

Forklift Fuel Systems

Fuel Systems for Forklifts - The fuel system is responsible for feeding your engine the gasoline or diesel it requires in order to work. If whatever of the different components in the fuel system break down, your engine would not run correctly. 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. In the tank there is a sending unit. This is what tells the gas gauge how much gas is in the tank.

Fuel Pump: In most newer cars, the fuel pump is typically placed inside the fuel tank. Various older vehicles have the fuel pump attached to the engine or located on the frame rail between the tank and the engine. If the pump is on the frame rail or in the tank, then it is electric and operates with electricity from your cars' battery, while fuel pumps that are attached to the engine make use of the motion of the engine to be able to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings that could block effortlessly. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after 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. Instead of a carburetor to carry out the task of mixing the air and the fuel, a computer controls when the fuel injectors open to be able to let fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is essentially a tiny 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 could burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without any computer involvement. These devices are quite simple to work but do need frequent tuning and rebuilding. This is amongst the main reasons the newer vehicles existing on the market have done away with carburetors in favor of fuel injection.