REPAIR POLICY

Should the sound suppressor require repair or modification, the owner should contact AWC Systems Technology 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, our representatives will provide you the appropriate shipping location.

If repairs are required due to a defect in manufacturing or materials within the warranty period, there will be no charge for repairs. Otherwise, the cost may include both time and materials required.

LIMITED WARRANTY

AWC warrants that all sound suppressors manufactured by them are free of defects in materials or workmanship for a period of one year from the date of the initial transfer from the manufacturer to first transferee. The warranty covers defects discovered during normal use of the sound suppressor and **excludes** the **exterior finish**. The company further disclaims liability for damage to internal parts caused by disintegration of partially jacketed bullets, neglect, abuse, and damage due to misalignment of the suppressor when used on a weapon other than the one to which the suppressor was fitted.

The warranty is voided if the suppressor is attached to an improperly threaded barrel. The warranty is also voided by unapproved modification of the suppressor.

AWC Systems Technology further denies any liability resulting from the use, abuse, or criminal misuse of this product.

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RAIDER™/T.H.O.R RAIDER™

OPERATIONAL INSTRUCTIONS FOR SOUND SUPPRESSOR MODEL RAIDER™ / T.H.O.R RAIDER™

MANUFACTURED BY

AWC SYSTEMS TECHNOLOGY

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Raider Rev. 01/2013

GENERAL DESCRIPTION

The original RAIDER/T.H.O.R Raider suppressor was created to meet a requirement for a highly compact and effective suppressor for the Colt M16. The primary application for the RAIDER/T.H.O.R Raider is in confined environment scenarios (inside buildings, warehouses, aircraft hangers, etc.). This is where the majority of the documented use of suppressed M16's have been used in recent history; however, in a totally open environment, such as an open field, it is equally efficient. Today the technology of the has, among other advancements in sound reduction: less weight, blow back reduction control and high tech heat dissipating ceramic exterior coating. Close quarter battle scenarios typically require a few fast semi auto shots. The Raider is capable of withstanding rapid-fire semi auto use and intelligent "full auto" bursts. The Raider is a very strong unit, constructed of 100% stainless steel with each component solidly 360 degree welded as it has been since the inception of the Raider. The Raider can be mounted on any 5.56mm rifle including all AR-15/M16 style weapons, the SIG556, Ruger M-14, HK 5.56mm and the Styer AUG.

If you wish to test your equipment, you could test this device in the environment for which it was designed. The best method is to fill a 5 gallon bucket with sand and cover it with a towel to eliminate "blow back" of sand particles. Have another shooter fire the weapon straight down into the bucket. You can observe from a distance of 10 feet or so in order to truly understand just how effective this device is. The shooter will hear sounds that do not exist to an observer. The ejection port blast and the mechanical noise of the buffer and spring are very noisy to the shooter's ear, but are not noticeable to an observer.

MOUNTING PROCEDURES

IMPORTANT NOTE: The AWC special 2 piece lock washer accompanying your RAIDER should be used. **DO NOT** mount with any other washer:

1) Remove the flash suppressor and lock washer from the barrel.
2) Put the first special washer on the barrel, making sure that the sharp teeth side of the washer is against the barrel shoulder.
3) Put the second washer on the barrel, making sure the cam surface side of the washer is against the first washer. This means that when you attach the suppressor, the sharp teeth side of the second washer fits against the rear of the suppressor.
4) Brace the buttstock of the weapon so that both hands are available to **very firmly** tighten the suppressor to the barrel.

AMMUNITION

We recommend the Federal and Remington brand of ammunition. They have proven to be cleaner and more accurate rounds than other brands tested. They also produce less flash than most other types.

MAINTENANCE

The Raider is practically maintenance free. It is highly recommended that the weapon be serviced at the same time using bore solvent or foam. Users can occasionally flush and agitate the suppressor with hot soapy water to remove propellant particles followed by flushing with hot water or denatured alcohol to remove any residue. Perform the fast soaking procedure twice. Draining is best accomplished from the barrel mounting end. Complete drainage/ drying is not necessary. If you have access to compressed air it is recommended to blow compressed air through both ends of the suppressor after cleaning. Some smoking may occur on the first magazine until the excess oils are burned off and expelled from the suppressor.

AWC offers a suppressor water jet cleaning tool to assist in the cleaning process which attaches directly to standard water hose spec threads. The tool is not a regulated item and can be purchased and shipped directly to a user at any address.

These procedures are intended to insure a long service life of your AWC Raider Suppressor System.

ADDITIONAL

It is acceptable to use the Raider on your .22LR weapons utilizing coated standard or high velocity ammunition.