

Forklift Fuel Systems

Fuel System for Forklift - The fuel system is responsible for providing your engine the gasoline or diesel it needs so as to run. If whichever of the individual components in the fuel system break down, your engine would not run correctly. 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. Inside 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 usually placed within the fuel tank. Lots of older vehicles have the fuel pump attached to the engine or positioned on the frame rail between the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and functions with electricity from your cars' battery, whereas fuel pumps which are connected to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is essential for engine performance and overall engine life. Fuel injectors have tiny openings that can clog 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: Nearly all domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to carry out the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to let fuel into the engine. This has caused better fuel economy and lower emissions overall. The fuel injector is really a tiny electric valve that opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work so as to mix the air with the fuel without whatever computer involvement. These devices are somewhat simple to work but do need regular rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.