

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it requires in order to work. If whichever of the different parts in the fuel system break down, your engine would not run correctly. There are the main components 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 down the gas hose into your tank. Within the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps typically placed within the fuel tank. A lot of the older automobiles would connect the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is on the frame rail or inside the tank, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps which are attached to the engine utilize the motion of the engine so as to pump the fuel.

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

Fuel Injectors: The majority of domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburetor who's job initially was to carry out the mixing of the air and fuel. 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 in small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetors work to be able to mix the fuel with the air without whichever computer involvement. These tools are rather simple to work but do require regular tuning and rebuilding. This is one of the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.