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Open article text here It's all about maintaining consistent case preparation techniques to create top-notch handloads with the help of computers, lubrication, trimming, chamfering, and deburring. Your Power Unit is backed by a two-year limited warranty covering defects in material or workmanship from the date of purchase. However, this warranty only applies to the original consumer purchaser and is void if used for commercial purposes. To view warranty services, you must return the defective product to Ammunition Accessories Inc., Oroville operation, along with a dated proof of purchase. Please note that this lifetime limited warranty covers defects in material or workmanship but does not cover damage resulting from careless use, misuse, commercial use, abuse, improper installation, modification, or normal wear and tear. The implied warranties of merchantability and fitness for a particular purpose are limited to the duration of this warranty. Before using the RCBS Trim Pro—2 Power Case Trimmer, read these instructions carefully to ensure safe operation. Failure to follow proper assembly and use procedures can result in personal injury or equipment damage. Your Trim Pro Trimmer is warranted to be free from defects in material or workmanship for its entire lifespan with purchase by an individual. However, any commercial use of RCBS products voids the warranty. If you believe your Trim Pro Trimmer is faulty, send it to Oroville Operations for a free evaluation, along with proof of purchase. They'll repair or replace it at their discretion. Include the product and a dated receipt from Ammunition Accessories Inc. to cover return shipping costs. Please note that this lifetime limited warranty excludes damages caused by misuse, commercial use, or wear and tear. The implied warranties of merchantability and fitness for purpose are only valid during the duration of this warranty. In some states, limitations on incidental and consequential damages may not apply. This warranty is your sole recourse in case of a defect in material or workmanship. WARNING: Failure to follow these instructions can result in severe injury or equipment damage. Before using the RCBS Trim Pro—2 Power Case Trimmer, carefully read and understand how to safely operate the reloading equipment. If you have any questions during assembly or operation, contact us at 1-800-533-5000 (Monday - Thursday, Pacific Time) or email rcbs.tech@atk.com. The lifetime limited warranty ensures that your Trim Pro Trimmer is free from defects in material or workmanship for the life of the original consumer purchaser. However, any commercial use or abuse will void the warranty. To make a claim, return the product to Ammunition Accessories Inc., Oroville Operations (605 Oro Dam Blvd East, Oroville, California 95965), postage paid, along with proof of purchase. This warranty does not cover damage resulting from misuse, commercial use, or normal wear and tear. Some states may have different limitations on incidental or consequential damages, so the above limitation or exclusion may not apply to you. • The original canister should be checked for the manufacturer's label and discard any mixed powders or those of uncertain identity. • When using a powder measure, replace the lids on both the powder hopper and powder can after filling, and settle the powder before charging cases. Test at least ten charges to ensure accuracy. • After reloading, pour remaining powder back into its original factory container to preserve identity and shelf life. • Do not smoke while reloading. • Keep records of reloads, labeling each box with date produced, primer, powder, and bullet used. • Never attempt to guess the identity of your ammunition, as RCBS assumes no responsibility for its use. • Use the Trim Pro—2 Power Case Trimmer to cut cartridge case length according to manufacturer recommendations. • Follow safety rules when reloading, including using equipment as recommended, studying instructions carefully, avoiding shorts, and maintaining good housekeeping. When working in your area, keep all tools and parts tidy and organized. Clean up spills from primer and powder right away. Only reload when you're fully focused. Avoid recharging when tired, sick, or under the influence of medication or booze. Develop a reloading routine to prevent mistakes that could be hazardous. Don't rush - load at a leisurely pace. Always wear protective eyewear to shield your eyes from flying particles. When loading cartridges, it's crucial to trim cases back to the recommended length to avoid safety issues. Check your cartridge's