

Forklift Fuel System

Forklift Fuel Systems - The fuel systems task is to provide your engine with the gasoline or diesel it needs in order to run. If whichever of the fuel system components breaks down, your engine would not run right. There are the main parts 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. Inside 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 usually placed within the fuel tank. Several of the older automobiles will attach the fuel pump to the engine or located 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 functions with electricity from your cars' battery, whereas fuel pumps which are mounted to the engine utilize the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have tiny openings that can block with no trouble. 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: Nearly all 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 air and the fuel, a computer controls when the fuel injectors open to let 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 closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny 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 whichever intervention from a computer. Carburetors require repeated tuning and rebuilding even though they are easy to work. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.