

NINJA PAINTBALL
MINI FILL VALVE ASSEMBLY
REPLACEMENT November 2011

The Fill check assembly on your regulator is one of the items that will require periodic replacement. If you find that you need to replace yours, either due to leakage or mechanical damage to the OD portion, follow the procedure below:

- 1) **MAKE SURE THE SYSTEM IS COMPLETELY DE-PRESSURIZED**
- 2) **ALWAYS WEAR SAFETY GLASSES**
- 3) Using a 5/16" wrench, remove the old Fillcheck assembly.
- 4) Clean any debris and old sealant out of the port.
- 5) Inspect the female 1/8" NPT port threads for any damage. **IF THREADS ARE DAMAGED OR WORN STOP! DO NOT USE THE REGULATOR SEE AN AIRSMITH OR CALL 877-NINJAUSA** It is recommended that a go/no-go thread gauge be used to verify these threads.
- 6) A thread sealant has been applied to the threads on the new Fillcheck. Do not use any additional sealant or Teflon tape.
- 7) Make sure the strut is inserted into the Fillcheck as show below, and screw the new assembly into your regulator. Turn it in until it is hand tight, and then tighten a further 1 & ½ turns. It should not be necessary to exceed 100 inch-pounds of torque to achieve sealing. **If leaks still occur STOP contact an Airsmith or call 877-NINJAUSA**

▲ NEVER INJECT OIL INTO THE REGULATOR OR ALLOW OIL TO ENTER THE BOTTLE OIL DROPLETS WILL IGNITE WHICH MAY LEAD TO INJURY OR DEATH.

NOTE: You will notice that the strut in our NINJA Fill Valve has a groove across the "O" Ring end. This groove is essential for proper gas flow. Never replace one of our NINJA Mini Fill Valves with an item from another manufacturer. The NINJA Mini Fill Valve body ***IS NOT*** a standard QD. Always replace the complete assembly. Do not use other bodies with our strut, or other struts with our Mini Fill Valve.

