Fuel System for Forklift

Forklift Fuel System - The fuel systems job is to provide your engine with the gasoline or diesel it needs so as to work. If whichever of the fuel system parts breaks down, your engine will not work correctly. 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 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 newer cars, nearly all contain fuel pumps normally positioned inside the fuel tank. Several of the older automobiles would connect the fuel pump to the engine or positioned on the frame next to the engine and tank. If the pump is inside the tank or on the frame rail, therefore it is electric and operates with electricity from your cars' battery, while fuel pumps which are attached to the engine make use of the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is vital for engine performance and overall engine life. Fuel injectors have small openings that can 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 various 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 in order to allow fuel into the engine, which replaced the carburator who's task originally was to carry out the mixing of the air and fuel. This has caused better fuel economy and lower emissions overall. The fuel injector is basically a small electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within small particles, and can burn better when ignited by the spark plug.

Carburetors: Carburetor work to mix the fuel with the air without whichever computer intervention. These tools are rather easy to work but do require frequent rebuilding and retuning. This is one of the main reasons the newer vehicles on the market have done away with carburetors instead of fuel injection.