

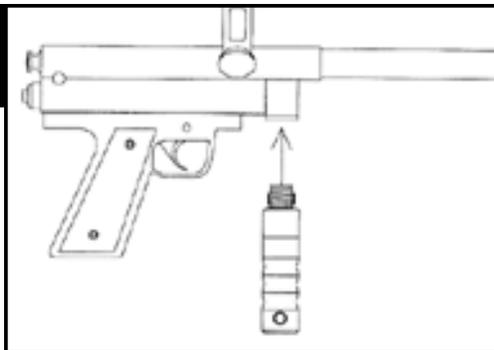
PURE ENERGY VERTICAL REGULATOR

The Pure Energy Vertical Regulator is a second stage regulator intended to be run vertically. It provides the additional adjustment and consistency demanded by the serious player, as well as a convenient forward grip. It features easily accessible adjustment, and a lower grip sleeve that swivels to simplify hose connections.

The internal configuration and spring rates were chosen to optimize the Pure Energy Vertical Regulator for input pressures in the 500 to 1200 psi range. It is designed to work with CO2 or Nitrogen. The Pure Energy Vertical Regulator's standard adjustment range allows the delivery pressure to the gun to be adjusted anywhere in the 550 to 900 psi range. If lower pressures are required, removal of the shim (4b on the exploded view) will allow adjustment from 275 to 650 psi. If even lower pressures are required, an optional light mainspring is available through any PMI authorized dealer. Any questions can be directed to PMI at 1-800-579-1633 or by email at pureenergy@pminetwork.com.

Installing the Pure Energy Vertical Regulator

The Pure Energy Vertical Regulator is equipped with the industry standard .825-14 NGO threads and O'Ring site, so it simply screws into any standard vertical bottle mount. The standard 1/8 NPT inlet port is on the lower end of the grip sleeve, and may be swiveled to allow easy connections. The user must use lines and fittings that are rated for the pressure coming from their primary regulator.

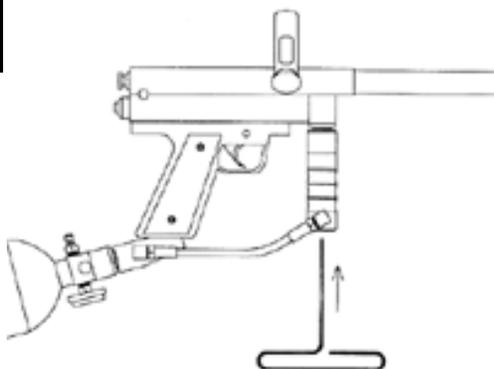


Adjusting the Pure Energy Vertical Regulator

The Pure Energy Vertical Regulator is adjusted with a 3/32" Allen Key inserted into the bottom end of the reg. Turning the Allen Key counter clockwise increases output pressure and turning it clockwise decreases the output pressure.

The user must keep in mind that when turning down the output pressure from a previously higher setting, it is necessary to cycle the gun, or otherwise vent down the downstream system so that the new setting can take effect.

Forcibly turning the adjustment down without relieving the gas pressure in the downstream system will also shorten the life of the sealing element.



There is a one year warranty against manufacturer's defects, but o-rings are almost never covered under this warranty. There are parts kits available with the low pressure spring and replacement o-rings.

Exploded View

