

Hyster Fuel Systems

The fuel system is responsible for providing your engine the diesel or gasoline it requires in order to run. If whichever of the separate parts in the fuel system break down, your engine will not function right. There are the main parts 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. In 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 typically located in the fuel tank. A lot of the older automobiles will attach the fuel pump to the engine or placed on the frame next to the engine and tank. If the pump is on the frame rail or within the tank, therefore it is electric and functions with electricity from your cars' battery, while fuel pumps which are attached to the engine make use of the motion of the engine in order to pump the fuel.

Fuel Filter: For overall engine life and performance, clean fuel is very important. The fuel injector is made up of small holes that clog with no trouble. Filtering the fuel is the only way this could be prevented. Filters can be found either after or before the fuel pump and in some instances both places.

Fuel Injectors: Nearly all domestic cars made after 1986, came from the factory with fuel injection. A computer control opens the fuel injectors in order to allow fuel into the engine, that replaced the carburetor who's task 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 opens closes with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or in small particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetor work in order to mix the air with the fuel without any computer involvement. These tools are fairly 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 instead of fuel injection.