

Forklift Fuel Systems

Forklift Fuel Systems - The fuel system is responsible for feeding your engine the gasoline or diesel it requires in order to work. If any of the individual parts in the fuel system break down, your engine will 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 downward 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 the majority of newer cars, the fuel pump is usually situated within the fuel tank. Several older vehicles have the fuel pump attached to the engine or located on the frame rail among the tank and the engine. If the pump is on the frame rail or within the tank, then it is electric and functions with electricity from your cars' battery, while fuel pumps that are attached to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings that could clog without problems. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to be able to allow fuel into the engine, that replaced the carburetor who's job initially was to carry out the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors need regular tuning and rebuilding even though they are simple to operate. This is one of the main reasons the newer vehicles existing on the market have done away with carburetors rather than fuel injection.