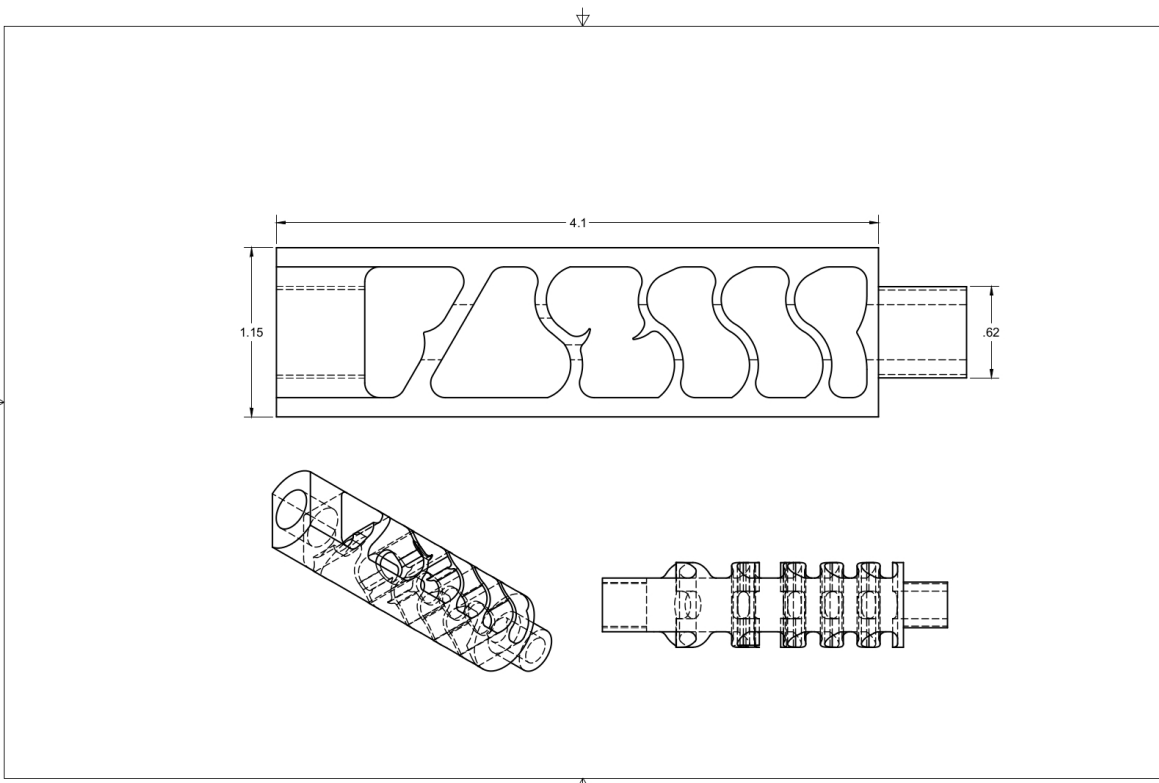




DELTA S

Delta S DS9 Series Service Manual



THE BASIC RULES OF SAFE FIREARMS HANDLING

1. ALWAYS treat every gun as if it were loaded.
2. ALWAYS be sure the barrel is clear of any obstruction.
3. ALWAYS be sure of your backstop, what lies beyond, and the safety of bystanders before you shoot.
4. ALWAYS use clean, dry, original factory-made ammunition of the proper type and caliber for your gun.
5. ALWAYS wear ear protection and safety glasses when shooting.
6. ALWAYS carry your gun so that you can control the direction of the muzzle if you fall or stumble.
7. NEVER shoot at a flat surface or water.
8. DO NOT leave an unattended gun loaded. Guns and ammunition should be stored separately, locked if possible, beyond the reach of children, careless adults, and unauthorized users.
9. NEVER allow your firearm to be used by anyone who has not read and understood this operator's manual.
10. DO NOT point any gun, loaded or unloaded, at any undesired target.
11. NEVER fire your firearm near an animal unless it is trained to accept the noise; an animal's startled reaction could injure it or cause an accident.
12. NEVER drink alcoholic beverages or take drugs before or during shooting, as your vision and judgment could be seriously impaired, making your gun handling unsafe.

Cleaning

ONLY USE CLEANING AND LUBRICATION PRODUCTS THAT ARE SPECIFICALLY DESIGNED FOR USE ON FIREARMS.

DO NOT USE WIRE BRUSHES ON ALUMINUM SURFACES SUCH AS THE RECEIVERS OR QUAD RAILS AS THIS MAY SCRATCH THE FINISH.

READ ALL WARNING LABELS AND OBTAIN MATERIAL SAFETY DATA SHEETS ON ANY CLEANING, LUBRICATION, AND PROTECTIVE CHEMICALS USED.

