

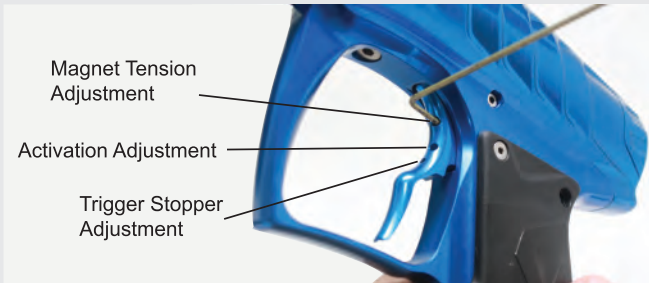
FOR COMPLETE PRODUCT MANUAL AND WARRANTY INFORMATION PLEASE VISIT [FIELDONEPAINTBALL.COM](http://FIELDONEPAINTBALL.COM)

**SAFETY WARNING!** This is not a toy. Misuse may cause serious injury or death. Eye protection designed specifically for paintball and compliant with ASTM standards must be worn by the user and persons within range. Must be 18 years of age or older to purchase. Persons under 18 years of age must have adult supervision. **READ OWNER'S MANUAL BEFORE USING. ALWAYS COVER BARREL.** Always de-gas your marker, discharging any stored gas in a safe direction, and remove the barrel, loader, air system and any paintballs to make the marker easier and safer to work on.

**TRIGGER ADJUSTMENT** - The Force has a magnetic trigger system (fig 1). To Adjust the tension of the trigger pull use a 1/16 allen wrench to adjust the magnet tension adjustment screw located in the top hole of the trigger. To lessen the magnet tension on the trigger (create a lighter trigger pull) turn the tension adjustment screw counter clockwise. To increase the magnet tension on the trigger (create a stiffer trigger pull) turn the tension adjustment screw clockwise. To change the activation point of the trigger pull (the point in the trigger pull in which the gun fires) use a 1/16 allen wrench to move the activation adjuster screw located in the middle hole on the trigger. To have the trigger activate sooner in the trigger pull turn the activation adjustment screw clockwise. To have the trigger activate later in the trigger pull adjust the screw counter clockwise. The Trigger stopper screw is located in the bottom hole of the trigger. The position of this screw determines the length of the trigger pull. In order to shorten the trigger pull adjust the trigger stopper screw clockwise. In order to lengthen the trigger pull adjust the trigger stopper screw counter clockwise.

**RHINO REGULATOR (HPR)**- The Rhino regulator is an ultra compact high pressure regulator that offers high flow and was designed to require minimal maintenance. An indication that the regulator needs maintenance is a high spike in velocity or a leak in the regulator area. To access the Rhino Regulator open the grip panels on both sides and remove the ASA and Regulator from the grip frame by unscrewing the ASA mounting screws with a 1/8 allen wrench (fig 2). Remove the reg piston and clean and grease the piston o-ring (fig 3). Clean and grease the piston housing inside the grip frame. Clean and grease the (008) o-ring underneath the c-clip inside of the brass regulator adjuster housing (fig 5). Use a cotton swab to clean the reg seat at the bottom of the brass regulator adjuster housing (fig 5). When re-assembling the Rhino Regulator make sure to clean and apply grease to all o-rings.

1. Trigger Adjustment



2. Remove ASA screws using 1/8 allen wrench



3. Remove reg piston. Clean and grease o ring, stem and housing.



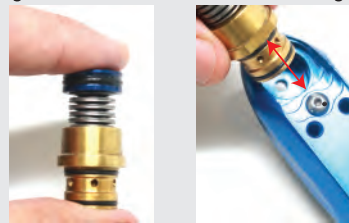
4. Remove brass adjuster housing by pressing it out of the ASA using a 1/8 allen wrench.



5. Clean and grease the o-ring inside the adjuster housing using a swab. Clean the reg seat at the bottom of the adjuster housing assembly.



6. Clean inside of the ASA reg housing and apply light grease to static o-rings. Re-assemble Rhino Regulator and re-insert into the ASA reg housing. The flat edge of the brass piston guide aligns with the rear of the ASA housing.



7. Press reg assembly and ASA back into the bottom of the grip frame and firmly tighten the mounting screws.



O-RING GUIDE

O ring 017	1	ASA filter
O ring 005	1	ASA inside Main-seal Retainer
O ring 011	1	ASA outside Main-seal Retainer
O ring 0.5x2	2	Purge Valve outside
O ring 1x12	2	Rhino Reg outside of Adjuster Housing
O ring 011	1	Rhino Reg inside of Adjuster Housing bottom
U Cup 012	1	Rhino Reg inside of Adjuster Housing top (opening faces down)
O ring 008	1	Rhino Reg inside Reg Seat Housing under C-clip and washer
O ring 014	1	Rhino Reg Piston
O ring 1x5	1	Rhino Reg Spring Stack Retainer
O ring .237 OD	1	Rhino Reg Seat Retainer (between reg seat and Reg Seat Retainer)
O ring 4.5x1.5 d90	1	Rhino Reg between reg adjuster and ASA
O ring 1x3.5	1	Gripframe to bottom of Input Manifold
O ring 1x3	1	Input Manifold (red) to Solenoid
O ring 1x3	1	Drive Manifold (black) to Solenoid
O ring 1x4.5	1	Drive Manifold (black) to Solenoid
O ring 007	1	Body to top Input Manifold
O ring 005	2	Body to top Drive Manifold
O ring 1x3	2	Engine Gas Interlock Plunger
O ring 1x2	1	Engine Ram Housing to Reduction Shaft
O ring 021	2	Engine outside Ram Housing
O ring 021	3	Engine outside rear Volume Chamber
O ring 020	1	Engine outside front Volume Chamber
O ring 017	2	Engine inside Volume Chamber to Brass Shut Off
U Cup 110	1	Engine inside front of Volume Chamber (opening faces back)
U Cup 009	1	Engine inside Ram to Reduction Shaft (opening faces front)
U Cup 011	1	Engine back of Ram to Ram housing (opening faces front)
U Cup 011	2	Engine inside Brass Shut Off (openings face away from each other)
O ring 011	1	Engine inside front Brass Shut Off
O ring 015	2	Engine outside Bolt
O ring 1x15	1	Engine Ram Housing in Between Engine Halves

MAINTENANCE SCHEDULE

This schedule is designed to prevent failure during play and promote peak level performance. As with any paintball marker, maintenance works on an "as needed" basis but is best performed on a "preventive schedule". Maintenance involving cleaning the eyes, breech and barrel will be required any time you break paintballs in that area and it is hindering the performance of the marker. **Before you play-** Check/clean barrel and breech area. Make sure the ASA is clean from debris/dirt/moisture before attaching your air system. Check/change/charge battery if battery meter is showing "LOW". Chrono your marker.

**Once a Month/ Before an Event (Approximately 40K shots from last routine maintenance)-** clean and inspect eyes and detents- replace detents if they look heavily worn, perform routine engine maintenance if there is a decline in performance. See "Engine Quick Start Guide" or watch the Force Basic Maintenance video (link)

**Once a year/ Season-** rebuild engine o-rings and seals only if there is a decline in performance, rebuild regulator o-rings only if there is a decline in performance.

Before you put your marker away after playing- wipe off external surfaces of your marker to prevent corrosion/damage. Check/clean breech area. Ensure there is no more pressure stored in the marker. Turn marker off. Store in a clean and dry area. Avoid storing your marker in extreme temperatures to avoid damage to the electronic components and seals.