to work. This is amongst the main reasons the newer vehicles obtainable on the market have done away with carburetors instead of fuel injection.