Forklift Fuel System

Forklift Fuel Systems - The fuel system is responsible for supplying your engine the diesel or gasoline it needs so as to work. If whatever of the specific components in the fuel system break down, your engine would not run right. There are the major 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 downward the gas hose into your tank. Within the tank there is a sending unit. This is what tells the gas gauge the amount of gas is inside the tank.

Fuel Pump: In nearly all newer cars, the fuel pump is normally placed within the fuel tank. Lots of older vehicles have the fuel pump connected to the engine or placed on the frame rail amid the engine and the tank. If the pump is within the tank or on the frame rail, then it is electric and works with electricity from your cars' battery, whereas fuel pumps which are mounted 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 essential. The fuel injector is made up of tiny holes which block easily. 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: The majority of domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. Instead of a carburetor to do the task of mixing the air and the fuel, a computer controls when the fuel injectors open in order to allow fuel into the engine. This has resulted in better fuel economy and lower emissions overall. The fuel injector is really a small electric valve that opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or inside tiny particles, and could burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without whatever computer involvement. These devices are somewhat easy to work but do need regular rebuilding and retuning. This is one of the main reasons the newer vehicles presented on the market have done away with carburetors in favor of fuel injection.