



TACTICAL SOLUTIONSTM
MANUAL FOR THE

CASCADETM AND
CASCADE TiTM
SUPPRESSORS

The Cascade™ and Cascade Ti™.22LR suppressors are designed for both pistols and rifles. They are manufactured out of the highest quality aircraft grade aluminum and titanium. The Cascade™ has a lightweight aluminum housing with titanium threads and a titanium blast baffle for enhanced strength and performance. The Cascade Ti™ is made completely out of aircraft grade titanium for ultimate durability.

**MANDATORY USE OF FACTORY MANUAL WARNING
READ THE INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT**

This manual in no way replaces or supersedes information or instructions from your firearm manufacturer. In the event of a difference or conflict between your manufacturer's information and information contained herein, the official manufacturer's instructions shall always take precedence. Any alteration of the Cascade™ or Cascade Ti™ suppressor will void its warrantee.

Tactical Solutions will not be responsible for damage, injury or death resulting from improper, negligent or illegal use of Tactical Solutions products.

**LOADED WEAPON WARNING
ALWAYS MAKE SURE YOUR GUN IS UNLOADED BEFORE ANY WORK IS
STARTED**

NEVER CLEAN, LUBRICATE, DISASSEMBLE, REASSEMBLE OR WORK ON ANY FIREARM WHILE IT IS LOADED. KEEP ALL AMUNITION AWAY FROM THE WORK AREA.

Installation of Suppressor

1. Unload firearm; visually and physically check that the chamber is empty and magazine is removed.
2. Make sure that the threads on the barrel and the threaded part of the suppressor are clean.
3. Screw the suppressor onto the barrel making sure not to cross thread the suppressor on to the barrel. If the suppressor does not smoothly thread on to the barrel, stop and remove the suppressor and make sure the threads are clean and that the suppressor is aligned properly before screwing back on the barrel.
4. Make sure the suppressor is screwed onto the barrel snugly by hand and check periodically to make sure the suppressor is attached tightly when shooting. Caution the suppressor will be hot after using and can burn the user if proper caution is not used.

Use of Suppressor

The Cascade™ and Cascade Ti™ are designed to perform best with .22LR subsonic ammunition and to be used "dry" without any fluids added to the suppressors. The addition of any fluids to the suppressor prior to firing the suppressors may damage suppressor and will void the warranty.

Cleaning of Suppressor

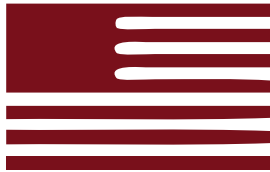
Tactical Solutions recommends frequent cleaning of your Cascade™ or Cascade Ti™ suppressor. We recommend cleaning your suppressor every 300-500 rounds for best performance.

Warning: Do not use gun solvents or chemicals that contain ammonia or acids as these solvents will damage the aluminum parts of the suppressor over time. We also do not recommend the use of ultrasonic cleaners which will also damage the aluminum parts of the suppressor. The use any of these practices to clean your suppressor will void the warranty on the suppressor.

The Cascade™ and Cascade Ti™ are sealed suppressors and are not designed to be disassembled by the user. Any disassembly of the suppressors will void the warranty.

We recommend using mineral spirits to soak the suppressor in for 12-24 hours at a time. Once the suppressor has soaked, we then recommend draining all of the mineral spirits from the suppressor and using compressed air to remove any residual mineral spirits before firing. Wipe any excess off of the exterior of the suppressor with a clean cloth.

Make sure to clean any residue off of the barrel and suppressor threads before attaching the suppressor.



**P R E C I S I O N C R A F T E D
I N T H E U N I T E D S T A T E S**

Tactical Solutions offers a manufacturer's warranty on all products for their intended purpose. Products improperly installed, abused, or altered will void all warranties.

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