

SEI M14DC & M4DC Sound Suppressor Installation Instructions

Quick guide to proper installation and removal of
SEI Direct Connect (DC) sound suppressors.

The information on this fact sheet will enable the user to properly install and remove the 5.56mm M4DC and 7.62mm M14DC Sound and Flash Suppressors from host weapons that have been fitted with the SEI Vortex® G6A2 configuration sound suppressor-capable flash eliminator. The M14DC and M4DC Sound and Flash Suppressors will connect to any other flash eliminator or muzzle device. SEI assumes no liability for the misuse of these component items or the non-use of SEI components.

STEP 1: Unscrew Knurled Locking Collar until Locking Tabs are exposed. You may need to use a pointed tool (e.g. round of ammo) to free Locking Tabs from their recesses. Tabs are secured to collar by a hinge pin.

STEP 2: The “windows” in the Locking Collar will not be exposed, so when the suppressor is properly seated, the Locking Tab will be seen in the groove of the suppressor’s flutes .

STEP 3: The Locking Tabs can now be closed upon Recessed (circular) Locking Collar (groove) at the rear of the flash eliminator. If the suppressor is not properly aligned in this Locking Collar, the Locking Tabs will not seat (i.e., close) all the way and the collar cannot be tightened over the tabs.

STEP 4: Screw the diamond-patterned Knurled Locking Collar to the right (clock-wise) over the tabs until hand tight. Do not over-tighten.

STEP 5: To insure suppressor is secured to Vortex flash eliminator, attempt to pull suppressor forward (i.e. away from muzzle). If suppressor has been installed properly, the unit is now ready for operational use.

To remove the M4DC or M14DC Sound Suppressor, the operator merely reverses the process.

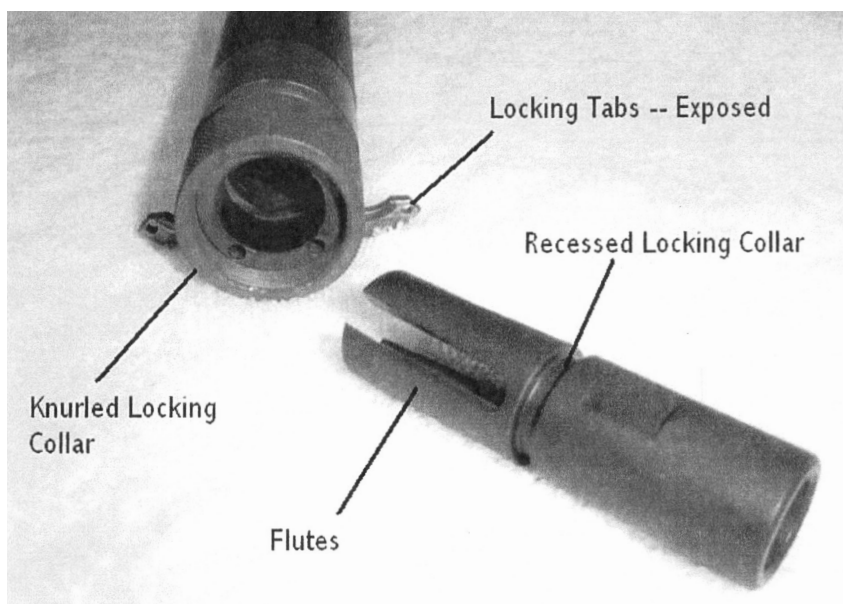


Fig. 1 View of SEI Vortex® sound suppressor-capable flash eliminator and rear of SEI M14DC sound suppressor. Locking tabs of sound suppressor are exposed and locking collar is unscrewed all way.

NOTES:

1. The Vortex® Flash Eliminator is a precision device - not just an ordinary issue flash eliminator. The Vortex has been manufactured in such a way that resistance will be met when first installing the Vortex into the body of the sound suppressor coupler. This phenomenon is due to the fact that the Vortex was made in such a way that the first half of the flash eliminator's flutes are slightly flared to give a spring tension effect. This spring tension effect will remain intact over time.
2. The 7.62mm NATO caliber M14DC Sound Suppressor can be used safely and effectively on the M-4 and M-16 family of weapons when the host weapon has been fitted with a Vortex G6A2 suppressor-capable flash eliminator. However, a 5.56mm M4DC Sound suppressor **CANNOT BE USED UNDER ANY CIRCUMSTANCES ON A 7.62MM WEAPON WITHOUT SEVERE INJURY OR DEATH.**
3. Since SEI suppressors are rebuildable designs, all internal components are installed with XF-7 grease (will not burn off even when torch flame is directed straight on it), so as to facilitate easy removal during rebuild or maintenance as required. Always ensure to use our XF-7 grease when reinstalling internal components. XF-7 aka Crazy Horse grease is non toxic as well.
4. The Smith Enterprise Inc. M4DC Sound Suppressor is only available to the US Government, law enforcement and through Foreign Military Sales.
5. The mark "Vortex"® is a federally registered trademark owned by Smith Enterprise, Inc.
6. For further questions - email smithent@qwest.net