

Fuel Systems for Forklifts

Forklift Fuel System - The fuel system is responsible for providing your engine the gasoline or diesel it requires so as to function. If whatever of the different parts in the fuel system break down, your engine would not function right. 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 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 inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally located in the fuel tank. Several older vehicles have the fuel pump connected to the engine or located on the frame rail amid the engine and the tank. If the pump is within the tank or on the frame rail, therefore it is electric and functions with electricity from your cars' battery, whereas fuel pumps that are connected 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 tiny holes that block with no trouble. Filtering the fuel is the only way this can be prevented. Filters could be found either after or before the fuel pump and in several instances both places.

Fuel Injectors: Most domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is essentially 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 is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without any computer intervention. These tools are quite easy to operate but do need frequent rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.