Chip Installation Slide Switch and LED

Make a note of the chip's #1 pin position. This is marked by a small half moon notch on one end of the chip. The new chip must be aligned in the same manner. (#1 pin will be placed in the same location as the old chip.) You are now ready to remove your current chip from your current board. This is done simply by using a mini-flathead screwdriver and carefully prying under the end of the chip to gently lift it out. Be sure to only lift the chip a small amount, one end at a time, until it has been completely removed.

To install the new chip, place the chip on the socket and make sure all the pins will slide into their respective holes. If the pins do not line up, you may need to adjust the pins by gently bending them. Be sure the #1 pin is the same position as the previous chip. Gently press the ship into the socket. You are now ready to test the gun.

Using The Dip Switch Setting Sheet

The white block with the small black square in the middle represents the head of the switch. For example, we recommend starting at 12 millisecond forward pulse with a 55 millisecond back time.. (1=off, 2=off, 3=off, 4=off) this is the equivalent of 14.92 BPS. You may need to adjust your pulses by using the instructions below.

LCD Setup

LCD computer does not require a new chip. Install the bolt and simply adjust the forward back pulses. Try starting a forward pulse of 12 milliseconds and a back pulse of 55 milliseconds. You may need to adjust your pulses from this point by using the instructions below.

Proper Setup To Determine The Most Effective Pulse Settings

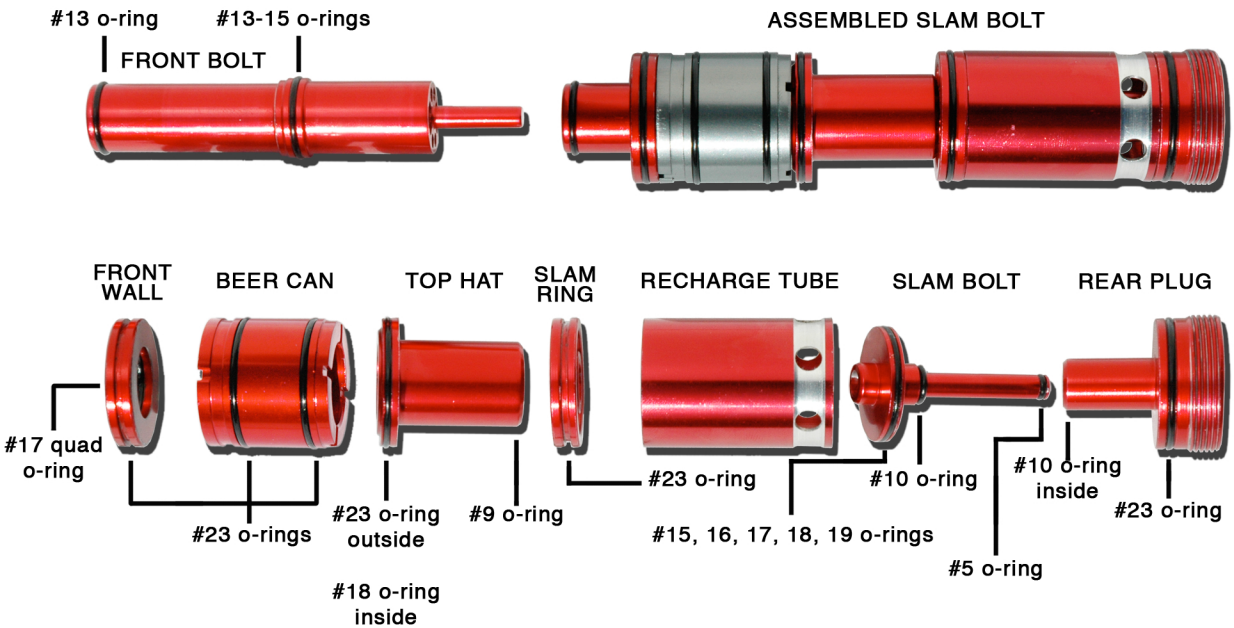
Once you have chosen your forward and read back pulse check to see if the bolt is making a full stroke forward and back. To do this, you will need to remove the breech and rapid fire your market (with air). Watch to see that at a high rate of fire, the bolt is making a full extension and retraction. If the bolt is not fully extending, you will not hear a proper shot signature. To improve this, try increasing the forward pulse. If your bolt is not fully retracting at a high rate of fire you will need to increase your back time to allow proper ball feeding.

In colder weather, you may also need to increase both forward and back pulses to compensate for the lack of viscosity of the grease in your o-rings. Remember, increasing you pulse width with the slam bolt does not negatively affect your shot count.

AARDVARK SLAM BOLT

SLAM BOLT O-RING GUIDE

Numbers 15 & 16 o-rings are used to drop the markers input pressure (use a 16 inch barrel with a proper paint to barrel match for best effect). O-rings 17,18 & 19 are used to maximize shots per tank. The larger the o-ring the more shots you will get.



NOTE ABOUT THE 15-19 O-RING SIZES

The Slam bolt will not actually seal around the recharge tube when using the 15-17 size o-rings. Do not be concerned as this is intentional. Only the size 19 and sometimes 18 o-rings fully touch the recharge tube.