



**NINOX QD QUICK DETACH TITANIUM  
CENTERFIRE RIFLE SUPPRESSORS**

USER MANUAL:

N556QD Ti

N762QD Ti

N300QD Ti

## CONTENTS

ESSENTIAL SAFETY INFORMATION .....	3
WARRANTY STATEMENT .....	4
REPAIR POLICY .....	5
LIMITATIONS TO WARRANTY:.....	5
GENERAL DESCRIPTION.....	6
RECOMMENDED MINIMUM BARREL LENGTH.....	6
INSTALLING THE SUPPRESSOR ON THE FIREARM .....	7
ESSENTIAL SAFETY WARNING .....	7
INSTALLING THE MUZZLE BRAKE ON THE FIREARM .....	8
INSTALLING THE SUPPRESSOR ONTO THE FIREARM .....	8
CHECKING PRIOR TO USE .....	9
CHECKING DURING USE .....	9
HEAT BUILDUP .....	10
CLEANING THE SUPPRESSOR .....	<b>Error! Bookmark not defined.</b>
CONTACT DETAILS.....	<b>Error! Bookmark not defined.</b>

## **ESSENTIAL SAFETY INFORMATION**

**WARNING – REVIEW AND UNDERSTAND MANUAL BEFORE USING SUPPRESSOR**

**FAILURE TO FOLLOW INSTALLATION AND MAINTENANCE INSTRUCTIONS DETAILED IN THIS MANUAL CAN RESULT IN POTENTIAL FOR SERIOUS INJURY TO THE USER AND DAMAGE TO THE FIREARM.**

**FIREARM SOUND SUPPRESSORS ARE USER-ATTACHED FIREARM MUZZLE DEVICES, AND AS SUCH ARE SUBJECT TO IMPROPER ATTACHMENT UNLESS THE PROPER PROCEDURES OUTLINED IN THIS MANUAL ARE FOLLOWED.**

**WARNING – ENSURE FIREARM IS UNLOADED BEFORE INSTALLING SUPPRESSOR**

**BEFORE INSTALLING OR REMOVING THE NINOX SOUND SUPPRESSOR FROM THE HOST FIREARM, BE SURE THAT THE FIREARM IS UNLOADED. THE MAGAZINE MUST BE REMOVED AND THE ACTION IS OPENED SO THAT IT IS VISIBLY CLEAR OF ANY AMMUNITION.**

**IF YOU ARE AT ALL UNSURE AS TO THE PROPER PROCEDURES TO ENSURE THAT YOUR FIREARM IS UNLOADED, PLEASE CONSULT THE FIREARM USER’S MANUAL PROVIDED BY THE MANUFACTURER OF THE FIREARM.**

**WARNING – ENSURE SUPPRESSOR BORE DIAMETER IS CORRECT FOR THE CALIBER OF FIREARM. NINOX QD SUPPRESSORS ARE AVAILABLE FOR A RANGE OF CALIBERS.**

**THE BORE OF THE SUPPRESSOR MUST BE THE SAME, OR LARGER, THAN FOR THE CALIBER OF RIFLE IT IS USED ON.**

**THE N556QD IS COMPATIBLE WITH ALL .223 CALIBER RIFLES, OR SMALLER CALIBERS (.17 CAL, .22 CAL, .204 CAL ETC).**

**THE N762QD AND N300QD ARE COMPATIBLE WITH ALL 7.62 / .30 CAL RIFLES OR SMALLER CALIBERS (.243, 6.5MM, 7MM, ETC)**



## **WARRANTY STATEMENT**

**NOTE ON FITTING:** Each Wedgetail Industries suppressor is tested for alignment using a precision ground gauge rod before it is shipped. Each suppressor is then test fired to proof the suppressor and confirm alignment. The installation of the muzzle brake and the fitting of the suppressor is the responsibility of the end user.

Wedgetail Industries suppressors are only warrantied against baffle strikes if the muzzle brake is installed by a competent person and the alignment confirmed before test firing using a suppressor alignment gauge rod. Alignment gauge rods in .223 / 5.56 and .308 / 7.62 are available from Wedgetail Industries.

Wedgetail Industries guarantees this product to be free from original manufacturer defects in material and/or workmanship under professional use for the service life of the components. The service life is defined as 10,000 rounds.

Professional use shall mean daily or highly frequent use of the firearm in professional activities (including military or law enforcement) or under like conditions.

The Ninox QD Titanium suppressors are warranted for low rates of fire. Rapid strings of fire must be limited to 15 rounds. After firing a rapid string of 15 rounds, the suppressor must be allowed to cool to ambient temperatures before firing recommences.

