

## Maintenance instructions for DPT modular suppressor

**Avoid Build-up of moisture inside the suppressor as repeated exposure could lead to premature failure of the suppressor due to corrosion.**

During shooting, condensation is created inside the suppressor, containing amongst others ammonia (mixture of burnt powder and water). Failure to remove the suppressor within a reasonable period of time after shooting will cause rust to form in the gun barrel and could cause corrosion inside the suppressor. It is therefore practical to unscrew the suppressor after shooting on a range before packing the firearm for transport. When hunting, the suppressor must be removed after the end of the hunt. Store the suppressor so that air can flow freely through it and dry it out. If suppressor is put away wet, a white powdery build-up will occur on the baffles. In this case spray WD40 over the baffles. When the suppressor is dry it is advantageous to spray WD40 into it.

**To obtain the extended warranty the inside of your rear chamber and both faces of the baffles must be sprayed with a thin coat of WD40 after every day out shooting (do this at the same time you clean your rifle) and also before long periods of storage. To do this, you will need to remove the baffles from the rear chamber and disassemble the baffle stack, failing to do this will void the extended warranty.**

Cleaning of the modular suppressor can be done by unscrewing each module. Grease the O ring and threads with lithium grease before re-assembly. Don't over tighten the modules. Firm is enough. Due to the fact that the front module and cap are loctited together, as well as the rear section on the over barrel versions, it can't be undone. Cleaning will need to be done with a nylon barrel cleaning brush through the ports. WD40 should be used to clean the suppressor. Don't use any harsh chemicals. If the modules are too tight to undo, you can make a couple of clamps with two hose clamps. **Make** sure you protect the suppressor with some leather or cardboard. We also offer a clamp set for sale that is listed on our website. Ensure that the thread surfaces are clean.

**In short, treat the suppressor as you would treat your rifle.**

Please make sure the suppressor is firmly screwed onto the front of your rifle. After every few shots, check for tightness. If the suppressor comes loose and drops down into the line of bore, baffle strike could occur. Suppressor needs to be snug against the thread shoulder. If your muzzle thread has no thread relief, this may be a problem. If so please contact us. A light coat of oil should be put on the muzzle thread before the suppressor is screwed on.

If the suppressor is dropped into water, it must be fully dried before use.

**After the first 20 or so rounds, you may find pitting on the module closest to the muzzle. That is nothing to be concerned about as it's the anodizing surface wearing off. After the initial pitting, you will find it won't change much after the next few hundred rounds. Life expectancy of that module is around 2000 rounds on a 22 inch hunting rifle. Life expectancy of the suppressor can be improved by not allowing it to become too hot. A good rule of thumb is an average of 60 rounds an hour and 30 rounds an hour if a protective sleeve is used on the suppressor (due to lack of heat dispersion). If a stainless steel blast baffle is used, the round count goes up to 90 rounds per hour without a sleeve and 45 rounds per hour with a sleeve.**

Additional modules can be purchased to increase the sound suppression. A maximum of 7 baffle modules can be used on the muzzle forward suppressors and 10 modules on the over-barrel suppressors.

For the over barrel versions, the plastic rear bushing is recommended to be machined 0.03mm oversize. A larger clearance fit is acceptable if the muzzle thread is a nice firm fit with the suppressor.

**Suppressor case capacity ratings:** see website [www.dpt.co.nz](http://www.dpt.co.nz)

**DPT suppressors are covered by a limited lifetime warranty, see terms and conditions on our website [www.dpt.co.nz](http://www.dpt.co.nz)**

Any problems contact DPT through the website [www.dpt.co.nz](http://www.dpt.co.nz)