

# QUELL P, P-S SUPPRESSORS



**WILSON COMBAT**

OPERATION &  
SAFETY MANUAL

# **QUELL P, P-S**

## **SUPPRESSORS**

### **Operation & Safety Manual for QUELL P, P-S Suppressors**

Technical Questions

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# WARNING:

BEFORE USING ANY FIREARM WITH THIS SUPPRESSOR, READ, UNDERSTAND AND FOLLOW THESE INSTRUCTIONS. ANY FIREARM SHOULD BE CONSIDERED LOADED AND READY TO FIRE UNTIL YOU REMOVE THE MAGAZINE AND VERIFY THAT THE CHAMBER IS UNLOADED.

If there is anything you do not understand, get assistance from a qualified gunsmith in the safe handling and maintenance of firearms or suppressors.

This instruction manual should always accompany this suppressor and be transferred with it upon change of ownership, or when the suppressor is loaned or presented to another person.

Nothing can ever take the place of proper instruction and training. We recommend beginning with an NRA training course near you. For more information, go to <https://www.nrainstructors.org/>

## **Wilson Combat® Disclaimer and Limitation of Liability**

Understanding the basic function of and dangers presented by the use of your suppressor, and closely following the instructions and warnings set forth in this manual will help you obtain a high level of safety, performance and satisfaction. On the other hand, failure to follow the instructions and warnings in this manual can result in serious injury and even death to yourself or others, as well as severe damage to your firearm or other property.

Wilson Combat® shall not be responsible for any damage to the firearm, physical injury to yourself or others, or property damage caused by any of the following: negligent or criminal discharge of your firearm; improper or careless handling of your suppressor; unauthorized alterations or modifications; use of low quality or improperly reloaded ammunition; failure to properly maintain and service your firearm or suppressor, including permitting rust or corrosion accumulation, and abuse, neglect, or other conditions that are beyond Wilson Combat®'s control.

The above legal limitations apply regardless of whether liability against Wilson Combat® is asserted on the basis of warranty law, contract, negligence, or strict liability (including failure to warn). Under no circumstance shall Wilson Combat® be liable for incidental or consequential damages, such as the loss of use of property, commercial loss, and loss of earnings or profits.

Wilson Combat® does not offer any written or express warranties on its products.

Wilson Combat® reserves the right to assert any additional defense(s) available under applicable law.

By owning, maintaining, storing, handling and using this suppressor, you are accepting a serious responsibility. Please take the time to review and understand this entire manual. Always follow common sense. Anyone using your suppressor or firearm must do so safely. If you or any of the suppressor's handlers have any doubts about the ability to safely and responsibly own, maintain, store, handle, and shoot using the suppressor, supervised and professional instruction should be immediately sought.

# IMPORTANT SAFETY INFORMATION

To ensure your safety and the effective use of the QUELL P, P-S suppressor, it is essential that all owners and users carefully read this manual in its entirety and follow the instructions provided. Suppressors should only be used by individuals experienced in the safe operation and handling of firearms. Failure to comply with the installation, maintenance, and safety guidelines outlined here can result in serious personal injury, damage to the firearm or suppressor, and voiding of the warranty.

Even with advanced sound suppression technology, firearms equipped with a suppressor remain highly dangerous. Always treat every firearm – suppressed or unsuppressed – with the same respect and caution, following standard firearm safety practices at all times.

Before installing the suppressor, ensure the firearm is completely unloaded, with the action open and visibly clear of ammunition. If you are unsure of the proper procedure to clear your firearm, consult the user manual or seek guidance from a qualified professional.

# About the QUELL P, P-S Suppressors

The QUELL P & QUELL P-S Suppressors from Wilson Combat are precision-engineered for semi-auto 9mm pistols and built for tactical, defensive, and recreational shooting.

Constructed from 7075 aluminum with an ultra-durable hard coat anodized finish, they provide an increase in sound reduction without excess weight.

## **QUELL P – Maximum Suppression for Pistols**

For those who demand the quietest performance, the QUELL P features a 7-baffle system, reducing sound by 34dB. At 6.25" in length and 9.5 oz, it delivers outstanding noise reduction without excessive bulk—perfect for tactical, defensive, or range use.

