



www.21stcenturyinnovation.com

Product: Single-stage Super Precision Priming Tool-S.S.

Product ID: 1206-125

The 21st Century Single Stage Priming Tool is the smoothest and most consistent priming tool on the market. The body (Figure 1 – A) is constructed of CNC machined stainless steel and there are no injection molded or stamped parts anywhere in the product. The handle (Figure 2 – B) is constructed of anodized aluminum and shell holders (Figure 1 – D) are constructed of stainless steel, machined to aerospace tolerances. As a result, the punch and shell holder are perfectly in-line and concentric giving consistent results every time you seat a primer.



Important

- Always point the case mouth away from you and in a safe direction when seating a primer.
- Handle should be pressed with the thumb as shown in the second half of figure 2.
- Never seat a primer in a charged case.

Adjustments/Setup

Your new priming tool comes fully assembled. All you need to do to begin using it is ensure it is adjusted properly. Primers should always be seated against the bottom of the primer pocket with care taken not to mash them. To adjust the seating depth, turn the knurled head (Figure 1 – E) clockwise as far as it will go then back it out 10 clicks. This will put you very close to a proper adjustment. Next, seat a primer and note the depth and feel. If the primer needs to seat deeper, turn the knurled head clockwise. If the seating feel tells you the primer was fully seated before the end of the stroke, turn the knurled head counterclockwise. Each click of the knurled head will adjust the seating stem .00125".

Changing Shell Holders

Turn the knurled head counterclockwise until it can be removed from the body. The shell holder sits on top of the seating stem housing. Simply slide it out and replace it with another shell holder of the same type (i.e. large primer or small primer). Replace the knurled head turning it clockwise until it stops. See the instructions above for proper adjustment.

Figure 1 – Priming Tool Components

Changing the Seating Stem

Priming tools are shipped with seating stems for both large and small primers. To switch from one to the other, unscrew the knurled head by turning it counterclockwise until it can be removed from the body. Remove the shell holder and set it aside. Cup your hand and tip the seating stem out of the body into the palm of your hand, being careful not to lose the spring contained within the seating stem (Figure 2). Note: springs are punch specific. Place the alternate seating stem into the housing and slide the desired shell holder over the seating stem housing. Replace the knurled head by screwing it in clockwise and adjust as described above.

Figure 2 – Seating Stem Removal; Proper Operation

