

Forklift Fuel Systems

Forklift Fuel System - The fuel systems task is to supply your engine with the gasoline or diesel it requires to be able to work. If whatever of the fuel system parts breaks down, your engine would not work properly. There are the major 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 inside the tank.

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

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of small holes which clog effortlessly. Filtering the fuel is the only way this can be avoided. Filters can be found either before or after the fuel pump and in several instances both places.

Fuel Injectors: The majority of domestic cars after 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to carry out the job of mixing the air and the fuel, a computer controls when the fuel injectors open in order to let 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 opens closes 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 job of taking the fuel and mixing it with the air without whatever intervention from a computer. Carburetors require repeated rebuilding and retuning even though they are easy to work. This is among the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.