

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it requires so as to function. If any of the specific parts in the fuel system break down, your engine will not run correctly. There are the main components of the fuel system listed under:

Fuel Tank: The fuel tank is a holding cell meant 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 inside the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps normally positioned inside the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the tank and engine. If the pump is on the frame rail or inside the tank, then it is electric and works with electricity from your cars' battery, while fuel pumps which are connected to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of tiny holes that clog 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 various instances both places.

Fuel Injectors: The majority of domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburetor who's job initially was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. 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 in tiny particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetors work to be able to mix the fuel with the air without whatever computer involvement. These devices are somewhat simple to operate but do require regular rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.