

Fuel System for Forklift

Forklift Fuel Systems - The fuel systems task is to supply your engine with the diesel or gasoline it needs to be able to work. If any of the fuel system components breaks down, your engine will not function properly. There are the major parts of the fuel system listed beneath:

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 most newer cars, the fuel pump is typically placed in the fuel tank. Lots of older vehicles have the fuel pump attached to the engine or located on the frame rail between the engine and the tank. If the pump is inside the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, while fuel pumps which are mounted to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of small holes which clog effortlessly. Filtering the fuel is the only way this could be avoided. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to perform the job of mixing the fuel and the air, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve that closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor function to mix the air with the fuel without any computer involvement. These devices are quite simple to operate but do need frequent tuning and rebuilding. This is one of the main reasons the newer vehicles existing on the market have done away with carburetors rather than fuel injection.