Fuel Systems for Forklifts

Fuel System for Forklift - The fuel system is responsible for providing your engine the gasoline or diesel it needs in order to work. If whichever of the different components in the fuel system break down, your engine would not function correctly. 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 in the tank.

Fuel Pump: In newer cars, nearly all contain fuel pumps normally positioned in the fuel tank. Several of the older automobiles would connect the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is in the tank or on the frame rail, therefore it is electric and operates with electricity from your cars' battery, whereas fuel pumps that are connected to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is vital. The fuel injector is made up of small holes that clog 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 several instances both places.

Fuel Injectors: Most domestic cars made after the year 1986, came from the factory with fuel injection. A computer control opens the fuel injectors to be able to allow fuel into the engine, that replaced the carburator who's job originally was to carry out the mixing of the air and fuel. This has caused lower emission overall and better fuel economy. The fuel injector is basically a tiny electric valve that closes 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 in order to mix the air with the fuel without any computer involvement. These tools are quite simple to operate but do require regular tuning and rebuilding. This is among the main reasons the newer vehicles obtainable on the market have done away with carburetors rather than fuel injection.