specifications in the Speer Reloading Manual or on RCBS' website. Failure to follow case length guidelines can lead to excessive pressure increases and potential injury. The Trim Pro-2 ensures consistent trims with a square cut, making it easy to switch between calibers and providing years of trouble-free service. To ensure safety while reloading, follow these guidelines: • Use equipment as recommended by the manufacturer • Study instructions carefully and familiarize yourself with the product's operation • Avoid shortcuts and maintain good housekeeping in your reloading area • Reload only when fully focused and avoid distractions like fatigue or substances that impair judgment • Develop a routine to prevent mistakes and never rush the loading process Wear adequate protection to safeguard your eyes from flying particles. Always use laboratory-tested data and follow all warnings about maximum listed loads. DO NOT store more than one powder can on the workbench at a time. Store them away from the bench to avoid picking up the wrong one.Rewrite text here After trimming a case, use an RCBS Debur Tool (sold separately) to chamfer and debur the mouth inside and out. An optional Three-Way Cutter Tool (sold separately) can be used on the Trim Pro-2 unit to combine trimming and chamfering in one easy operation. To order or learn more, contact RCBS or visit our website (www.rcbs.com). UNPACKING Carefully unpack your new Trim Pro-2 Power Case Trimmer by identifying parts as follows: 1/8 Hex Key Wrench, 5/64 Hex Key Wrench, Case Holder Lever Pin, Motor Handle Shoulder Bolt, #10 x 1" L Wood Screws, Pilot Bag with various calibers, and Parts Bag. Universal. ASSEMBLY Reference the part schematic on page [insert page number] for more information. To assemble the Case Holder Handle, insert it into the slot on the Case Holder, align the holes, and insert the Lever Pin (Photo 1). Ensure the Lever Pin is fully inserted and engaging both sides of the slot in the Case Holder (Photo 2). CAUTION Leave the Power Case Trimmer unplugged until you have read all the instructions and are ready to trim cases. and ensure it is perpendicular to the Motor Housing (Picture 3). Insert along the left side of slot.On backside of Motor Unit, align the Motor Handle with hole in Motor Base Plate. Install Motor Handle Shoulder Bolt and tighten using 5/64" Hex Key Wrench (Picture 4). Picture 3. Motor Handle in Left Side of Slot Picture 4. Install Shoulder BoltCheck to verify the Motor Handle is to the left of Center Pin on bottom of Motor Unit (Picture 5).Caliber PilotFully insert appropriate sized Case Trimmer Pilot into end of Cutter Head. Securely tighten setscrew on Cutter using 1/8" hex key wrench (Picture 6). Pilots are interchangeable and available in various sizes. Each Pilot is machined to caliber size of resized case mouth. Snug fit helps eliminate case wobble and ensures alignment of case while it is being trimmed. Picture 5. Motor Handle Installation LocationPicture 6. Installing PilotBack OfPower UnitMotorHandleMotor UnitCenter PinMotor HandleShoulder BoltRC257 TrimPro2 Instructions.indd 8-9 2/10/12 4:00 PM Page 9Installation Note: Reference part schematic on page 11 for more information.CAUTION Leave Power Case Trimmer unplugged until you have read all instructions and are ready to trim cases.Mount the TrimmerSecurely mount Trim Pro—2 Power Trimmer to reloading bench at location of your preference. Use six wood screws provided, or other suitable method (Picture 7). Allow sufficient room around Trimmer to operate it comfortably and safely.FUNCTIONCAUTION First flip Main Power Switch to "OFF" position (Picture 8).Picture 7. Mounting TrimmerPicture 8. Main Power Switch OFFMain Switch"OFF" PositionPlug Power Cord into grounded 120VAC outlet.Slide Motor Handle to right, then up, then back to left (Picture 9) to lock it in "Off" position. Motor Handle will slide entire Power Unit and Cutter Head with it. This entire assembly is spring-loaded to put positive Mounting and Operating the RC257 Trimmer The first step is to mount the trimmer securely on a reloading bench, ensuring it is at a comfortable distance for operation. The motor handle should be locked in the 'off' position before plugging in the power cord. To turn on the device, flip the main switch to the "off" position and then slide the motor handle to the right, up, and left to secure it in place. Once the device is turned on, the operator must first insert a resized case into the universal case holder by pushing down on the lever with one hand while inserting the base of the case with the other. The case should be flush with the face of the case