

Forklift Fuel System

Forklift Fuel System - The fuel system is responsible for supplying your engine the gasoline or diesel it requires so as to work. If whatever of the different parts in the fuel system break down, your engine would not run properly. There are the main parts of the fuel system listed beneath:

Fuel Tank: The fuel tank is a holding cell for your fuel. When filling up at a gas station, the fuel travels down the gas hose and into your tank. In the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally situated inside the fuel tank. A lot of older vehicles have the fuel pump connected to the engine or located on the frame rail among the engine and the tank. If the pump is on the frame rail or inside the tank, therefore it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are attached to the engine use the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is very important for overall engine life and engine performance. Fuel injectors have small openings which can clog with no trouble. Filtering the fuel is the only way this could be avoided. Filters can be found either after or before the fuel pump and in several instances both places.

Fuel Injectors: Most domestic cars after 1986, along with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to do the job of mixing the air and the fuel, a computer controls when the fuel injectors open to allow fuel into the engine. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve that closes 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 work to mix the fuel with the air without any computer intervention. These devices are quite simple to function but do require frequent tuning and rebuilding. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.