

360° Regulator Maintenance Guide

Your marker comes equipped with some of the best regulators on the market. To ensure the best consistency and the highest flow possible, it is recommended that you clean and lubricate the 360° regulator approximately every 10 cases of paint.

1. Degas the marker and ensure that there are no paintballs in the breech or barrel of the marker.
2. Remove your macroline hose from the 90° fitting on your regulator
3. Unscrew your regulator from the vertical adaptor, and set your marker down.
4. Grasp the two halves of the regulator, and unscrew the regulator base in a counter clockwise fashion.
5. Tap the regulator base on a hard, flat surface to allow the regulator piston, spring stack, spring follower to slide out of the regulator base. The main valve attached to the marker body does not need removed or serviced.
6. Inspect the surface of the piston and o-rings for excessive wear or nicks, and replace as necessary.
7. Inspect the interior walls of the regulator base—if necessary, use a swab on the interior of the regulator base to clean debris and old grease.
8. Regrease the piston o-ring with Dow 55, and gently replace the piston, spring stack, retainer o-ring, and spring follower back into the regulator base.
9. When disassembling the washer stack make sure that the top and bottom washers curve to the outside. A close up of the spring stack with the retaining o-ring is shown to the right. The retaining o-ring does not require lubrication
10. If in doubt – just stack the washers like this:)()()()



The 360 reg has the ability to rotate so that the macro fitting is in a position that is comfortable.



Disassemble the regulator by unscrewing the top and bottom halves then removing the internals. Tapping the bottom half into your hand will help the washer stack slide out



The shim stack disassembled. The retainer o-ring is the only one in the marker that does not get lubed.



Removing the adjustment screw from the bottom of the regulator is optional at this point. Really. If it makes you feel better remove it and use a cotton swab to wipe out the inside.

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Velocity Adjustment: The velocity of your marker is controlled through the 360° Regulator, which is adjusted with a 1/8" Allen wrench. Turning the screw clockwise (or inward) will increase your velocity; turning the screw counterclockwise will decrease your velocity.

Adjusting position of the macroline adapter: Loosen the set screws at the top of your 360° Regulator and gently rotate the body until the macroline adapter is in the position you prefer. Simply retighten the set screws to secure the regulator body in position.

Part Name	Specifications	Quantity
360° Inline Regulator Piston O-ring	016 Buna (Durometer 70)	1
360° Regulator ASA Internal Stem O-rings	014 Buna (Durometer 70)	2
360° Regulator ASA O-ring	015 Buna (Durometer 70)	1
360° Inline Regulator Swivel Lock Screws	10\32x1\4" Cup-Point Socket Set Screw	2
360° Inline Regulator Adjustment Screw	1\4-28x3\8 Cup-Point Socket Set Screw	1

