



**EYE
PROTECTION
MUST BE WORN**

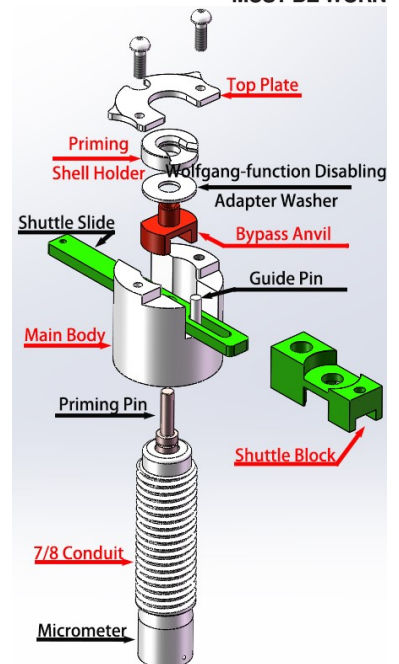
WARNING:

Eye protection must be worn as Primers are Explosive!

Thank you for choosing "PCPS-WOLFGANG Priming Die".
Please read these instructions before priming your brass.



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How to install your PCPS-WOLFGANG

1. Un-Screw the blue Main Body from 7/8 Conduit. Drop the Priming Pin of appropriate size from above. Hand tighten and screw back the Main Body.
2. Remove one of the two bolts above the Top Plate. Loosen the other bolt until the Top Plate can rotate freely.
3. Place the appropriate Shuttle Slide with S/L engraving facing Upwards. The Main Body's Guide Pin must go through the oval hole on the Shuttle Slide.
4. Position the appropriate Bypass Anvil on top of the Shuttle slide. **DO NOT USE the WDA-Washer**(Wolfgang-function Disabling Adapter Washer) if you intend to use base referencing Wolfgang mechanism.
5. Position the appropriate Shuttle Block on top of the Bypass Anvil. The Shuttle Slide should slide freely in the bottom groove of the Bypass Anvil & Shuttle Block.
6. Rotate the Top Plate to the side; a recess on the Top Plate will allow the installation of the priming shell holder. Securely lock the two bolts on the Top Plate.
7. Connect the Shuttle Slide Spring to the hook located at the bottom of the Shuttle Slide.
8. **Firmly mount & lock** the PCPS onto the press to prevent rotation, similar to a reloading die. Aim to expose more of the Micrometer below for easier adjustment. **Set PCPS at CAM-OVER point if seating harder primers.**
9. Install the Anvil onto the ram rod of your press, following the same procedure as installing a shell holder.

Warning: It is crucial that you DO NOT Mix and Match any Small primer parts with any Large primer parts. Mix and match installations in this manner will result in damage that is not covered by the warranty. Make sure to use parts with "S" engraving for Small primers and "L" engraved parts for Large Primers.

How to set and use your PCPS-Wolfgang

1. Rotate the Micrometer counterclockwise to its highest position. Inspect the filled primers to ensure correct orientation. Insert the filled Primer Tube into the designated 8mm hole on the Main Body. Release the primers into the PCPS by pulling the clip pin.
 2. Press the Shuttle Slide to test-load a primer. Operate your press lever and confirm whether you see a primer elevated with the Priming Pin.
 3. Loosen the blue Main Body to lower the bypass anvil and insert a brass. Finger-tighten the top plate(via crescent cutout) to raise the anvil and set the datum against the brass base. Prime, then loosen the Main Body to release.
 4. Seat a primer into the brass and verify it is flush with the base. Maintain gentle leverage on the press. Turn the Micrometer down to the dead stop position against the anvil. Adjust Micrometer as needed until the desired primer seating depth is achieved.
 5. The detent-locked Micrometer should remain stationary during primer seating operations. However, for added assurance, you have the option to lock one or all three of the black grub screws. These grub screws are brass-tipped, and it is crucial to apply gentle force when locking. Excessive tightening may result in the accumulation of brass shavings in the grooves and could potentially damage the smooth operation of the detent clicks.
- Gentle consistent twist tightening is essential to achieve consistent seating depth. Finger tighten the Main Body by gently finger twisting the thumb curve cut on the Top Plate. Try NOT to tighten by twisting the Shuttle Slide!

To speed-prime with Rim-Reference and turn your PCPS-Wolfgang back to a regular PCPS, position the WDA-Washer (Wolfgang-function Disabling Adapter Washer) IN BETWEEN the Bypass Anvil and Shuttle Block.

