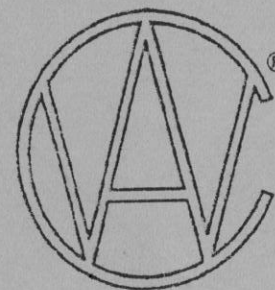


**TM-M3**

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**BASIC INSTRUCTIONS FOR  
SOUND SUPPRESSOR MODEL**

**M3™**



**AWC®**

**AUTOMATIC WEAPONS COMPANY**

## INSTRUCTIONS FOR AWC SUPPRESSOR MODEL M3

The AWC Model M3 suppressor is intended for use only with the U.S. submachine gun Model M3 or M3A1.

The Model M3 suppressor is a suppressed barrel assembly of coaxial design utilizing a ported barrel in the rear chamber to decrease blowby of propellant gases. It uses a porting system similar to the original OSS suppressor for the US submachine gun model M3.

Measuring two inches in diameter, the length of the suppressor is fourteen inches.

Installation of the suppressor on the weapon consists of removing the existing barrel and replacing it with the suppressed barrel assembly. Removal is the reverse of installation.

### PARTIAL DISASSEMBLY FOR CLEANING

1. Disassembly for cleaning and maintenance requires no specialized tools.
2. While holding the outer tube of the suppressor and the barrel mount in one hand, unscrew the front endcap with the other hand. Remove the outer tube by sliding it forward.
3. While holding the central core with one hand, unscrew the barrel and its integral mount from the rear of the suppressor.
4. The central core does not require disassembly for maintenance, and any attempt at disassembly is to be discouraged.

### CLEANING

1. Clean the barrel utilizing standard powder solvents, brushes, and oil. Immerse the central core in solvents such as WD-40, Varsol, carburetor cleaners, or lacquer thinner.
2. The core can be brushed with a test-tube brush or a bristle 20 gauge shotgun bore brush. DO NOT use ammonia based solvents, such as Hoppe's, on the aluminum parts of the central core or outer tube. Soap and water may be used also. The inside of the outer tube and

the front end cap can also be flushed and brushed with the same solvents used for the central core.

3. Absolute cleanliness is not a requirement for proper performance of the suppressor.
4. Spray the inside and outside of the central core with a Teflon based lubricant, such as Break Free to decrease the carbon build-up on the parts. The central core drains to the rear.

### REASSEMBLY

1. Apply some anti-sieze compound to the threads on the end of the barrel and screw it hand-tight into the rear section of the central core.
2. A rubber "O" ring (1-3/4 inch diameter, 1/16 inch thick) is normally used as a gas seal where the outer tube butts against the barrel mount. This is not absolutely necessary, and in its place a small amount of thick grease or Vaseline can be smeared on the area where the tube joins the barrel mount. Slide the outer tube over the central core.
3. Apply some anti-sieze compound to the threads of the front end cap. Apply a small amount of grease or Vaseline to the outer rim of the front endcap where it will slide inside the outer tube.
4. Screw the front endcap in place finger tight only. There is no necessity whatsoever to attempt to tighten the parts excessively, and so doing may well make subsequent disassembly exceptionally difficult.

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