

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it requires in order to run. If whichever of the specific components in the fuel system break down, your engine will not work right. There are the main parts of the fuel system listed below:

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. In the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is normally located within the fuel tank. Various older vehicles have the fuel pump connected to the engine or positioned 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 functions with electricity from your cars' battery, whereas fuel pumps that are attached to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have tiny openings which can block effortlessly. Filtering the fuel is the only way this can be prevented. Filters can be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to do the job 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 small electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small 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 any involvement from a computer. Carburetors require regular tuning and rebuilding although they are simple to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.