Warning: Use gentle force when tightening the black brass-tipped grub screws on the Micrometer. Excessive force may result in brass shavings accumulation, potentially damaging the detent clicks. This damage is not covered by the warranty.

Useful Tips:

1. **Avoid using fluid/grease lubricants in the 7/8 conduit bore.** Clean the 7/8 conduit bore if Priming Pin can not gravity-drop freely, clean the bore similarly to cleaning a barrel, using a cloth patch or bronze brush with or without solvent. If needed, apply a small amount of graphite using a solvent-wetted Q-tip (eg: Isopropyl/Methylated Spirits/Acetone).
2. If you accidentally drop the priming pin on a hard floor, causing it to no longer drop freely with gravity, you can fix this by carefully lapping off the dents or scratches with #1000 sandpaper. Ensure that you wipe off any residue grits on the pin before reinstalling it back into the conduit.
3. Do not attempt to unscrew the Torx Detent Screw on the Micrometer, as doing so may cause permanent damage not covered by the warranty. In the unlikely event that you want to remove the detent screw, you must heat up the Micrometer to release the high-strength thread Locktite. Please note that this action is at your own risk. When reinstalling the detent screw, partially screw it in first, then apply high-strength thread Locktite to the exposed threads. Applying Locktite into the hole threads before screwing in the detent screw can permanently damage the delicate detent screw. Screw in the detent screw until it reaches the end and then back it off 1/4 to 1/3 of a rotation.
4. If you cannot seat the primer below flush, it means the leverage and seating force are insufficient. This is likely caused by hard primers, as some brands are considerably harder than others. To achieve maximum leverage, set the PCPS at the Cam-Over point on your press.

The PCPS-Wolfgang is named after a smart mechanical engineer, Mr. Wolfgang Wollmer, from Worms in Rheinland-Pfalz, Germany. Mr. Wolfgang Wollmer sent us his genius idea for the bypassing mechanism in March 2024. The PCPS-Wolfgang would not have been possible without his brilliant contribution.

Mr. Shuai Li of Derraco Engineering designed the second prototype of the Bypass Anvil, a genius solution that resolved the rotation and friction issues.

The PCPS-Wolfgang stands out as another revolutionary product, achieving the base-referencing function that many F-Class reloaders have been complaining about. Our team dedicated months to its development and manufacturing processes, and we take great pride in delivering this remarkable product.

This PCPS-Wolfgang Precision Priming Die is made in China with globally sourced parts.

Engineered in Australia, China and Germany by Mr Wolfgang Wommer and Derraco Engineering team.

Visit www.derraco.com.au for more information

Email: derracoppc@gmail.com

Thank you for purchasing our amazing PCPS-Wolfgang. We hope you were astonished by the quality and the ideas, and enjoy the ease of use.

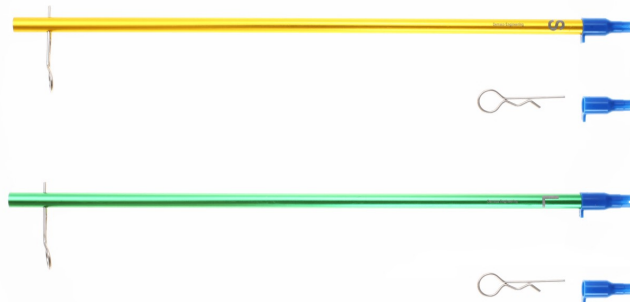
Cheng Fei (studied Civil Engineering in University of Tasmania)

Shuai Li (studied Mechanical Engineering in Tomsk State University)



Deraco Engineering Competition Priming Shell Holders are available in five sizes and their families (223Rem, 308Win, 7.62*39mm, 300Win Mag, 338Lapua Mag), stand out for their tighter horizontal plane tolerance. Unlike some competitors, our shell holders exhibit minimal horizontal wobble and sloppiness. These holders are CNC turned and milled from 420 stainless steel, Hardened to HRC48-53. They are also designed to fit Lee, Frankford Arsenal, and other priming tools using Lee Standard priming shell holders.

We also produce primer tubes that are color-coded for easy identification. Our Clip Pins are specially designed for easy insertion and removal, made from durable 304 stainless steel. The plastic pickup heads have been custom designed to enhance feeding reliability and minimize the risk of primer flipping.



If you want to use PCPS-Lite with your Forster Co-Ax® reloading press, we have you covered! We've designed an adapter set that makes it easy to use PCPS-Lite on your Forster Co-Ax® press. (Forster Co-Ax® is a trademark of Forster Products)