holder. The trimmer can then be operated by sliding the motor handle to the right, up, and left, maintaining control until the pilot and cutter engage the mouth of the case. The operation is complete when the sound of the motor changes, indicating contact between the adjustment bushings and the cutter guide. After completing the trimming operation, the operator must slide the motor handle to lock it in the "off" position and then remove the trimmed case from the universal case holder by pressing down on the lever and lifting out. Finally, the inside and outside of the case mouth can be chamfered and deburred using an RCBS Debur Tool or a three-way cutter tool. Given text information to be paraphrased and rewritten according to selected rewriting method. With the Main Power Switch "off" and the Motor Handle in its "off" position, install a sized case into the Universal Case Holder, ensuring the correct Pilot is in place. Loosen the setscrews on both the Coarse Adjustment Bushing and Fine Adjustment Bushing, then unscrew the Fine Adjustment Bushing 5-7 turns. The Main Switch remains off while unlocking the Motor Handle by sliding it to the right, down, and left, maintaining control until the Pilot enters the case mouth and the cutter blades stop. To adjust the trim length, first calculate the amount of brass to be removed from the case based on the manufacturer's specifications. Next, turn the Fine Adjustment Bushing by that amount, as each line represents about 0.001" and a full turn is around 0.025". Tighten the setscrew and turn on the power switch with the sized case reinstalled. Check the length after trimming and make any necessary adjustments until you achieve the desired result. For future setup, save a trimmed case in a known location as a reference point to easily set the Bushing Assembly position on the Cutter Shaft. Occasionally clean the Trim Pro-2 Power Case Trimmer of brass shavings and debris to keep it running smoothly. Lubricate the trimmer after trimming around 300 cases or before long periods of storage with a light-weight multi-purpose grease at specific locations, such as the Cutter Shaft, Fine Adjustment Bushing Face, Case Holder Lever Contact Surface, and others shown in Photos 20-23. The Trim Pro Three-Way Cutters come with various calibers, including .17 Cal., .270 Cal, and others. Each caliber has its own replacement parts, such as cutter heads and pilots. The trimmer also comes with accessories like lubricants for the motor guide rods and contact surface of the motor unit. The instructions require lubricating the motor guide rods at four specific places and the contact surface of the motor unit center pin on the bottom of the motor. Trim Pro Accessories are sold separately. Additionally, there is a list of parts and quantities required for the trimmer assembly: • Mounting plate: 12 • Base: 13 • Compression pin: 14 • Case holder shelf: 15 • Actuating rod: 26 • Belleville washer: 67 • Spring holder: 18 • 10-32 hex nut: 59 • APS HPT case pawl spring: 110 • APS HPT case holder left: 111 • APS HPT case holder right: 112 Other parts include cutter guide, cutter shaft, cutter head, fine and coarse adjustment bushings, setscrew, handle lever assembly, handle lever pin, motor base plate, guide rod, retaining ring RS II, and retaining ring. **Component List** The following parts are included in the TrimPro2 equipment package: • 30 compression springs (model #7186138) • 231 Delrin bearings (model #7786113) • 432 motor supports (model #7786111) • Various other components, including roll pins, micro control switches, motors, fans, screws, washers, jumper wires, and more. **Motor and Trimmer Components** The TrimPro2 equipment package includes a range of motor and trimmer components, including: • Motors (120VAC) and fans • Power cords and couplings • Half couplings for trimmers and motors • Flex couplings for power shafts • Oetiker clamps **Handle and Lever Components** The TrimPro2 equipment package also includes a range of handle and lever components, including: • Handles with grip • Handle stops • Shoulder bolts • Thumb screws • Lever assemblies and pins **Base and Case Components** The TrimPro2 equipment package includes various base and case components, including: • Mounting plates • Bases • Compression pins • Actuating rods • Case holder shelves • Springs and washers for the APS HPT case **Cutter Guide and Head Components** The TrimPro2 equipment package includes various cutter guide and head components, including: • Cutter guides • Cutter shafts • Cutter heads • Fine adjustment bushings • Coarse adjustment bushings **Other Components** The TrimPro2 equipment