

Forklift Fuel System

Forklift Fuel System - The fuel systems job is to supply your engine with the diesel or gasoline it needs to be able to run. If whatever of the fuel system parts breaks down, your engine will not run correctly. There are the main 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. 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 nearly all newer cars, the fuel pump is usually placed within the fuel tank. Numerous older vehicles have the fuel pump attached to the engine or positioned on the frame rail between the tank and the engine. If the pump is on the frame rail or in the tank, then it is electric and functions with electricity from your cars' battery, whereas fuel pumps that are mounted to the engine utilize the motion of the engine so as to pump the fuel.

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

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

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without whatever involvement from a computer. Carburetors require regular tuning and rebuilding though they are simple to operate. This is amongst the main reasons the newer vehicles on the market have done away with carburetors in favor of fuel injection.