

Forklift Fuel Systems

Forklift Fuel Systems - The fuel systems job is to supply your engine with the gasoline or diesel it needs in order to function. If whatever of the fuel system components breaks down, your engine would not function right. There are the main components of the fuel system listed below:

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 how much gas is within the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is normally situated in the fuel tank. Numerous older vehicles have the fuel pump connected to the engine or located on the frame rail among the tank and the engine. If the pump is inside the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are attached to the engine utilize the motion of the engine to be able to pump the fuel.

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

Fuel Injectors: Nearly all 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, which replaced the carburetor who's task initially was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a tiny electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and can burn better when ignited by the spark plug.

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