



The Jackalope Owner's Manual

Important Safety Information

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

Firearms and suppressors are dangerous tools. Always handle with care and follow firearm safety protocols. The Jackalope is designed for specific calibers and configurations. Misuse can lead to catastrophic failure.

- ³⁵₁₇ **Always keep the firearm pointed in a safe direction.**
- ³⁵₁₇ **Treat every firearm as if it is loaded.**
- ³⁵₁₇ **Keep your finger off the trigger until ready to shoot.**
- ³⁵₁₇ **Be sure of your target and what is beyond it.**
- ³⁵₁₇ **Wear appropriate eye and ear protection when shooting.**
- ³⁵₁₇ **Do not use the suppressor if damaged or showing signs of wear.**
- ³⁵₁₇ **The Jackalope is rated for calibers with projectile diameters of .308 inches or less (e.g., .280 and .30 calibers). Using calibers exceeding .308 inches may**

- cause baffle strikes (.284 inches for the .280 model), suppressor failure, or injury.
- ³⁵₁₇ **Minimum barrel length: 10 inches for non-magnum pistol calibers, 10 inches for subsonic rifle calibers, 8 inches for rifle calibers, and 16 inches for specific high-power calibers (e.g., 6.5 Creedmoor, .270 Win Mag, etc.).**
- ³⁵₁₇ **Do not exceed muzzle velocity of 4,000 fps, combustion pressure of 65,000 PSI, or powder charge of 100 grains.**
- ³⁵₁₇ **Monitor suppressor temperature; do not exceed 800°F to avoid damage or injury.**
- ³⁵₁₇ **Never look down the muzzle end of the suppressor while attached to a firearm.**
- ³⁵₁₇ **Suppressors reduce noise but do not eliminate it; hearing protection is still required.**
- ³⁵₁₇ **Comply with all local, state, and federal laws, including NFA regulations and tax stamp requirements.**

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

Product Overview

The Jackalope is a high-performance suppressor designed for firearms chambered in .280 and .30 calibers (projectile diameter ≤ .308 inches or .284 for the .280 model). Constructed from 17-4 H stainless steel or titanium, it offers durability and excellent sound reduction. It features industry-standard 1.375" x 24 TPI (HUB) threads for compatibility with various muzzle adapters and direct-thread mounts.

Key Specifications

Specification	Details
Product Name	The Jackalope
Muzzle Velocity	4,000 fps

Combustion Pressure	65,000 PSI (max)
Powder Charge	100 grains (max)
Length	7.6 inches (approximate)
Diameter	1.48 inches
Weight	13.5 ounces in SS. 10 ounces in titanium
Material	17-4 H stainless steel or Titanium
Mount Type	1.375" x 24 TPI (HUB)
Sound Reduction	Up to 30 dB (depending on ammunition and barrel length)
Full Auto Rated	Yes, limited to 30-round bursts with 5-minute cooling

Note: Specifications may vary slightly due to manufacturing tolerances. Use with calibers exceeding .308 inches or unsupported configurations voids warranty and poses safety risks.

Installation Instructions

1. **Verify Compatibility:** Confirm the firearm's caliber is .308 inches or less and meets minimum barrel length requirements. Ensure thread compatibility (1.375" x 24 TPI HUB).
2. **Unload Firearm:** Verify the firearm is unloaded, safety engaged, and action open.
3. **Inspect Suppressor:** Check The Jackalope for damage, debris, or loose parts. Clean if necessary.
4. **Attach Suppressor:**
 - Remove any crush washer from the muzzle.
 - Align the suppressor's threads with the barrel or adapter (1.375" x 24 TPI).

- Hand-tighten clockwise until fully shouldered and snug, with no gaps.
 - Use a torque wrench to tighten to 20-30 ft-lbs (do not over-torque).
5. **Function Check:** Cycle the action (unloaded) to ensure no interference. Use a bore alignment rod to confirm proper alignment with the barrel's bore.

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

Usage Guidelines

- ³⁵₁₇ **Break-In Period:** Fire 20-50 rounds to season the suppressor and reduce initial fouling.
- ³⁵₁₇ **Ammunition:** Use only high-quality, factory-loaded ammunition within specified limits (projectile diameter ≤ .308 inches, muzzle velocity ≤ 4,000 fps, pressure ≤ 65,000 PSI, powder charge ≤ 100 grains).
- ³⁵₁₇ **Heat Management:** Monitor temperature (e.g., with a thermal imaging device or by checking if too hot to touch). Stop firing if approaching 800°F and allow 5-10 minutes to cool. Use gloves or a cover to handle hot surfaces.
- ³⁵₁₇ **Full Auto Use:** Rated for limited full-auto (30-round bursts with 5-minute cooling periods). Ensure compliance with ammunition and temperature limits.
- ³⁵₁₇ **Adapter Compatibility:** Verify third-party adapters or inserts match 1.375" x 24 TPI and are rated for the intended use. Wyoming Tactical Firearms LLC is not responsible for third-party component failures.
- ³⁵₁₇ **High-Power Calibers:** For calibers like 6.5 Creedmoor, .270 Win Mag, or 7mm RUM, use a minimum barrel length of 16 inches to ensure stability and safety.

Maintenance and Cleaning

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

1. **Frequency:** Clean every 1,000 rounds or if excessive buildup is observed.
2. **Disassembly:** Detach from the firearm. The Jackalope is user-serviceable; unscrew the end cap and remove baffles using provided tools (if applicable).
3. **Cleaning Method:**
 - Wear gloves and eye protection.
 - Use compressed air to remove loose debris.
 - Soak components in a non-corrosive solvent (e.g., diluted Simple Green or CLP) for 30 minutes.
 - Scrub with a nylon brush; avoid abrasive materials.
 - Optionally, use an ultrasonic cleaner for thorough cleaning.
 - Rinse with hot water, dry thoroughly, and lightly lubricate threads before reassembly.
4. **Inspection:** Check threads and baffles for damage or obstructions. Ensure proper reassembly and torque end cap to 15-20 ft-lbs.
5. **Storage:** Store in a secure, locked container in a dry, cool place. Use a protective pouch to prevent scratches.

Caution: Never clean while attached to the firearm. Avoid harsh chemicals that could degrade materials.

Troubleshooting

- ³⁵₁₇ **Excessive Noise:** Check for loose mount or fouling. Clean and reinstall.
- ³⁵₁₇ **Point-of-Impact Shift:** Normal with suppressors; adjust sights as needed. Verify ammunition and barrel length compliance.
- ³⁵₁₇ **Overheating:** Reduce firing rate or use a suppressor cover. Allow cooling if approaching 800°F.

³⁵₁₇ **Baffle Strike:** Stop use immediately. This indicates misalignment or incompatible setup. Contact support for inspection.

Regulatory Compliance

Use of The Jackalope requires compliance with all federal, state, and local laws, including ATF and NFA regulations. A valid NFA tax stamp is required for possession and use. Consult legal counsel or the ATF for guidance.

Warranty Information

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

- ³⁵₁₇ Used with calibers exceeding .308 inches.
- ³⁵₁₇ Used with ammunition exceeding specified limits (velocity, pressure, or powder charge).
- ³⁵₁₇ Used on barrels shorter than specified minimums.
- ³⁵₁₇ Modified, abused, or improperly maintained.
- ³⁵₁₇ 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.

Contact Information

Joshua Kinderknecht
President
Wyoming Tactical Firearms LLC
31 Callen Dr.
Cody, Wy 82414
joshua@wtfwyo.com
(307)899-5083

<https://www.wtfsilencers.com>