

## Fuel Systems for Forklifts

Forklift Fuel System - The fuel systems task is to provide your engine with the gasoline or diesel it requires to be able to work. If whatever of the fuel system components breaks down, your engine would not function right. There are the main parts of the fuel system listed under:

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. Inside the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is usually placed within the fuel tank. Lots of older vehicles have the fuel pump attached to the engine or located on the frame rail amid the tank and the engine. If the pump is inside the tank or on the frame rail, therefore it is electric and works with electricity from your cars' battery, whereas fuel pumps which are connected to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have small openings that can block without problems. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars after the year 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to perform the task of mixing the fuel and the air, a computer controls when the fuel injectors open so as to let fuel into the engine. This has resulted in better fuel economy and lower emissions overall. 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 inside tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetors have the task of taking the fuel and mixing it with the air without any intervention from a computer. Carburetors need regular tuning and rebuilding even if they are simple to work. This is one of the main reasons the newer vehicles accessible on the market have done away with carburetors rather than fuel injection.