

Forklift Fuel System

Forklift Fuel Systems - The fuel systems task is to supply your engine with the diesel or gasoline it requires so as to work. If any of the fuel system components breaks down, your engine would not work correctly. 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. Within 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 newer cars, the majority contain fuel pumps usually located in the fuel tank. Many of the older automobiles will connect the fuel pump to the engine or located on the frame next to the engine and tank. If the pump is within the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, while fuel pumps which are connected 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 without problems. Filtering the fuel is the only way this can be avoided. Filters could be found either before or after the fuel pump and in some instances both places.

Fuel Injectors: The majority of domestic cars after the year 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 to be able 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 that closes and opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without whichever involvement from a computer. Carburetors need regular rebuilding and retuning even though they are simple to work. This is one of the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.