



## Operating and Cleaning Manual for the SWR Spectre II

If Silencerco/SWR determines, in its sole and absolute discretion, that a returned suppressor is not covered under this warranty, for any reason, you may purchase a replacement product at 75% off the suggested retail price.

Should a suppressor require repair, the owner should contact Silencerco/SWR and make arrangements to return the suppressor. Customer must return damaged product with a legible copy of the approved ATF form and a legible written description of the problem, defect and/or malfunction. Please include in such written description the serial number of the product, and the events leading up to the issue including what ammunition has been used and any host weapons that have been used.

**LIMITED WARRANTY**  
Subject to any restrictions set forth herein, Silencerco/SWR agrees to replace and/or repair the suppressor for an unlimited amount of time. This warranty covers repair, service and replacement of damaged product caused by normal use, free of charge, only at a Silencerco/SWR facility.

**REPAIR POLICY**  
Should the sound suppressor require repair or modification, the owner should contact Silencerco/SWR either in writing or by telephone because many problems can be handled without returning the unit. If it is determined that the suppressor should be returned to the manufacturer for repair or modification, it should be shipped to Silencerco/SWR.

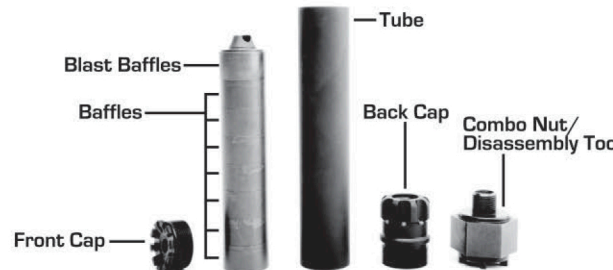
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If repairs are required due to a defect in manufacturing or materials, there will be no charge for repairs.

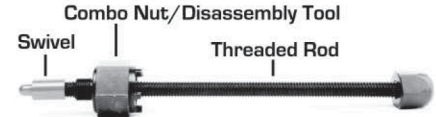
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Limited Lifetime Warranty

**Spectre II Parts Diagram**



**Optional Pusher Tool Assembly**



**\* \* \* \* WARNING \* \* \* \***  
Failure to follow installation and maintenance instructions detailed in this manual may result in serious personal injury and damage to the weapon. 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. Do not attempt to use this product unless you have specific training and experience in the use of firearms.

### Welcome

We at SWR hope that you enjoy the technological advancements that we have made to the Spectre II firearm sound suppressor. To provide for your safety and effective use of this suppressor, it is critical that the owner or any user of the suppressor read this entire manual and follow strictly the warnings and instructions in it. This suppressor is intended to be used only by sophisticated users with experience and training in the use of firearms.

**\* \* \* \* WARNING \* \* \* \***  
Because sound suppressed firearms make less noise than non-suppressed firearms, it is easy to forget that they are still firearms and capable of causing bodily injury and property damage. It is of vital importance to remember that a sound suppressed firearm is just as dangerous as a non-suppressed firearm, and the same safe handling requirements that apply to a non-suppressed firearm apply to a suppressed firearm.

### MANUFACTURER'S DISCLAIMER

The manufacturer is not responsible for improper usage of this product. This product is potentially dangerous, and, as such, it is the user's responsibility to understand and implement its proper use. If you do not understand the instructions in this manual, please contact the manufacturer for further clarification at 801-417-5384.

### General Description and Overview of the Spectre II

The SWR Spectre is small, durable and rated for full automatic fire when used on a 22lr machine gun. The Spectre is also rated for semi automatic 17HMR, 22WMMR, 22 Hornet and FN 5.7X28. The Spectre is constructed entirely from high strength stainless steel and is able to be taken completely apart for user maintenance.

Do not hold the suppressor while firing. Ensure that any spectators are rearward of the firing line and are not standing beside the suppressor while it is in use.

The suppressors must be free of obstructions such as mud, dirt, ablative medium, etc. Do NOT attempt to shoot through an obstructed suppressor.

The SWR Spectre II may be fired "wet" or "dry". If you are going to shoot "wet" put a small amount (5 cc) of ablative medium into the back of the suppressor. Any weapon fitted with a suppressor will require more frequent cleaning due to the increased back pressure and subsequent carbon/powder fouling associated with suppressor use.

**\* \* \* \* WARNING \* \* \* \***  
Before installing or removing the Spectre II sound suppressor from the host weapon, be sure that the weapon 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 your firearm user's manual/instructions and/or contact a properly licensed dealer or the manufacturer of your weapon.

