

ASSEMBLY INSTRUCTIONS DSR REBUILD KIT

1. Before disassembling the marker and DSR regulator, first remove the air tank and then remove all paintballs from the marker, barrel and loader.
2. Turn to page 36 in Paintball Marker Owners Manual 5.1 or page 34 in Paintball Marker Owners Manual 5.0
3. By hand, unscrew part #2 (NGO Top) from part #9 (Reg body Mid)
4. Remove parts: #5 (Poppet) and #7 (Spring)
5. Using a 3/32 standard allen key remove Part #13 (adjusting screw) from part #12 (Bottom Bolt)
6. Using a 1/4 standard allen key remove part #12 (Bottom Bolt) from part #10 (Bottom Swivel)
7. Remove part #10 (Bottom Swivel) from part #9 (Reg Body Mid)
8. Push part #8 (Reg Seat Base) out of part #9 (Reg Body Mid)
9. Place new O-ring #11 (Bottom Bolt O-Ring) over threads at the base of #12 (Bottom Bolt)
10. Insert new part #12 (Bottom Bolt) into part #10 (Bottom Swivel)
11. Place new O-ring #17 (Interior Bottom Bolt O-Ring) onto new part #12 (Bottom Bolt) in slot at middle of threads.
12. Using a 3/32 standard allen key screw new part #13 (Adjusting Screw) into new part #12 (Bottom Bolt) stop when you see #13 (Adjusting Screw) is flush with the top of part #12 (Bottom Bolt)
13. Oil O-rings on new part #8 with 100% synthetic paintball gun oil (PMI or Extreme Rage)
14. Insert new part #8 (Reg seat base) Large metal section down into part #9 (Reg Body Mid)
15. Oil O-rings on new part #5 (Poppet) with 100% synthetic paintball gun oil (PMI or Extreme Rage)
16. Insert new part #5 (Poppet) into new part #7 (spring) and insert unit #5 and #7 spring first into #9 (Reg Body Mid)
17. By hand screw #2 (NGO Top) onto #9 (Reg Body Mid)
18. Using 1/4 standard allen key screw unit of #12 (Bottom Bolt) and #10 (Bottom Swivel) into #9 (Reg Body Mid)
19. Place two wraps of Teflon tape or plumbers tape onto stainless steel braided hose before reinstallation.
20. To adjust hose position loosen #12 (Bottom Bolt) then position hose to desired location and retighten #12 (Bottom Bolt)
21. Reassemble DSR into gun set pressure between 300psi and 500psi
22. Go play paintball