

Forklift Fuel Systems

Forklift Fuel System - The fuel system is responsible for providing your engine the diesel or gasoline it needs so as to work. If whatever of the separate components in the fuel system break down, your engine would not work correctly. There are the main components of the fuel system listed underneath:

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. Within 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 nearly all newer cars, the fuel pump is typically located in the fuel tank. A lot of older vehicles have the fuel pump connected to the engine or positioned on the frame rail amid the engine and the tank. If the pump is on the frame rail or within the tank, therefore it is electric and works with electricity from your cars' battery, whereas fuel pumps that are connected to the engine use the motion of the engine in order 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 that clog with no trouble. Filtering the fuel is the only way this could be avoided. Filters can be found either after or before the fuel pump and in several instances both places.

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

Carburetors: Carburetor work so as to mix the air with the fuel without whichever computer intervention. These devices are fairly easy to function but do need frequent tuning and rebuilding. This is among the main reasons the newer vehicles existing on the market have done away with carburetors instead of fuel injection.