



ALLIANCE HOBBY

36 S ARCH AVE UNIT 2283
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Crosman 22xx OEM or Power Valve Installation

- 1) Remove any Powerlets from the gun and dry fire to ensure there is no charge left.
- 2) Loosen barrel band with 5/64" hex wrench (not included).
- 3) Cock and lock bolt in rear position to display the tiny front breech screw.
 - a. Loosen with .050" hex wrench (not included).
 - b. If you strip the head (which is common), this kit works perfectly
 1. <https://goo.gl/E55OLa>
- 4) Remove rear sight screw with flat head screwdriver.
- 5) Breech and barrel are now free to be removed.
 - a. Be careful not to scratch barrel on barrel band.
- 6) Remove aluminum transfer port bushing (what's sticking out of the top of the barrel) and rubber sleeve that the bushing sits in.
- 7) Remove grip frame assembly with #2 square bit (not included) or less preferably a flat head screwdriver.
 - a. There is a very tiny spring and even smaller ball bearing that will immediately fall out if you tip the grip frame on its side. You're going to lose them. It happens.
 - b. To make sure you don't, cup your hand over the trigger and let the spring and bearing fall into your hand. Keep them safe for now.
- 8) Remove piercing stem from front of main tube.
- 9) Remove valve screw from bottom-center of main tube.
- 10) Valve is now free to slide forward out of the main tube. Tap against your hand or soft wood, if necessary.
- 11) Installation of new valve is simply a matter of sliding it into the tube and aligning screw hole with hole in bottom of main tube.
 - a. Remember, the valve's threaded hole points down with the valve's exhaust hole pointing up. It's easy for beginner's to reverse this and have to tear their gun apart again.
- 12) After valve is installed, reassemble gun in reverse order of above.
 - a. The trigger safety bearing goes in first, then the spring.
 - b. The long grip frame to main tube screw goes up front. The shorter one in the rear.