

Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for supplying your engine the diesel or gasoline it needs to be able to run. If whichever of the separate components in the fuel system break down, your engine will not run properly. There are the main parts of the fuel system listed beneath:

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels downward the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is usually located in the fuel tank. Many older vehicles have the fuel pump attached to the engine or positioned on the frame rail among the tank and the engine. If the pump is within the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps that are mounted 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 tiny holes which block effortlessly. Filtering the fuel is the only way this can be avoided. Filters could be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: Nearly all domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the job of mixing the air and the fuel, a computer controls when the fuel injectors open to be able to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a small electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor function in order to mix the air with the fuel without whichever computer involvement. These devices are fairly simple to function but do require frequent tuning and rebuilding. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.