

Fuel Regulator for Forklift

Forklift Fuel Regulators - A regulator is an automatically controlled device which functions by managing or maintaining a range of values inside a machine. The measurable property of a device is closely managed by an advanced set value or particular circumstances. The measurable property can even be a variable according to a predetermined arrangement scheme. Usually, it can be used to connote whichever set of various controls or tools for regulating things.

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

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

Electro-mechanical speed control systems are somewhat complex. They are usually used in order to maintain speeds in contemporary vehicles like in the cruise control option and usually comprise hydraulic parts. Electronic regulators, on the other hand, are used in modern railway sets where the voltage is raised or lowered so as to control the engine speed.