

DPT SUPPRESSOR INSTALLATION & MAINTENANCE GUIDE

(Read Carefully – Failure to Follow May Cause Irreversible Damage)

1. INSTALLATION – CRITICAL FOR SAFETY

- Ensure the suppressor is **firmly screwed onto your rifle** before firing.
- **Check tightness every few shots.** If it loosens and drops into the bore line, a **baffle strike can occur**, causing **catastrophic damage**.
- The suppressor must seat snugly against the thread shoulder. If your muzzle lacks thread relief and doesn't fit properly, **contact DPT**.
- Apply a **light coat of oil** to the thread before installation.
- For **over-barrel models**, the rear plastic bushing should be **0.05 mm oversize**, floating freely around the barrel. A tight fit can cause **accuracy problems**. A looser bush is acceptable if the muzzle thread is firm and true to bore.

2. MAINTENANCE & WARRANTY REQUIREMENTS

To maintain **warranty** eligibility, you **must clean and maintain your suppressor** regularly:

- After each use and before long-term storage:
 - Disassemble the baffle stack.
 - Lightly spray **WD-40** on both baffle faces and inside the rear chamber.

⚠ **Failure to clean and maintain your suppressor will void the warranty.**

Treat your suppressor **like your rifle**.

Note: **Aluminium baffles wear over time** and are **not covered under warranty** – they are considered consumable.

3. MODULAR SUPPRESSOR CLEANING

- Unscrew each module. Clean and apply **lithium grease** to threads and O-rings.
- Reassemble with firm (not excessive) tightness.
- The **front module/cap** and **rear section** (on over-barrel models) are **Loctite-fixed** and cannot be disassembled. Clean these using a **nylon barrel brush** through the ports with **WD-40 only**.
- Do **not** use harsh chemicals or water-based cleaners.

If stuck, use hose clamps with padding (leather/cardboard), or purchase a **DPT clamp set**.

4. MOISTURE, CORROSION & SAFE STORAGE

Shooting produces **corrosive condensation** inside the suppressor, including ammonia and water vapor.

➡ **FAILURE TO DRY YOUR SUPPRESSOR CAN CAUSE SERIOUS INTERNAL CORROSION AND PREMATURE FAILURE.**

Rust in the barrel and damage to suppressor components may occur if not properly maintained.

- Always **remove the suppressor shortly after shooting**.
- Allow it to **dry fully** before storing.
- If stored wet, **white powder residue** may appear — clean with WD-40.
- If dropped in water, **thoroughly dry before use**.

5. HEAT LIMITS & ROUND COUNT GUIDELINES

Initial baffle pitting after ~20 rounds is normal and slows over time. A stainless-steel blast baffle is recommended for high-volume shooting (100+ rounds/year) or short barrels (e.g. 17" .308, 20" .270).

To avoid overheating and extend suppressor life, follow these limits:

- **Standard baffles:** 70 rounds/hour (no sleeve), 35 rounds/hour (with sleeve)
- **With stainless blast baffle:** 100 rounds/hour (no sleeve), 50 rounds/hour (with sleeve)

6. SOUND REDUCTION EXPANSION

- Additional baffles can improve suppression:
 - Max **7** baffles on **muzzle-forward** suppressors
 - Max **10** on **over-barrel** suppressors

7. COMPATIBILITY NOTES

- Only the **rear bushes** are **interchangeable** between **Mk1** and **Mk2** suppressors.

8. SUPPRESSOR CASE CAPACITY RATINGS

Suppressor Type	Max Cartridge Case Capacity
Rimfire	Up to .22 Magnum or .17 HMR
Mini Centerfire (<i>special order</i>)	Please contact us
Muzzle Forward / Standard Over-barrel	Up to .30-06 Springfield
Magnum Over-barrel	Up to .300 Winchester Magnum
Ultra Magnum Over-barrel	Up to .338 Lapua Improved

9. WARRANTY & SUPPORT

DPT suppressors are covered by a limited warranty.

To maintain warranty eligibility, you must follow all installation and maintenance instructions provided in this guide. **Proper maintenance is essential and remains the responsibility of the user.**

For full warranty terms, visit: www.dpt.co.nz

For support or questions, please contact us via the website