

## “T” series Over-barrels

Maintenance Sheet for the following Rim-fire & Centre-fire products

- Mini T
- Xtreme I
- 38 Compact, 42 Compact, 708 Compact, 30 Compact, 308 Compact
- T12 Scout, T12 6mm SL, T12 30 ST

The “T” series products are crafted from 100% 304 grade stainless steel. To ensure correct bore alignment of the moderator and the rifle bore the barrel must be screw cut by a qualified centre-lathe operator or a competent gunsmith.

**Warning!** If lost or injured, removal of the moderator is essential before putting up distress shots for help. The sonic crack of the projectile has no point of origin; therefore using a moderator can make the source of the gunshot seem further away than it really is.

### Fitting of the sound moderator to the rifle:

Located at the rear of moderator is either a black or bronze coloured barrel support bush (BSB). Prior to use the BSB needs to be set up in a centre-lathe, use a Dial Test Indicator (DTI) to ensure the hole in the bush is running concentric in the chuck. Using an outside micrometer, measure the diameter of the rifle barrel at the point where the bush will be seated when assembled onto the rifle barrel. Bore out the BSB and check the fit onto the barrel, this must be a snug fit (There must be No radial movement). If there is any movement this may lead to accuracy issues. Once machined wind the BSB back into the moderator, wind up firm.

**Warning:** Please ensure that the rifle is unloaded before attaching the sound moderator to the rifle barrel.

We recommend the use of a nickel based grease (anti-seize) and apply to the barrel thread. **Important:** Do not use any copper based grease, as this will lead to galvanic corrosion. **Important:** Ensure that no grease enters into the bore of the rifle barrel, **as bulging will result from firing.**

Present the rear of the moderator to the muzzle and carefully slide it down over the barrel, then wind the moderator onto the barrel until it makes a solid contact to the thread shoulder on the barrel. **Please note:** Clock-wise direction for right hand threads, anti-clockwise for left hand threads.

With the breach-bolt removed and the moderator attached to your rifle, take a look up through the bore to ensure there no sign of partial blocking of the bore. If it appears that the moderator may obstruct the flight path of the projectile. **Do not attempt to fire a shot through the rifle!** Contact your local gunsmith immediately.

### Removal of the sound moderator from the rifle:

**Warning:** Please ensure that the rifle is unloaded before removing the sound moderator from the rifle barrel.

**Warning:** The sound moderator maybe very hot! Leave for several minutes to cool before handling.

Once you have completed your days shooting we recommend the removal of the sound moderator from the rifle. If the rifle is stored away with moderator attached, immediate corrosion between the barrel thread, bore and the moderator will occur. Once removed we recommend wiping the exterior of the moderator with an oily rag, removal of any animal blood should be immediate to prevent any corrosion to the exterior finish. Re-apply grease to the barrel thread. The products listed above are all sealed and welded assemblies and do not require internal cleaning. If foreign matter, twigs, stones etc. should enter the moderator we recommend this be removed before shooting.