In the case that the product is defective in material and/or workmanship, Wedgetail Industries undertakes either to repair, replace or compensate the purchaser the purchase price for any such defective product.

If repairs are required due to a defect in manufacturing or materials, there will be no charge for repairs or replacement.



## **REPAIR POLICY**

If it is determined that the suppressor should be returned to the manufacturer for repair, the owner must contact Wedgetail Industries prior to returning the item.

## **LIMITATIONS TO WARRANTY:**

This warranty does not cover damage to the suppressor, or the host firearm, resulting from careless or irresponsible handling, adjustments, modifications to the suppressor, improper handling, negligence, or other abuse.

Wedgetail industries assumes no liability whatsoever for the use of the suppressor or use by its purchaser or any other person that comes in to contact with the product after it is purchased.

Wedgetail industries assumes no responsibility for any damage resulting from careless or irresponsible use, or by any use contrary to the recommendations, warnings and cautions generally listed in this manual.

Wedgetail industries do not cover damage to the suppressor or the host firearm resulting from reloaded ammunition or defective ammunition.

Wedgetail industries have no responsibility for baffle strikes which were not caused by defect in workmanship.

## **WARNING:**

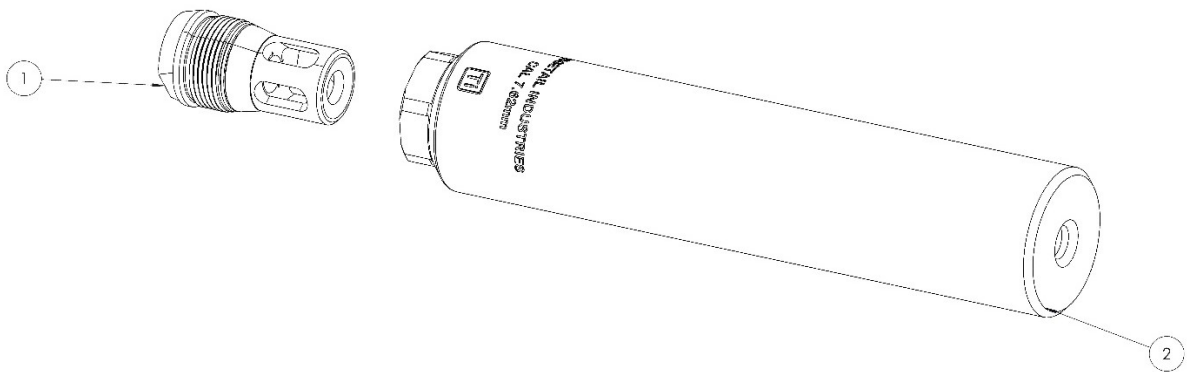
**FAILURE TO FOLLOW INSTALLATION AND MAINTENANCE INSTRUCTIONS DETAILED IN THIS MANUAL CAN RESULT IN POTENTIAL FOR SERIOUS INJURY TO THE USER AND DAMAGE TO THE FIREARM. FIREARM SOUND SUPPRESSORS ARE USER-ATTACHED FIREARM MUZZLE DEVICES, AND AS SUCH ARE SUBJECT TO IMPROPER ATTACHMENT UNLESS THE PROPER PROCEDURES OUTLINED IN THIS MANUAL ARE FOLLOWED.**

## GENERAL DESCRIPTION

The Ninox QD is an advanced monolithic rifle suppressor designed and engineered to provide best –in-class sound, flash, and muzzle blast reduction.

The Ninox QD is comprised of two main parts:

- 1) The muzzle brake
- 2) The suppressor body



The muzzle brake system allows the suppressor to be easily removed and reinstalled on the host firearm without the use of tools and with no point of impact shift.

The Ninox QD suppressor is built from titanium using an advanced additive manufacturing process. All Wedgetail Industries suppressors are designed and manufactured entirely in Australia.

## **RECOMMENDED MINIMUM BARREL LENGTH**

It is recommended that the Ninox QD rifle suppressor be used on the following minimum length barrels, according to calibre:

- |                |                                |
|----------------|--------------------------------|
| <b>N556QD:</b> | .223, 10.3" min. barrel length |
| <b>N762QD:</b> | 308Win, 16" min. barrel length |
|                | 300AAC, 9" min. barrel length  |
| <b>N300QD:</b> | 308Win 16" min. barrel length  |



300AAC 9"min. barrel length

## **INSTALLING THE SUPPRESSOR ON THE FIREARM**

### **ESSENTIAL SAFETY WARNING**

**WARNING – ENSURE FIREARM IS UNLOADED BEFORE INSTALLING SUPPRESSOR**

**BEFORE INSTALLING OR REMOVING THE NINOX SOUND SUPPRESSOR FROM THE HOST FIREARM, BE SURE THAT THE FIREARM IS UNLOADED.**

