

Forklift Fuel Regulators

Fuel Regulator for Forklifts - A regulator is an automatically controlled tool which works by maintaining or managing a range of values in a machine. The measurable property of a tool is closely handled by an advanced set value or particular conditions. The measurable property can even be a variable according to a predetermined arrangement scheme. Normally, it can be used to connote any set of different devices or controls for regulating stuff.

Some regulators include a voltage regulator, that could produce a defined voltage through an electrical circuit or a transformer whose voltage ratio is able to be adapted. Fuel regulators controlling the fuel supply is one more example. A pressure regulator as found in a diving regulator is yet another example. A diving regulator maintains its output at a fixed pressure lower than its input.

Regulators can be designed to control various substances from fluids or gases to light or electricity. Speed can be regulated by electro-mechanical, electronic or mechanical means. Mechanical systems for instance, such as valves are usually used in fluid control systems. The Watt centrifugal governor is a purely mechanical pre-automotive system. Modern mechanical systems can include electronic fluid sensing parts directing solenoids to set the valve of the desired rate.

The speed control systems that are electro-mechanical are fairly complicated. Used to maintain and control speeds in newer vehicles (cruise control), they usually comprise hydraulic parts. Electronic regulators, on the other hand, are used in modern railway sets where the voltage is raised or lowered in order to control the engine speed.