

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it needs so as to function. If any of the different components in the fuel system break down, your engine would not function correctly. There are the major parts of the fuel system listed under:

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 in the tank.

Fuel Pump: In newer cars, most contain fuel pumps usually placed in the fuel tank. Several of the older automobiles will connect the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is on the frame rail or within the tank, therefore it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are connected to the engine make use of the motion of the engine to be able to pump the fuel.

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

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

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