CLEANER, LUBRICANT, PROTECTANT IS COMMONLY REFERRED TO AS "CLP".

SOME BORE CLEANERS ARE NOT MEANT TO BE LEFT IN THE BORE FOR EXTENDED PERIOD OF TIME.

FOLLOW ALL MANUFACTURER'S INSTRUCTIONS AND CAUTIONS WHEN USING CLEANING OR LUBRICATION PRODUCTS ON FIREARMS.

SOLVENT IS A GENERIC TERM AND WILL BE USED TO DESCRIBE A GENERAL BORE CLEANING SOLUTION

Cleaning the Bore

DO NOT USE PATCHES- USE BORESNAKE OR SIMILAR CAPTURED CLEANING SYSTEM

Cleaning the Chamber

Keep muzzle pointed upward to keep chamber residue from running down into the cleaned bore.

1. Use a chamber brush coated in solvent to clean chamber.
2. Use a minimum of five (5) plunge strokes and three (3) 360 degree clockwise rotations.
3. Clean residue with cotton patches, swabs, or a chamber mop.

Cleaning the Bolt

A cotton patch or a soft toothbrush and solvent can be used to complete the following steps:

1. Clean all fouling from around the bolt face.
2. Clean all fouling from bolt body.
3. Use a pipe cleaner to clean firing pin channel.

Cleaning the Bolt Carrier

1. Clean all fouling from bolt carrier body.
2. Clean the ejector channel in the carrier with a brush or cotton swabs.
3. Perform a Function Check of the Delta S integrally suppressed pistol.
4. With the Delta S pistol and one UNLOADED magazine perform a function check of the firearm as outlined below in steps 1-13.
5. **THE FUNCTION CHECK SHOULD ALWAYS BE DONE AFTER CLEANING AND ASSEMBLING THE RIFLE. ALWAYS VISUALLY AND PHYSICALLY CLEAR THE FIREARM FIRST! (SAFE/SEMI ONLY)**
6. 1. Insert an empty magazine into the magazine well until it locks into place.
7. 2. Pull down on the magazine to ensure it is locked in place by the magazine catch.
8. 3. Pull charging handle fully back then push it forward into locked position. The bolt carrier should now be held to the rear by the bolt catch.
9. 4. Depress the magazine catch.
10. 5. The magazine should fall free of the rifle under its own weight (unloaded).
11. 6. Push the top of bolt catch on the left side of the lower receiver, or the bolt release on the right side to release the carriage assembly. The carriage assembly will travel forward into the locked position.
12. 7. Rotate the fire control selector to "SAFE".
13. 8. Press the trigger to the rear. The hammer should not fall.
14. 9. Rotate the fire control selector to "SEMI".
15. 10. Press the trigger to the rear and keep it pressed, do not release it. You should hear a loud click as the hammer releases. Keep the trigger pressed to the rear.
16. 11. Pull the charging handle to the rear and release it while keeping trigger pulled. Hammer should not fall but be held in the cocked position by the disconnect.
17. 12. Release the trigger. A click should be heard as the hammer is caught by the trigger sear.
18. 13. Press the trigger to the rear again and the hammer should fall.

Keep the safety "ON" unless actually firing. Always move the safety to its intended position and check it. The safety is not "ON" unless it is completely "ON." Never depend on a safety mechanism or any other mechanical device to justify careless handling or permitting the rifle to point in an unsafe direction. The only "SAFE" firearm is one in which the bolt is open, the chamber is empty, and there is no magazine in the gun.

Suppressor Cleaning

Your suppressor has been treated with a proprietary chemical to mitigate carbon adhesion. We do not recommend the use of solvent. To remove suppressor for cleaning, remove handguard and unscrew end cap (no metal tools). Remove tube, light brushing of carbon is recommended. Reassembly, lightly lubricate o rings and end cap threads. Slide tube until seated on rear plate and hand tighten end cap. End cap does not require excess torque just hand tight is plenty.

Warranty and Repair

BATFE no longer requires transfer on a Form 5 to the manufacturer for repair. BATFE does require a letter accompanying the suppressor detailing the repairs or modifications required. BATFE requires proof of ownership satisfied by a photocopy of the front of the owner's form 3,4, or 5.

Your DS9 is covered for limited lifetime warranty against flaws in craftsmanship. Failures or claims related to normal wear and use do not fall under our warranty.

We do not recommend the use of 147g ammunition in our suppressor systems.

Use of poor quality ammunition or reloads will result in void of expressed warranty.

Warranty claims, service or technical information should be sent to:

**MCM Firearms 1251 n Midland blvd . Nampa ID 83651
Info@mcmfirearms.com
208-405-6000**