**ENSURE THE BORE DIAMETER OF THE SUPPRESSOR IS CORRECT FOR YOUR CALIBER OF RIFLE.**

**THE MAGAZINE MUST BE REMOVED AND THE ACTION IS OPENED SO THAT IT IS VISIBLY CLEAR OF ANY AMMUNITION. IF YOU ARE AT ALL UNSURE AS TO THE PROPER PROCEDURES TO ENSURE THAT YOUR FIREARM IS UNLOADED, PLEASE CONSULT THE FIREARM USER'S MANUAL PROVIDED BY THE MANUFACTURER OF THE FIREARM.**

To install the Ninox QD suppressor onto the firearm, the user must first install the muzzle brake.

## **INSTALLING THE MUZZLE BRAKE ON THE FIREARM**

**NOTE: DO NOT USE ANY TYPE LOCK-WASHER OR THE FACTORY CRUSH WASHER. LOCK-WASHERS OR THE CRUSH-WASHER WILL CAUSE MISALIGNMENT.**

1. After ensuring the firearm is unloaded, remove any muzzle devices, **including lock washers or crush washer**, fitted to the firearm. Install the muzzle brake onto the barrel and tighten by hand.  
**DO NOT** use any lock washers or other kinds of washers between the brake and the firearm.
2. Use a 22mm spanner to tighten the muzzle brake to the barrel.  
Torque to maximum of 55Nm (40 ft-lbs).

## **INSTALLING THE SUPPRESSOR ONTO THE FIREARM**

1. The Ninox QD suppressor connects directly onto the muzzle brake. Slide the suppressor over the brake mount and tighten gently by hand.
2. Once the suppressor is seated on the taper, use a spanner on the suppressor to tighten the suppressor. Apply 40Nm torque maximum.
3. When the suppressor is fully installed, it will be approximately in line with the brake as below.



## **CHECKING PRIOR TO USE**

Prior to use, it is important to check the alignment of the suppressor bore and the bore of the firearm.

This is done by using a bore alignment rod (WT Part #556BAR OR#762BAR ) or by removing the bolt and looking into the **BREACH** end of the firearm, down the bore.

### **NEVER LOOK INTO THE MUZZLE END OF A FIREARM!**

If there appears to be any misalignment between the bore and the suppressor, remove the suppressor and contact Wedgetail Industries.

**DO NOT ATTEMPT TO USE THE FIREARM IF THERE APPEARS TO BE MISALIGNMENT BETWEEN THE BORE AND SUPPRESSOR.**

## **CHECKING DURING USE**

It is possible for the suppressor to come loose during firing. This can happen as the barrel and suppressor expands and contracts as they heat up and cool down. It is very important that the operator frequently ensures the suppressor remains securely attached onto the barrel. The suppressor should be checked at least after 30 rounds fired.

If the suppressor becomes loose during firing, it may become misaligned with the bore of the rifle. If the suppressor becomes misaligned with the bore of the rifle, bullets will strike the suppressor, damaging it.

If suppressor is found to be loose during firing, remove and check all components, clean and reinstall.

## **HEAT BUILDUP**

The NINOX QD Ti suppressor is designed for heavy duty use and long service life. However, heat build-up will occur rapidly due to the high energy of centerfire rifle cartridges. With prolonged firing, the suppressor can reach temperatures which can cause severe burns and ignite flammable materials.

Suppressor temperature increases by an average of 4°C per round fired. 15 rounds fired at a rapid rate will raise the suppressor temperature to approximately 60°C above ambient air temperature.

After 15 rounds of fire, the suppressor and barrel should be allowed to cool to ambient temperature to avoid damage and reducing the service life of the components.

## **CLEANING THE SUPPRESSOR**

### **THE SUPPRESSOR MUST BE REMOVED FROM THE FIREARM PRIOR TO CLEANING**

Cleaning is recommended at intervals of 1000rds or when a noticeable shift in accuracy is noted. The recommended means of cleaning are with ultrasonic cleaning, CLP and hot soapy water.

1. Remove the suppressor from the firearm.
2. Using a CLP solution or water-based solvent, clean the tube and baffles using a stiff nylon or plastic brush to remove deposits. Use a brush to clean any debris from the threads. When cleaning avoid the use of metal tools to scrape the tube or baffles
3. Ensure suppressor is completely dry before reinstallation.
4. Lightly lubricate mating surfaces and threads with oil prior to reassembly.

## **CONTACT DETAILS**

EMAIL: [sales@wedgetailindustries.com](mailto:sales@wedgetailindustries.com)

PHONE : 1300 089958