

Fuel Regulator for Forklifts

Forklift Fuel Regulators - Where automatic control is concerned, a regulator is a device which functions by maintaining a particular characteristic. It performs the activity of maintaining or managing 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 could also be a variable according to a predetermined arrangement scheme. Generally, it could be used to connote any set of different devices or controls for regulating objects.

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

From fluids or gases to electricity or light, regulators may be built to control various substances. The speeds can be regulated either by mechanical, electro-mechanical or electronic means. Mechanical systems for instance, like valves are often utilized in fluid control systems. The Watt centrifugal governor is a purely mechanical pre-automotive system. Modern mechanical systems may incorporate 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 to be able to control and maintain speeds in newer vehicles (cruise control), they often consist of hydraulic components. Electronic regulators, however, are used in modern railway sets where the voltage is raised or lowered in order to control the engine speed.