



DRIFTER Ti OWNER'S MANUAL

THE QUIET CONFIDENCE GUARANTEE

This manual will help you avoid trouble. However, should trouble find you, your silencer is covered by our Quiet Confidence Guarantee. If you ever experience a problem with your silencer—whether caused by us or you—we will make it right.



SPECIFICATIONS

- **Caliber:** Dedicated .223 / 5.56 NATO
- **Maximum Cartridge Rating:** Rated up to 22 Creedmoor
- **Length:** 7.375 inches (with included direct-thread adapter)
- **Diameter:** 1.49 inches
- **Weight:** 10.5 oz (with included direct thread adapter)
- **Material:** Grade 5 Titanium (Ti-6Al-4V),
- **Finish:** High-temperature Cerakote
- **Thread Pitch:** HUB compatible
- **Included Mount:** Ships with 1/2×28 direct-thread adapter
- **Barrel Restrictions:**
 - Minimum 11.5" barrels for 5.56 NATO / .223 Rem
 - Minimum 20" barrels for 224 Valkyrie and 22 Creedmoor
- **Firing Schedule:**
 - Full-auto rated for three (3) consecutive 30-round magazines of 5.56 NATO before cooling
- **Mounting:** HUB-compatible system with direct-thread adapter included
- **Warranty:** Backed by the Quiet Confidence Guarantee

WHAT YOU SHOULD HAVE IN THE BOX

- Drifter Silencer (Stainless Steel or Titanium)
- Direct thread adapter (1/2x28)
- (1) Solid endcap
- (1) Vented endcap
- Endcap / HUB adapter tool
- Owner's manual

SAFETY WARNINGS

- Always unload your firearm completely before installing or removing the silencer.
- Ensure the bore is free of obstruction before firing.
- Check that threads are clean and free of carbon buildup before installation.
- Do not cross-thread. Hand-tighten only.
- Monitor silencer tightness during use; stop firing immediately if misalignment occurs.

ATTACHING THE SILENCER

Direct Thread Installation (Included Adapter)

1. Verify the host firearm is completely unloaded.
2. Inspect both barrel and silencer threads to ensure they are clean and free of debris or carbon buildup.
3. Carefully screw the direct thread adapter onto the rifle barrel until it shoulders firmly.
4. Thread the silencer body onto the installed adapter until snug against the shoulder.
5. Do not use washers, shims, or tools. Hand-tighten only.

HUB MOUNT INSTALLATION

The silencer is fully HUB compatible (1.375x24). This allows use of a wide variety of quick-detach mounts and muzzle devices.

1. Install the HUB adapter of your choice per the manufacturer's instructions.
2. Ensure the adapter is properly torqued and aligned.
3. Thread the silencer onto the HUB adapter until snug.
4. Refer to the installation instructions provided with your chosen HUB mount or muzzle device for detailed guidance.

MULTIPLE ENDCAP USE

Sealed vs. Vented Endcaps

All Lone Star Silencer HUB-compatible suppressors include both sealed and vented endcaps, allowing you to tune performance to your rifle and mission.

- **Sealed Endcap – Maximum Suppression**

Fully contains propellant gases for the lowest possible sound signature.

Ideal for hunting, bolt guns, and noise-sensitive applications where decibel reduction is the top priority.

- **Vented Endcap – Reduced Recoil & Gas**

Vents excess gas forward to lower internal pressure, reducing backpressure and improving shootability on semi-autos. Benefits include softer recoil, smoother cycling, better muzzle control, and significantly less gas to the shooter's face.

One suppressor. Two endcaps. Configure it for quiet—or control.

Swapping Endcaps

1. Use the included tool to engage the endcap.
2. Turn counter-clockwise to remove the installed cap.
3. Thread the desired cap into place by hand, then snug it with the tool.
4. Do not overtighten – hand snug plus light tool tension is sufficient.

OPERATING YOUR SILENCER

Silencer Temperature

Your silencer will absorb significant heat during firing. It will become extremely hot after only a few rounds. Allow it to cool before handling or storing.

Ammunition

We strongly recommend the use of new, factory-produced cartridges. Factory ammunition is more consistent, stable in flight, and less likely to cause damage to your suppressor. Handloaded or remanufactured ammunition may void performance expectations.

Hearing Protection

The Drifter reduces sound well below OSHA's peak safe levels. However, for prolonged use or high-volume shooting sessions, the use of hearing protection is recommended.

Supersonic Crack

While the silencer dramatically reduces muzzle report, no suppressor can eliminate the sharp "crack" produced by bullets traveling faster than the speed of sound. Subsonic ammunition may be used to avoid this effect.

Care and Cleaning

- Wipe down the exterior with oil and a soft cloth.
- Suppressor-safe solvents may be used for internal cleaning.
- Always follow the solvent manufacturer's instructions to avoid damage.
- Allow the suppressor to dry completely before reuse.
- Routine internal cleaning is not required, but may be performed at the user's discretion.

ABLATIVE MEDIA / RUNNING WET

Do not use ablative media such as water, grease, or gel inside the suppressor. Running the silencer "wet" is **not recommended** and may cause unsafe pressure levels, damage to the suppressor, or personal injury.

RETURNS FOR REPAIR

Your silencer is designed for a lifetime of service. If it fails to perform as intended, contact Lone Star Silencer before shipping to ensure proper documentation and compliance with applicable laws.

CUSTOMER SERVICE

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