

Forklift Fuel System

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

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. Within the tank there is a sending unit. This is what tells the gas gauge the amount of gas is in the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps usually located in the fuel tank. A lot of the older automobiles will attach the fuel pump to the engine or located on the frame next to the tank and engine. If the pump is in the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are mounted to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes which clog effortlessly. Filtering the fuel is the only way this can be prevented. Filters could be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Most domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the job of mixing the fuel and the air, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve which closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work to be able to mix the air with the fuel without any computer intervention. These tools are fairly easy to function but do require regular rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.