

Fuel System for Forklift

Forklift Fuel System - The fuel system is responsible for feeding your engine the diesel or gasoline it requires in order to function. If any of the individual components in the fuel system break down, your engine would not work correctly. There are the main parts 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. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is within the tank.

Fuel Pump: In most newer cars, the fuel pump is normally placed within the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or positioned on the frame rail between the engine and the tank. If the pump is in the tank or on the frame rail, therefore it is electric and works with electricity from your cars' battery, while fuel pumps that are connected to the engine make use of the motion of the engine in order to pump the fuel.

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

Fuel Injectors: Most domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, which replaced the carburetor who's job initially was to perform the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whichever intervention from a computer. Carburetors require frequent rebuilding and retuning even though they are simple to work. This is amongst the main reasons the newer vehicles presented on the market have done away with carburetors in favor of fuel injection.