

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for feeding your engine the gasoline or diesel it needs to be able to function. If whatever of the individual parts in the fuel system break down, your engine would not work right. There are the major components 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 downward the gas hose into your tank. In 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 most newer cars, the fuel pump is typically located in the fuel tank. Various older vehicles have the fuel pump connected to the engine or positioned on the frame rail among the engine and the tank. If the pump is on the frame rail or in the tank, therefore it is electric and runs with electricity from your cars' battery, whereas fuel pumps that are connected to the engine utilize the motion of the engine in order to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of tiny holes which clog without difficulty. Filtering the fuel is the only way this could be prevented. Filters can be found either before or after the fuel pump and in several 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 allow fuel into the engine, which replaced the carburetor who's task initially was to perform the mixing of the fuel and air. This has resulted in lower emission overall and better fuel economy. The fuel injector is essentially 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 in small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without any involvement from a computer. Carburetors require regular rebuilding and retuning although they are simple to work. This is one of the main reasons the newer vehicles offered on the market have done away with carburetors rather than fuel injection.