

Forklift Fuel System

Forklift Fuel Systems - The fuel systems task is to provide your engine with the gasoline or diesel it requires so as to work. If whichever of the fuel system components breaks 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. In the tank there is a sending unit. This is what tells the gas gauge how much gas is within the tank.

Fuel Pump: In the majority of newer cars, the fuel pump is normally placed in the fuel tank. Numerous older vehicles have the fuel pump attached to the engine or located on the frame rail amid the engine and the tank. If the pump is on the frame rail or inside the tank, then it is electric and works with electricity from your cars' battery, while fuel pumps that are connected to the engine use the motion of the engine so as to pump the fuel.

Fuel Filter: Clean fuel is essential for overall engine life and engine performance. Fuel injectors have small openings which can clog very easily. Filtering the fuel is the only way this could be avoided. Filters could be found either after or before the fuel pump and in several instances both places.

Fuel Injectors: Most domestic cars after the year 1986, together with earlier foreign cars came from the factory with fuel injection. In place of a carburetor to do the task of mixing the air and the fuel, a computer controls when the fuel injectors open so as to allow fuel into the engine. This has caused lower emission overall and better fuel economy. The fuel injector is essentially a tiny electric valve which closes opens with an electric signal. By injecting the fuel close to the cylinder head, the fuel stays atomized, or within tiny particles, and is able to burn better when ignited by the spark plug.

Carburetors: Carburetors have the job of taking the fuel and mixing it with the air without any involvement from a computer. Carburetors require repeated tuning and rebuilding although they are easy to work. This is among the main reasons the newer vehicles presented on the market have done away with carburetors rather than fuel injection.