

# REGULATOR INSTALLATION GUIDE

**THIS GUIDE IS FOR NEW REGULATORS MANUFACTURED BY NINJA PAINTBALL ONLY.**

Remove the plastic cap, if installed, and inspect the regulator body stem 5/8-18 threads which screw into the bottle, to ensure no damage has been caused due to shipping. **If any damage has occurred do not install the regulator and contact Ninja Paintball.**

- Inspect the threads in the cylinder and ensure that they are not damaged. Remove any debris from the threads.
- Check the threads with a 5/8-18 UNF-2B go/no go gauge.

**⚠ WARNING: INSTALLING THE INCORRECT REGULATOR ON THE INCORRECT BOTTLE MAY LEAD TO INJURY OR DEATH.**

- THE PRESSURE RATING OF BOTH THE REGULATOR AND THE CYLINDER MUST BE THE SAME.
- THE NINJA 3000 PSI & 4500 PSI REGULATORS ARE MARKED AS SUCH NEXT TO THE FILL NIPPLE. (See figure 1 and 2)
- THE 3000 PSI REGULATOR CAN BE INSTALLED ON A 3000 PSI RATED BOTTLE ONLY. (See figure 1)
- THE 4500 PSI REGULATOR CAN BE INSTALLED ON A 4500 PSI BOTTLE ONLY. (See figure 2)
- **DO NOT LUBE THE 5/8-18 REGULATOR THREAD SEALING O-RING!**
- **Using no tools**, screw the regulator into the cylinder slowly and feel for any obstructions. The regulator should thread/turn in very easy.
- If the regulator or valve becomes difficult to turn then stop and remove the regulator.
- Inspect and clean the cylinder and regulator threads.
- If the regulator does not screw in easily after cleaning the threads , do not use the cylinder **DO NOT INSTALL THE REGULATOR** damage may have occurred to the regulator and/or bottle threads.
- Check to ensure that the regulator is fully seated into the cylinder and there is no gap at the bottle neck, see figure 1 and 2.



**Figure 1: 3000 PSI Regulator**

**Figure 2: 4500 PSI Regulator**

- Once the regulator is fully installed into the cylinder by hand, torque/tighten the regulator onto the cylinder. **DO NOT EXCEED 40 FOOT POUNDS.**
- **WE RECOMMEND USING THE NINJA REGULATOR INSTALLATION TOOL AVAILABLE ONLINE FROM NUMEROUS NINJA DEALERS.**



**\* PRO V3  
 REGULATOR  
 ASSEMBLY  
 TOOL**



**\* PRO V2 &  
 STANDARD  
 REGULATOR  
 ASSEMBLY  
 TOOL**

- ASTM specification F2653-07 states that the regulator should have a minimum removal torque of 18 Foot Pounds.