### Mounting To Your Host Firearm

The Spectre series of suppressors attaches to the host firearm via a standard threaded barrel. The Spectre mounts to conventional threads with a maximum thread depth of 0.400". For proper alignment, it is essential that the suppressor thread against a 90 degree barrel shoulder.

1. Verify the host firearm is unloaded.
2. Align the mount of the suppressor to the muzzle threads on the host firearm.
3. Hand tighten the suppressor until it is seated securely against the machined shoulder on your barrel. Do NOT force the suppressor onto the barrel. If the suppressor becomes tight before seating against the shoulder or if it still feels loose after seating against the shoulder, STOP. DO NOT USE the suppressor in this condition and contact Silencerco/SWR.

### Removing From Your Host Firearm

Verify the host firearm is unloaded and unscrew the suppressor to remove. NOTE: It might be hot, please use gloves to remove the suppressor.

**\* \* \* \* WARNING \* \* \* \***  
Failure to follow installation instructions detailed in this manual can result in potential for serious injury to the user and damage to the weapon.

### Ammunition

For the Spectre to achieve maximum efficiency it is necessary to use ammunition which will remain subsonic. Silencerco/SWR suggest the use of standard velocity ammunition, specifically CCI 22lr standard velocity.

Although most high velocity bulk packed 22lr ammunition will remain subsonic in a handgun barrel we have found some of this ammunition to be unnecessarily dirty. The use of Aguila SSS 60gr ammunition is not recommended. The SSS bullet will not always stabilize and may result in damage to the sound suppressor or host firearm. Use of this ammunition will void the warranty and may create a potentially dangerous situation.

### Concentricity

The threads on the barrel must be concentric with the bore of the rifle. This ensures that the suppressor is concentric with bore, will ensure accuracy, and will limit the chance of any baffle strikes.

### Lead Warning

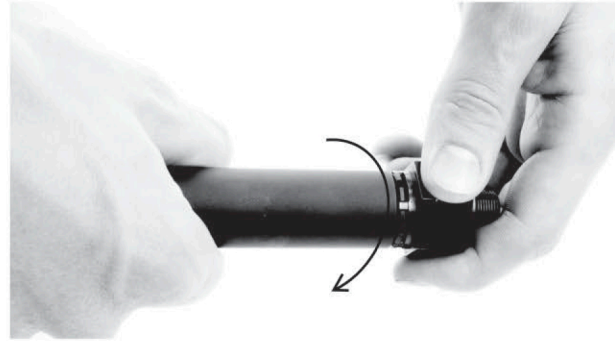
Exposure to lead is known to cause birth defects, other reproductive harm & cancer. Discharging firearms in poorly ventilate areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances know to cause birth defects, reproductive harm and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

**\* \* \* \* WARNING \* \* \* \***  
When removing the Spectre II, use extreme caution as it may be hot to the touch. Use gloves to avoid burns or other injuries.  
**\* \* \* \* WARNING \* \* \* \***  
Failure to ensure a proper fit of the Spectre II on the host weapon may lead to property damage and/or serious bodily injury.



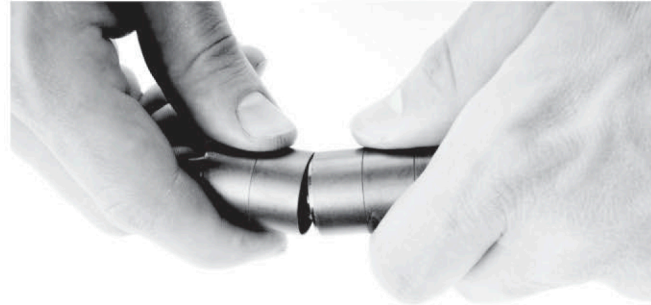
### Spectre II Disassembly

**Step 1-** Using the combo nut/disassembly tool, line the fins of the tool to the grooves in the cap, then unscrew and remove the front cap.



\*\*\*\*\* DANGER \*\*\*\*\*  
Before performing maintenance or removing and installing the suppressor, open the action, remove the magazine and be sure the chamber is empty. Failure to do so can result in property damage, injury or death.

**Step 3-** Pull apart the baffles one at a time until they are all separated.



**Step 2A-** If you are not using the optional pusher tool assembly, unscrew and remove the back cap. Then using your finger or a wooden dowel, push the baffles out of the tube by holding tightly with one hand around the tube and using the other hand to push the baffles out.



