Forklift Fuel Systems

Forklift Fuel System - The fuel systems job is to supply your engine with the diesel or gasoline it needs to be able to run. If whichever of the fuel system components breaks down, your engine would not work right. There are the main parts of the fuel system listed underneath:

Fuel Tank: The fuel tank holds the fuel. The fuel from the gas station pump, moves from the tank travels down the gas hose into your tank. Within the tank there is a sending unit. This is what tells the gas gauge how much gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally located in the fuel tank. Lots of 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 inside the tank, then it is electric and runs with electricity from your cars' battery, whereas fuel pumps which are attached to the engine utilize the motion of the engine so as to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is vital. The fuel injector is made up of small holes which clog with no trouble. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors so as to allow fuel into the engine, that replaced the carburator who's job initially was to perform the mixing of the air and fuel. This has resulted in lower emission overall and better fuel economy. The fuel injector is basically 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 inside small particles, and can burn better when ignited by the spark plug.

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