Forklift Fuel Systems

Forklift Fuel Systems - The fuel systems job is to supply your engine with the diesel or gasoline it requires so as to run. If whatever of the fuel system parts breaks down, your engine will not function properly. There are the major components 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 down the gas hose into your tank. Inside 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 typically situated in the fuel tank. Various older vehicles have the fuel pump connected to the engine or placed on the frame rail between the tank and the engine. If the pump is in the tank or on the frame rail, therefore it is electric and runs with electricity from your cars' battery, while fuel pumps which are mounted to the engine utilize the motion of the engine to be able to pump the fuel.

Fuel Filter: For performance and overall engine life, clean fuel is very important. The fuel injector is made up of small holes which clog without problems. Filtering the fuel is the only way this could be avoided. Filters could be found either before or after the fuel pump and in several 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 to allow fuel into the engine, which replaced the carburator who's task initially was to perform the mixing of the fuel and air. This has caused better fuel economy and lower emissions overall. The fuel injector is basically a tiny electric valve which opens and closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor function to mix the air with the fuel without whatever computer involvement. These devices are quite simple to operate but do need regular rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.