

Fuel System for Forklift

Fuel System for Forklift - The fuel system is responsible for supplying your engine the diesel or gasoline it needs in order to function. If whatever of the different components in the fuel system break down, your engine will 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 down 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 in the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps normally placed in the fuel tank. A lot of the older automobiles would 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, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps which are connected to the engine use the motion of the engine so as 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 that clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, which replaced the carburetor who's job initially was to perform the mixing of the air and fuel. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically 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 in tiny particles, and can 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 involvement from a computer. Carburetors need regular tuning and rebuilding although they are easy to work. This is amongst the main reasons the newer vehicles existing on the market have done away with carburetors rather than fuel injection.