



The Pronghorn Owner's Manual

Important Safety Information

WARNING: READ THIS MANUAL COMPLETELY BEFORE USING THE PRONGHORN SUPPRESSOR. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY, DEATH, OR PROPERTY DAMAGE.

Firearms and suppressors are dangerous tools. Always treat them with respect and follow all firearm safety rules. The Pronghorn is a high-performance suppressor designed for specific calibers and configurations. Misuse can lead to catastrophic failure.

- **Always keep the firearm pointed in a safe direction.**
- **Treat every firearm as if it is loaded.**
- **Keep your finger off the trigger until ready to shoot.**
- **Be sure of your target and what is beyond it.**
- **Wear appropriate eye and ear protection when shooting.**
- **Do not use the suppressor if it is damaged or shows signs of wear.**
- **The Pronghorn is rated ONLY for 5.56mm NATO and .223 Remington calibers. Using any other caliber may cause baffle strikes, suppressor failure, or injury.**
- **Minimum barrel length restriction: 10 inches. Shorter barrels may result in projectile instability, baffle erosion, or dangerous pressure buildup.**
- **This suppressor generates heat rapidly during use. Allow it to cool before handling.**
- **Never look down the muzzle end of the suppressor while attached to a firearm.**
- **Suppressors do not make firearms silent; they reduce noise but hearing protection is still required.**
- **Comply with all local, state, and federal laws regarding suppressors, including NFA regulations if applicable.**

If you are unsure about any aspect of using The Pronghorn, consult a qualified gunsmith or contact customer support.

Product Overview

The Pronghorn is a lightweight, durable suppressor engineered for precision rifles chambered in 5.56mm NATO or .223 Remington. It features advanced baffle design for optimal sound reduction, recoil mitigation, and minimal point-of-impact shift. Constructed from high-grade titanium and stainless steel, it is built to withstand rigorous use while maintaining a compact profile.

Key Specifications

Specification	Details
Product Name	The Pronghorn
Compatible Calibers	5.56mm NATO / .223 Remington ONLY
Minimum Barrel Length	10 inches
Length	6.5 inches (approximate)
Diameter	1.5 inches
Weight	12 ounces
Material	Titanium alloy with stainless steel baffles
Mount Type	Direct thread (1/2-28 tpi standard; adapter included)
Sound Reduction	Up to 30 dB (depending on ammunition and barrel length)
Full Auto Rated	Yes, for limited bursts

Note: Specifications may vary slightly based on manufacturing tolerances. The Pronghorn is not rated for any other calibers, including but not limited to .308, 9mm, or 300 Blackout. Use in unsupported calibers voids warranty and poses safety risks.

Installation Instructions

- Verify Compatibility:** Ensure your firearm is chambered in 5.56mm NATO or .223 Remington with a barrel length of at least 10 inches. Confirm the muzzle thread matches the suppressor's mount.
- Unload Firearm:** Completely unload the firearm and verify the chamber is empty.
- Inspect Suppressor:** Check The Pronghorn for damage, debris, or loose parts. Clean if necessary.
- Attach Suppressor:**
 - Align the suppressor's threads with the barrel's muzzle device.
 - Hand-tighten clockwise until snug.
 - Use a torque wrench to tighten to 20-30 ft-lbs (do not over-torque).
- Muzzle Fit:** Ensure the rear of the threads of the barrel muzzle, have a "Thread Relief". The "Thread Relief" should have a smaller diameter than the diameter of the threads. If your barrel does not have a thread relief you may need to add shims (not

a crush washer) to your barrel to ensure a 90 degree shoulder mount with the adapter and barrel.

6. **Function Check:** Cycle the action (unloaded) to ensure no interference. Perform a visual alignment check to confirm the suppressor is straight.

Warning: Improper installation can lead to baffle strikes. If alignment issues are suspected, use a suppressor alignment rod or consult a professional.

Usage Guidelines

- **Break-In Period:** Fire 20-50 rounds to allow the suppressor to season and reduce initial fouling.
- **Ammunition:** Use only high-quality, factory-loaded ammunition. Avoid reloaded or subsonic rounds unless specifically tested for your setup.
- **Heat Management:** After extended firing (e.g., 100+ rounds), allow the suppressor to cool for 10-15 minutes. Use gloves or a cover to handle hot surfaces.
- **Full Auto Use:** Limited to short bursts (30 rounds) to prevent overheating. Monitor temperature closely.
- **Barrel Length Restriction:** Never use on barrels shorter than 10 inches, as this increases risk of bullet yaw and suppressor damage.

Maintenance and Cleaning

Regular maintenance extends the life of The Pronghorn and ensures safe operation.

1. **Frequency:** Clean after every 500-1000 rounds or if performance degrades (e.g., increased noise).
2. **Disassembly:** The Pronghorn is not user-serviceable.
3. **Cleaning Method:**
 - Soak components in a carbon solvent (e.g., CLR or bore cleaner) for 30 minutes.
 - Scrub with a nylon brush; avoid abrasive materials that could scratch material.
 - Rinse with hot water and dry thoroughly.
 - Lightly lubricate threads before reassembly.
4. **Storage:** Store in a dry, cool place. Use a protective pouch to prevent scratches.

Troubleshooting

- **Excessive Noise:** Check for loose mount or fouling. Clean and reinstall.
- **Point-of-Impact Shift:** Normal with suppressors; adjust sights as needed. Ensure barrel length meets minimum.
- **Overheating:** Reduce firing rate or use a suppressor cover.
- **Baffle Strike:** Immediately stop use. This indicates misalignment or incompatible setup (e.g., barrel <10 inches). Contact support for inspection.

Warranty Information

The Pronghorn comes with a limited lifetime warranty against defects in materials and workmanship. Warranty is void if:

- Used with unsupported calibers or barrel lengths under 10 inches.
- Modified, abused, or improperly maintained.
- Involved in negligent discharge or illegal use.

To claim warranty, contact customer support with proof of purchase and a description of the issue. We will repair or replace at our discretion.

Joshua Kinderknecht
President/ Owner
office@wtfwyo.com
joshua@wtfwyo.com
307-899-5083