

Forklift Fuel System

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

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 in the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is typically situated within the fuel tank. Numerous older vehicles have the fuel pump connected to the engine or placed on the frame rail between the engine and the tank. If the pump is on the frame rail or within the tank, then it is electric and operates with electricity from your cars' battery, whereas fuel pumps which are attached to the engine use the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have tiny openings that could clog very easily. Filtering the fuel is the only way this can be avoided. Filters can be found either after or before the fuel pump and in various instances both places.

Fuel Injectors: The majority of domestic cars after 1986, together 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 so as to let fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is really a tiny electric valve which opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to mix the fuel with the air without whichever computer intervention. These tools are quite simple to operate but do need regular tuning and rebuilding. This is one of the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.