## **QUELL P-S – Compact & Carry-Optimized**

For shooters prioritizing size and weight, the QUELL P-S offers 25dB reduction in a 4.875" length, weighing just 8.0 oz. Its 4-baffle system provides effective suppression while maintaining a lightweight, easy-handling profile, making it ideal for defensive use and everyday carry.



# Get to Know Your QUELL P, P-S Suppressor

Visit [www.wilsoncombat.com](http://www.wilsoncombat.com) for more information.



## **Model Variants:**

### **4-Baffle QUELL P-S:**

- Length: 4.875"
- Weight: 8.0 oz

### **7-Baffle QUELL P:**

- Length: 6.250"
- Weight: 9.5 oz

## **Dimensions:**

**Outside Diameter:** 1.375"

**Maximum Bore Diameter:**

- 9mm: .358"

## **Construction:**

**Suppressor:**

- Constructed from 7075 Aluminum

**Attachment:**

- Direct-thread attachment

## **Thread Pitch:**

**Outside Diameter:** 1.375"

**Thread Pitch:**

- 9mm: 1/2"x28

# Sound Rating & Decibel Reduction

The QUELL P, P-S delivers an average sound reduction of up to **34 dB** and **25 dB** respectively, based on testing conducted with 9mm ammunition using industry-standard measurement practices.

Wilson Combat uses the Bruel & Kjaer 2209 microphone system with a 4136 microphone, the same equipment featured in our other suppressor data, to ensure consistency and accuracy in our testing. Decibel reduction is measured at both the muzzle and shooter's ear, providing reliable real-world data for your shooting experience.

This suppressed sound reduction significantly reduces the report of the firearm, enhancing your shooting comfort and minimizing noise disturbance for those nearby. The QUELL P, P-S ensures reduced-decibel operation without compromising performance.

## Our Sound Testing Process

Our testing measures peak sound pressure in decibels (dB) at key locations, balancing at-ear and muzzle results to deliver the best possible shooting experience. This testing is conducted in accordance with MIL-STD-1474E, a military standard that provides consistent and conservative measurements. While this standard may not always reflect how something “sounds” to the human ear, it ensures our results are reliable, repeatable, and representative of real-world performance.

**Please Note:** While the suppressor greatly reduces the sound of the muzzle blast, supersonic ammunition will produce a sonic crack as the projectile breaks the sound barrier. For maximum noise reduction, subsonic ammunition is recommended where appropriate. Hearing protection is still recommended.

# Disassembly, Cleaning, & Installation

Proper installation and maintenance are critical to ensuring the performance and longevity of your QUELL P, P-S Suppressor. Follow these detailed steps to guarantee safe and effective operation.

## **CLEANING & THREAD PREPARATION**

Before attaching the suppressor, ensure that all threads and taper surfaces are clean and free from debris. Any residue on these surfaces can result in improper alignment, leading to baffle strikes or damage to the suppressor and firearm. Apply lubricant/grease to the threads and taper surfaces to facilitate smooth installation and to prevent galling during repeated use.

Inspect the suppressor and barrel threads regularly for cleanliness and integrity. If any component appears damaged or obstructed, clean thoroughly before proceeding with installation.

**Please Note:** Loctite® C5-A® Anti-Seize lubricant is applied during manufacturing for the assembly of the QUELL P, P-S suppressor. We recommend reapplying this lubricant when reinstalling your suppressor to ensure optimal performance.

## **DISASSEMBLY STEPS:**

1. Remove the rear retainer that secures the piston and spring.
2. Clean the piston and the housing area using an approved solvent.
3. Lubricate the piston housing and piston with anti-seize lubricant or equivalent high-quality synthetic grease.
4. Reinsert the piston, followed by the spring, and screw the rear retention cap back onto the mount.

## INSTALLATION ON A PISTOL STEPS:

1. Ensure the suppressor bore is free of obstructions before installation.
2. Align the suppressor threads carefully with the barrel to prevent cross-threading.
3. Screw the suppressor onto the barrel until slight resistance is felt.
4. Continue tightening slowly until the suppressor is fully seated.
5. Check attachment periodically during use to ensure the suppressor remains secure.

