

Forklift Fuel System

Forklift Fuel System - The fuel systems task is to supply your engine with the diesel or gasoline it requires to be able to run. If any of the fuel system parts breaks down, your engine would not run correctly. There are the main components 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. Inside 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 most newer cars, the fuel pump is typically placed inside the fuel tank. Many older vehicles have the fuel pump attached to the engine or placed on the frame rail among the tank and the engine. If the pump is inside the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, while fuel pumps which are attached to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is vital. The fuel injector is made up of small holes that block without problems. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: Nearly all domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the task of mixing the fuel and the air, a computer controls when the fuel injectors open so as to let fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is really 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 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 need frequent rebuilding and retuning even if they are simple to operate. This is amongst the main reasons the newer vehicles obtainable on the market have done away with carburetors in favor of fuel injection.