Forklift Fuel System

Forklift Fuel System - The fuel systems job is to supply your engine with the gasoline or diesel it needs so as to run. If any of the fuel system components breaks down, your engine will not work right. There are the main components of the fuel system listed below:

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 how much gas is within the tank.

Fuel Pump: In most newer cars, the fuel pump is usually placed inside the fuel tank. Numerous older vehicles have the fuel pump connected to the engine or placed on the frame rail among the engine and the tank. If the pump is in the tank or on the frame rail, then it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are attached to the engine utilize the motion of the engine in order to pump the fuel.

Fuel Filter: Clean fuel is vital for overall engine life and engine performance. Fuel injectors have tiny openings that could block without difficulty. Filtering the fuel is the only way this can be avoided. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: The majority of 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, which replaced the carburator who's job originally was to perform the mixing of the fuel and air. This has resulted in better fuel economy and lower emissions overall. The fuel injector is basically a small electric valve which 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 could burn better when ignited by the spark plug.

Carburetors: Carburetor function to be able to mix the fuel with the air without whatever computer involvement. These tools are fairly easy to work but do need regular rebuilding and retuning. This is amongst the main reasons the newer vehicles on the market have done away with carburetors rather than fuel injection.