

416-SD

GENERAL DESCRIPTION

The **416-SD** silencer and flash hider system is designed to reduce the sound and visible flash signature of the Heckler & Koch 416 family of rifles. The system is comprised of an AAC flash hider and a 416-SD fast-attach silencer. The AAC 416-SD silencer can be installed in under three seconds with minimal effort.

DANGER

Silencers for assault rifles are known to reach temperatures in excess of 800 degrees Fahrenheit under normal use. The 416-SD silencer and flash hider system is designed to withstand full-auto fire. Users must be vigilant in preventing contact between a 416-SD silencer and flash hider system with skin, clothing, and combustible objects during and after use.

NOTES ON USAGE

The AAC 416-SD silencer is constructed of welded 718 Inconel and 316L SS and will easily withstand full-auto firing. Users should dismount and reinstall the silencer after every 200 rounds of use (after it has cooled to the point it can be grasped with a heat resistant glove or bare hand) to prevent vaporized copper from potentially fusing the silencer to the flash hider.

TECHNICAL SPECIFICATIONS

Calibers	5.56 x 45mm
Silencer Materials	718 Inconel & 316L SS
Flash Hider Materials	High Temperature SS
Weight	17.1 oz.
Length (O.A.)	6.625 in.
Diameter	1.5 in.
SPL Reduction	30-35dB
Silencer Finish	Moly Resin™
Flash Hider Finish	SCARmor™

INSTALLATION OF AAC FLASH HIDER

1a.) Refer to your firearm's operator's manual for weapon safety features and handling techniques. Remove the magazine from the host firearm, secure bolt to the rear, and set the weapon select lever on "SAFE."

1b.) The AAC flash hider couples to the host firearm using the supplied Rocksett adhesive and the tooling and materials listed below.

Parts Required:

- (1) Flash Hider AAC SUPPLIED
- (1) Wrench, Combination, for M16 (NSN: 4933-00-070-9152)
- (1) Wrench, Torque (NSN: 5120-00-640-6364)
- (1) 7/8" Adapter for Torque Wrench
- (1) Protective Vice Jaws (Varies with host weapon manufacture)
- (1) Solvent (Acetone, Lacquer, or Paint Thinner)
- (1) Rocksett adhesive AAC SUPPLIED

1c.) Using Combination Wrench and Protective Vice Jaws, remove existing flash hider and washer if present. Discard washer.

IMPORTANT

DO NOT USE ANY TYPE OF WASHER between the AAC flash hider and the barrel of the host weapon.

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INSTALLATION OF AAC FLASH HIDER (continued)

1d.) Clean shoulder of barrel and exposed barrel threads thoroughly with solvent. Rust, grease, oil, and other contaminants MUST be removed.

1e.) Thoroughly de-grease and dry the threads on the inside of the AAC flash hider with a Q-tip and solvent.

1f.) Apply and distribute 3-4 drops of Rocksett adhesive to the muzzle threads of the weapon and the threads inside of the AAC flash hider.

Once Rocksett adhesive has been applied to the mating parts of the host weapon muzzle and the AAC flash hider, the parts must be assembled quickly.

1g.) Screw the AAC flash hider onto the muzzle threads against the barrel shoulder behind the threads.

1h.) Set the torque wrench for a value between 20 and 30 ft-lbs. Using the torque wrench and 7/8" adapter, quickly torque the AAC flash hider onto the host weapon barrel.

1i.) Wipe off any excess Rocksett adhesive. Allow adhesive to cure overnight.

INSTALLATION OF 416-SD SILENCER

1) Set the host weapon on "SAFE." Remove the magazine, lock the action open, and verify the chamber is empty.

2) Inspect the threads on the exterior of the AAC flash hider and interior of the 416-SD silencer to ensure they are free of obstructions and undamaged.

3) With the muzzle pointed away from you and in a safe direction, slide the 416-SD silencer over the AAC flash hider until the external threads on the flash hider engage the internal threads of the silencer. Rotate the silencer by hand counter-clockwise 1.5-2 turns, until the shoulder at the rear of the flash hider engages a mating surface within the silencer and will no longer turn (See Figure 1). As the silencer is threading onto the flash hider, teeth on the ratchet latch will engage the serrations on the rear of the flash hider. This will prevent the silencer from unscrewing during use.

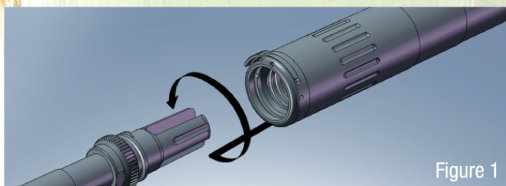


Figure 1

WARNING

It is imperative users ensure the 416-SD silencer is securely attached to the AAC flash hider before firing. Failure to do so can result in damage to the silencer, host weapon, and injury to the user and others.

REMOVING SILENCER

1) Set the host weapon on "SAFE." Remove the magazine, lock the action open, and verify the chamber is empty.

2) Once the silencer has reached a temperature where it can be grasped with a bare hand or a heat-resistant glove, depress the thumb latch (indicated by the arrow), and unscrew the silencer from the flash hider in the indicated direction (See Figure 2).

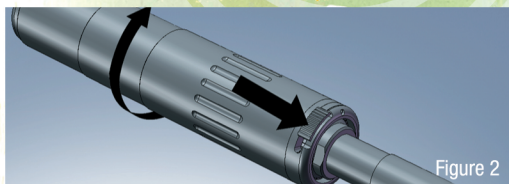


Figure 2