





PANTHER

PANTHER USER MANUAL

Thank you for your purchase of a Wildcat sound moderator.

With the WILDCAT PANTHER we took the diffuser style baffles and over barrel design from our Evolution centrefire moderator, then optimised it for rimfires to create a hunting rimfire moderator that is top of its class in sound reduction, durability and compact in size.

The Wildcat Panther is available in two calibre options, 17 and 22 and have been proof tested for the common rimfire calibres .22lr and 17HMR as standard. The durable design of the Panther has also been tested for the larger cartridges 17WSM, 22WMR, 17 Hornet and 22 Hornet. This makes it an ideal choice for those after a unit that is more compact than most centrefire sound moderators.

Wildcat Panther sound moderators are fully strippable for cleaning and maintenance. This should not need to be done regularly, but full instructions are provided.

FITTING

Initial fitting should ensure concentricity and alignment between the bore line of the firearm and moderator. In addition, confirm the thread and calibre moderator are suitable for the host firearm. This should be verified by an Authorised Retailer before using the firearm even if the firearm is already threaded for a sound moderator. Your warranty is dependent on your authorised Retailer confirming the suitability by signing of the warranty card.

After initial fitting, the sound moderator should easily screw on the muzzle and should come to a sharp 'stop' having full, even contact with the thread shoulder. Do not overtighten when fitting, hand tight is sufficient.



WARNING: A sound moderator which is loose or misaligned should NEVER be shot. Incorrect use or fitting may result in damage to equipment and/or injury.

USE

This manual is designed to complement, not vary or replace instructions issued by the manufacturer of the firearm it is fitted to. Please observe all usual firearms safety precautions and wear suitable PPE. Although noise and recoil are reduced this does not make the firearm any less lethal. Do not fire within any closer proximity of any persons than you would normally and remember you are responsible for every shot you take.



WARNING: Never shoot unstable or sabot projectiles through the sound moderator.

During use your sound moderator will heat up. Do not overheat the moderator; allow it to cool between shot strings. Wildcat sound moderators are suitable for use with moderator covers. It is recommended to remove covers for more effective cooling between each series of shots. After use the moderator should be allowed to cool then removed from the firearm and stored in a manner that allows air to flow through and moisture evaporate.

Whenever the moderator is used always ensure that it is in good condition, correctly assembled and properly mounted before firing. Your firearm should be zeroed once the sound moderator is initially fitted. Any change in point of impact is perfectly normal and should not impact ongoing accuracy once corrected.

MAINTENANCE

Wildcat Panther moderators are largely maintenance free. Periodic inspections should be done to check and maintain condition of the unit. Please note that if left for extended periods of time without maintenance, disassembly may be more difficult, you may wish to take it to an Authorised Retailer if further assistance is needed.



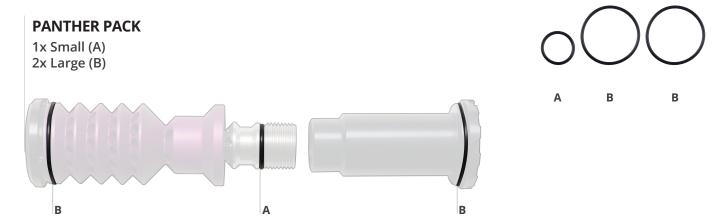
WARNING: Accumulated deposits inside sound moderators can contain toxic substances, so always use suitable PPE during maintenance.

Disassembly

- 1. First remove the inner tube by unscrewing anticlockwise. For inner tubes that are tight a **PANTHER SPANNER** can be used for extra leverage.
- 2. Once the inner tube is removed the diffuser can be pushed out and separated from the outer tube.

MAINTENANCE CONTINUED...

O-rings can be inspected and replaced as per the O-ring drawing below. Always ensure all O-rings are fitted and in the correct positions. Replacement O-ring kits can be purchased from your local retailer.



Any loose impurities such as a natural build-up of carbon chips can be shaken out and brushed off where possible. If you wish to further clean the unit, an ultrasonic bath using warm water is adequate. DO NOT use any harsh chemicals they may damage the moderator. Afterward, allow parts to dry fully before re-assembly. A light coat of a water displacement oil can be used. You may clean threads and use a little grease to help lubricate and protect them.

Assembly

- 1. Slide the diffuser into the outer tube, be careful to align the notches between the diffuser and outer tube and press firmly together to seal on the O-ring.
- 2. Insert the inner tube and tighten clockwise until the inner tube and outer tube contact and seal on the O-ring, hand tight is sufficient do not overtighten, a **PANTHER SPANNER** can be used to help tightening.

WARRANTY

All **WILDCAT PANTHER** sound moderators carry a warranty of 1 year against defects in materials or workmanship for the initial purchaser. Wildcat Sound Moderators accept no liability for damage or bodily injury caused by incorrectly used or fitted items. This warranty does not cover abused or neglected items. Abuse and neglect are defined as usage outside of the reasonable scope for which the product is intended, thus contributing to the accelerated and unreasonable premature wear of the sound moderator itself.

In the event of a warranty claim the sound moderator, proof of purchase and warranty card should be returned to an Authorised Retailer for initial inspection and assessment. Please include any information concerning the defect along with specifications of the ammunition and firearm.