**Step 2B-** If you are using the optional pusher tool assembly, Thread the rod into the finned end of the combo nut/disassembly tool. With approximately 1/2" of the rod protruding from the 1/2x28 combo nut threads, insert the red swivel onto the tip of the threaded rod. Begin threading the 1/2x28 threads into the rear of the threaded Spectre mount, and start to screw the threaded rod clockwise. You will then feel tension as the swivel makes contact with the first baffle. Continue twisting the threaded rod until the baffles exit the front of the suppressor. When the baffles are out, remove the pusher tool by simply unscrewing the combo nut from the back cap of the suppressor.



**Helpful Hint-** Sometimes the baffle stack may get hard to separate into individual baffles. If this happens, simply place an allen key into the cone end of the baffle with the shaft of the allen key in the notch of the cone. While holding the other baffles, pry away from the baffle stack.

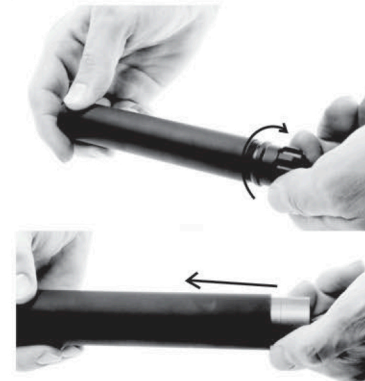


### Spectre II Assembly

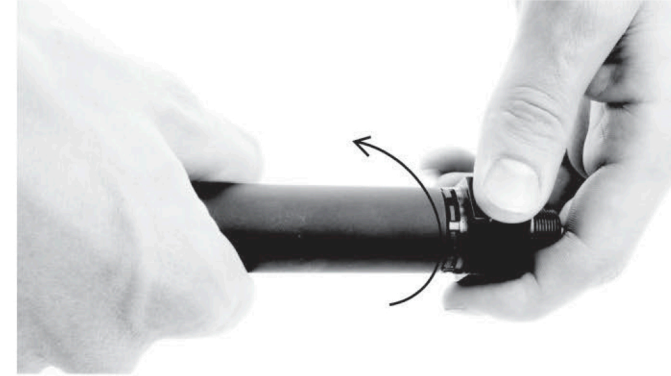
**Step 1-** Align all the baffles with the notch in the cone all in the same orientation. Then click baffles together ensuring the notches remain in that orientation. All the baffles are the same except the blast baffle. The blast baffle has a round mark that makes it easy to identify. The blast baffle is the first baffle closest to the back cap. Apply force until you see that there is no gap between the baffles.



**Step 2-** Apply the back cap on either side of the tube and hand tighten. Make sure the back cap shoulders against the suppressor tube. Slide the baffle stack into the suppressor tube, blast baffle first, until it stops against the back cap.



**Step 3-** Apply the front cap to the tube and tighten with the combo nut/disassembly tool until hand tight. It is important to note there will be a slight gap between the front cap and the suppressor tube. It is intended to be that way.



**O-ring maintenance and replacement-** Inside the Spectre II back cap there is an O-ring. The O-ring seals the gases and debris from reaching the barrel threads of the host weapon, and keeps the suppressor from coming loose while firing. This O-ring will have to be replaced from time to time. It is important to note that the Spectre will function without the O-ring in place. You will know when to replace it because you will see substantial wear and tear after heavy use or it may break and exit out the back of the silencer. There is also a O-ring on the front cap of the Spectre II. This O-ring prevents the front cap from coming loose while firing. Pay attention to the condition of this O-ring and when it starts to look worn, simply replace it.



### Cleaning

Clean the baffles, tube, and caps. The baffles do not need to be spotless; some fouling helps with sound reduction, however, the surfaces where the baffles snap to one another should be clean from any debris to ensure proper assembly. If you use a water-based cleaner, please make sure to lightly coat the baffles with a light oil or other corrosion resistant product. You may use a glass bead blaster with a light PSI setting if you desire to remove heavy fouling from the baffles. You may lightly coat the threads of the front and rear caps with anti-seize compound.

### Maintenance

The Spectre is designed to be disassembled by the end user for cleaning. Disassemble the suppressor and clean out the fouling at the following recommended intervals: 1000 rounds of rimfire (using the baffle pusher tool), Before switching from .22lr to the 5.7 round, or After using the suppressor "wet"

\*\*\*\*\* CAUTION \*\*\*\*\*  
Always read the warning label on any cleaner or solvent, and remember that virtually all solvents are inherently dangerous and potentially toxic. Always use adequate ventilation and both skin and eye protection when using organic solvents.

Note: if you have any question whatsoever about whether you are performing assembly, disassembly or cleaning of the suppressor properly and in accordance with these instructions, you may contact Silencerco/ SWR customer service at 801-417-5384 or access our web site at [www.swrmfg.com](http://www.swrmfg.com).



A Silencerco Company  
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