

LASER POINTER KIT

Instructions

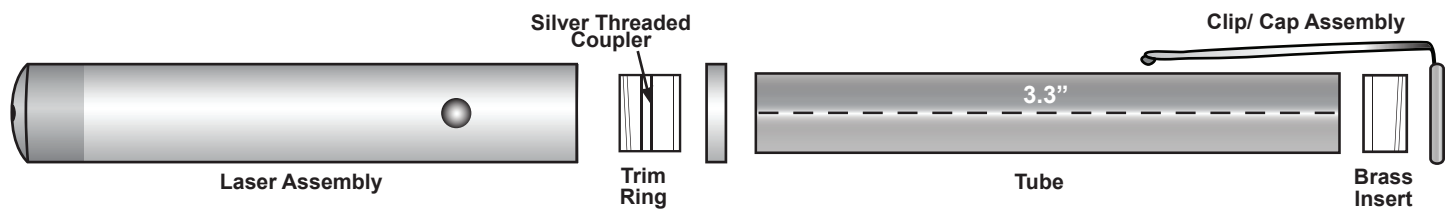
Kit Features

- Green Dot Laser
- Overall length: 6-1/4"

Required Accessories & Materials

- 7mm mandrel
- 2-pc. Laser bushing set (PKLASER-BU)
- Drill bit –.492" (DB.492)
- Universal trimming kit (BTRIMKIT9) w/ optional Barrel Trimming sleeve (PKMAJJRBTS)
- Glue (We recommend the thick "gel" CA glue—GTHICK2)
- Sanding and finishing supplies
- 2 AAA Batteries

Diagram A - Parts and Assembly



BLANK PREPARATION

The Laser Pointer has a single tube measuring 3.3". **Cut** your blank approximately 1/16" longer than the tube to allow for squaring with the barrel trimmer. Use a medium drill speed to **drill** the blank. Raise the bit from the blank every 1/4" to 1/2" to allow the chips to clear from the flutes of the drill bit. Don't force the drill bit; use an even pressure and let the bit do the work. After drilling the blank, **sand** the exterior of the brass tube to roughen its surface and use CA **glue** to glue the tube inside the blank. Sand or barrel trim to **square** the ends of the blank.

TURNING THE LASER POINTER

Set up the mandrel as shown in Diagram C. The Laser's upper and lower bushings both have an outside diameter of .57" (see Diagram B). **Turn** the pen blank to the bushing diameter at the ends. **Sand** with abrasives and **finish** with your choice of polish.

ASSEMBLY

(Line up finished parts according to Diagram A)
To avoid damage to components when assembling, use a vise with covered jaws or one of WoodTurningz' pen presses.
*Additionally, **do not press against the laser assembly** (see #2).*

1. Unscrew the brass insert from the clip/cap assembly. Press into one end of the completed barrel.
2. Place the plated trim ring onto the silver threaded coupler (opposite end of the threads). Press Trim Ring/Coupler (to the midpoint line) into the opposite end of the completed barrel with brass insert.
3. Screw on the clip/cap assembly.
4. Insert 2 AAA batteries into the barrel.
5. Screw the laser into the silver threaded coupler.

2 AAA Batteries (positive end toward the clip assembly)

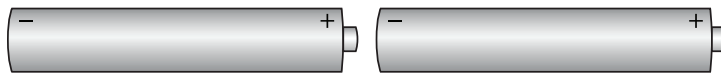


Diagram B - Bushings

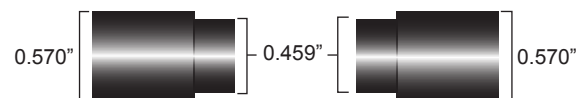


Diagram C - Turning the Pen