package also includes a range of other components, including: • Strain reliefs • Retaining rings (RS II and small) • Setscrews • Hex nuts • Lock washers I recently acquired the TrimPro2 case trimmer, and after some initial frustrations, I'm extremely satisfied with its performance. The device has a user-friendly design and is relatively easy to operate, even for an amateur like myself who's been reloading for just over a month. Initially, I encountered issues with .223 Remington and 5.56mm NATO brass fitting over the .22 caliber pilot, but after some trial and error, I discovered that lining up the cases perfectly in the spring-loaded shell holder wasn't necessary; simply placing them reasonably straight and adjusting the pilot accordingly resolved the problem. The trimmer has proven to be a valuable addition to my reloading setup, allowing me to work efficiently and accurately. I've been checking every tenth case and have found it holds settings perfectly with minimal maintenance required. The device has significantly reduced my trimming time, enabling me to process around 3,000 cases in just a short period. One of the most significant advantages of using the TrimPro2 is that it's helped me reduce my costs by allowing me to reload my AR-15 ammunition at a lower cost than purchasing new rounds. However, I did encounter some difficulties with certain types of brass, including American Eagle 5.56mm rounds and even my own once-fired cases. After conducting further research, I discovered the issue was related to the resizing/decaping dies rather than any inherent problem with the trimmer itself. In conclusion, the TrimPro2 case trimmer has been a game-changer for me as an amateur reloader, offering exceptional performance and value for its price. Despite some initial hiccups, I'm confident that this device will continue to provide reliable service for years to come. I'll get straight to the point without delving into the numerous tests I conducted in an attempt to resolve this issue; here's why and how I solved it. Like many .223 loading die users, I've experienced countless stuck cases and tried various YouTube fixes. The primary challenge with freeing stuck cases is that the decap pin can't be screwed out through the top, while the stuck case prevents removal via the bottom. Initially, I attempted to liberate the case using liberal WD40 coating, vise grips, and a vice, but none of these methods worked. Moving on, I drilled out the cap hole and utilized a small butane torch to heat the case; however, this resulted in damage to the die. After reviewing YouTube tutorials, I discovered that inserting the die into a vise and utilizing needle nose pliers to remove the decapping pin through the top was effective. This method worked consistently for me. **However, this brought up another crucial aspect:** when drilling the primer hole, it's essential to use a 7/32" bit, tap the hole with a 1/4" tap, and thread a 1/4" bolt with 20 gauge threads, along with a spacer and washers. The key takeaway is that this method has worked every time for me. Nonetheless, I'll emphasize the importance of regularly inspecting your decapping pin collet to avoid trimming difficulties. In my case, the undersized collet caused issues during trimming. To overcome this, I installed an Expander Decapping Pin assembly and re-ran the sizing die through it, which ensured seamless trimming. **In conclusion:** Adopt the 1/4" tapping/threading fix I outlined, as it's a tried-and-true method for resolving stuck cases. While using this approach, also change your decapping pin collet periodically to avoid potential issues. While testing accuracy at various distances, the issue arose when the .35 caliber pilot refused to fit into the case mouth of a 9mm brass cartridge, despite its supposed correct size. Mathematically, the ratio of 9mm to 25.4mm yields 0.354330708661, suggesting it might pass through, but in reality, it didn't work even after numerous attempts. A digital caliper confirmed the pilot's diameter was too large to enter the case. This problem may be revisited later, but for now, I'm satisfied with my .45 ACP and 5.56mm rounds, which outperform many commercial ammo products I've used. My ultimate goal is to find perfect ammunition matching for each firearm. Well-made, easy to use, and delivering consistent results are key benefits, making this product highly recommended.

Rcbs pro trimmer. Rcbs trim pro 2. Rcbs trim pro 2 case trimmer. How to use rcbs trim pro. Rcbs trim pro 2 review. Rcbs trim pro 2 manual case trimmer. Rcbs trim pro 2 manual case trimmer kit. Rcbs trim pro 3-way cutter. Rcbs trim pro.