**WARNING:** The Suppressor may become extremely hot after use. Never touch a hot suppressor as it can result in injury.

# Usage & Safety Guidelines

## Barrel Torque and Rate of Fire

- **Barrel Torque:** 25-30 ft-lbs is recommended when installing QUELL P, P-S suppressors.
- **Rate of Fire:** The QUELL P, P-S are rated for semi-automatic pistol fire. Extended periods at a high rate of fire can produce excessive heat buildup, which may damage the suppressor.

Using the suppressor outside of its intended scope, such as with improper ammunition or excessive firing rates, may cause damage to the suppressor, firearm, or both, and could result in personal injury.

Before using the QUELL P, P-S suppressors, verify that your firearm is configured correctly and that the suppressor is securely attached with proper alignment. Misalignment or improper assembly can lead to baffle strikes, damage, or reduced performance. If you are unsure about the compatibility of your firearm or ammunition with the QUELL P, P-S suppressors, consult Wilson Combat Customer Service for assistance. By following these guidelines and using the suppressor within its operational limits, you can ensure a safe and reliable shooting experience.

**WARNING:** The QUELL P, P-S suppressors are designed to perform optimally within its stated operational limits. Always ensure that your ammunition and firearm setup match the suppressor's specifications.

# Cleaning & Maintenance

## Recommended Cleaning Intervals:

For optimal performance, clean the suppressor every 500-1,000 rounds, depending on usage conditions and ammunition type.

## Cleaning Procedure:

1. Clean suppressor components every 500-1,000 rounds to maintain optimal performance.
2. Remove the rear retainer that holds the piston and spring in place.
3. Clean the piston and the hole that the piston rides in and lubricate this hole and piston with lubricant/grease.
4. Replace the piston, then the spring and then screw the retention rear onto the mount.
5. Check alignment and suppressor bore to ensure no obstructions or excessive carbon buildup.
6. Inspect suppressor threads and attachment points for signs of wear or damage.
7. Store the suppressor in a dry, secure place to prevent corrosion or contamination.
8. Transport: When not in use, remove the suppressor and protect the firearm's muzzle threads and crown with a thread protector or suitable muzzle device to prevent damage during storage or transport.

**WARNING:** Debris on the threads or taper surfaces can lead to improper alignment of suppressor, increasing the risk of projectile strikes on the baffles. Always ensure these surfaces are clean and free from obstructions before installation.



# Troubleshooting

## Operational Tips and Troubleshooting

### Loose Suppressor:

- Allow the suppressor to cool, retighten the suppressor by hand to ensure it is firmly seated against the barrel shoulder.

### Baffle Strikes:

- Discontinue use immediately if misalignment occurs and contact Wilson Combat for inspection or repair.

### Proper Lubrication:

- Use lubricant/grease on the pistol threads at all times.

**Please Note:** To ensure optimal performance, it is crucial to verify that the suppressor remains securely tightened during use.

# Lawful Use & Possession

Your QUELL P, P-S suppressor is a regulated NFA (National Firearms Act) item and may not be legal to own or possess in certain jurisdictions. It is your responsibility as the owner to ensure compliance with all applicable federal, state, and local laws. Wilson Combat makes no guarantees, express or implied, regarding the legality of owning, using, or possessing this suppressor in your specific jurisdiction.

If you have questions about the legalities surrounding ownership, possession, or use of your suppressor, we strongly recommend contacting the chief law enforcement officer in your area or your local BATF (Bureau of Alcohol, Tobacco, Firearms, and Explosives) office. These resources can provide detailed and jurisdiction-specific guidance to ensure you remain in compliance with all regulations.

# Helpful Ownership Information

When transporting or using your suppressor, always carry a copy of the applicable BATF documentation, such as your approved Form 4. This documentation serves as proof of lawful ownership and can prevent potential misunderstandings with law enforcement. Failure to carry these documents could lead to legal complications, including confiscation of your suppressor or prosecution.

By adhering to these guidelines, you can enjoy the performance of your QUELL P, P-S suppressor with peace of mind and full compliance with the law. For any additional questions, feel free to contact Wilson Combat Customer Service for assistance.

## Notes

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**WARNING:** Never adjust, alter, or modify the structure or components of this suppressor unless specifically directed to do so in this manual. Doing so may cause an unsafe condition and could result in serious injury or death. Please contact Wilson Combat® directly if you feel the suppressor is in need of alteration or adjustment that is not covered in this manual.