

Fuel System for Forklift

Forklift Fuel Systems - The fuel systems task is to provide your engine with the diesel or gasoline it needs in order to run. If whichever of the fuel system parts breaks down, your engine would not function correctly. There are the major components 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. Within the tank there is a sending unit. This is what tells the gas gauge how much gas is within the tank.

Fuel Pump: In newer cars, the majority contain fuel pumps normally placed inside the fuel tank. Many of the older automobiles will attach the fuel pump to the engine or positioned on the frame next to the tank and engine. If the pump is on the frame rail or within the tank, then it is electric and functions with electricity from your cars' battery, while fuel pumps that are attached to the engine use the motion of the engine so as 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 clog with no trouble. Filtering the fuel is the only way this can be prevented. 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 in order to allow fuel into the engine, that replaced the carburetor who's task originally was to carry out the mixing of the fuel and air. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially a small electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and is able to burn better when ignited by the spark plug.

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