

Fuel Regulator for Forklifts

Forklift Fuel Regulators - A regulator is an automatically controlled device which functions by managing or maintaining a range of values within a machine. The measurable property of a device is closely handled by an advanced set value or specified circumstances. The measurable property can also be a variable according to a predetermined arrangement scheme. Normally, it could be used to connote whichever set of various devices or controls for regulating objects.

Several examples of regulators include a voltage regulator, that can be an electric circuit which produces a defined voltage or a transformer whose voltage ratio of transformation can be adjusted. One more example is a fuel regulator that controls the supply of fuel. A pressure regulator as used in a diving regulator is yet one more example. A diving regulator maintains its output at a fixed pressure lower compared to its input.

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

The speed control systems that are electro-mechanical are rather complex. Utilized so as to maintain and control speeds in newer vehicles (cruise control), they usually include hydraulic parts. Electronic regulators, nonetheless, are used in modern railway sets where the voltage is lowered or raised in order to control the engine speed.