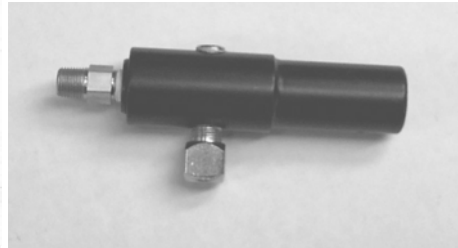


MPS Adjustable Pressure Regulators

Installation Instructions



The pin valves on CO2 bottles operate like schrader valves on a tire. Pushing down the pin opens the valve. The pin valve actuator works by pushing down on the pin when you screw the on-off knob clockwise. Since CO2 is a liquid in the bottle and the regulator can't regulate liquid, you must mount the bottle so that only gas and no liquid can get into the regulator. To install and set up the MPS Paintball Regulator assembly follow the directions below.

On the MPS Paintball Regulator Assembly turn the on-off knob counter-clockwise fully. This is the off position. Screw the regulator assembly onto the paintball bottle fully. Make sure the pressure adjustment screw is backed out fully counter-clockwise as well. Now slowly turn the on-off knob clockwise until you feel pressure. Turn it another 1 to 1 ½ turns. The pin valve is now depressed and the bottle is open. Now you can adjust the outlet pressure. You will need to do this each time you turn the bottle on.

Shown are the two styles of regulators. They both adjust the same way and have male 1/8" NPT inlet ports. The small style has a 10-32 thread outlet port with a ¼" OD poly line fitting installed. The larger "Stabilizer" has a female 1/8" NPT outlet port and a female 1/8" NPT gauge port that comes plugged. Both regulators are available with or without the on-off valve for the pin valves on paintball bottles. These directions are written for either style regulator.

Our Adjustable Pressure Regulators allow pressure adjustment of CO2 and/or Nitrogen high pressure bottles from 0 – 250 PSI. -The regulator is set with a 3/16" allen wrench. To adjust your regulator turn the adjustment screw (counterclockwise) out all the way. Turn on the supply valve and slowly turn the adjustment screw (clockwise) to raise the pressure. Caution: Do Not turn the adjustment screw quickly and purge the air several times during setting. Adjust it slowly to avoid over pressurizing and bursting your gauge. Each time you turn your bottle on you may need to purge a small amount of CO2 from the system to allow stable pressure and avoid over pressurizing.

If you have any more questions we have a Frequently Asked Questions page at our web site as well as the telephone tech support. Thank you for your purchase of this MPS product. All products sold by MPS are for use at closed course competition events and not for use on public streets or highways.