

WARRANTY

SureFire warrants our suppressors and suppressor related products to be free from defects in workmanship and materials for the lifetime of the original owner. We will repair, replace, or refund your original purchase price of a product if it is determined by SureFire to be defective. This warranty does not cover normal wear and tear, damage to the suppressor resulting in whole or in part from unauthorized repairs, unstable or non-SAAMI/NATO specification ammunition, abuse, misuse, or neglect. Unwarranted repairs to the suppressor, including but not limited to core rebuilds, made necessary by any of these factors will be invoiced to the owner who will be given the right to approve such work before it commences. BSD's and BFA's are designed to be used with blank ammunition only. Any damage due to live fired rounds is not covered by this warranty and cannot be repaired. SureFire assumes no responsibility whatsoever and will honor no claims for damages, regardless of nature, for physical injury or property damage resulting from careless and/or irresponsible handling, adjustments to the suppressor and/or suppressor related products, neglect or abuse.

DISCLAIMER

The above warranties are exclusive, and to the extent permitted by applicable laws, shall be in lieu of all other warranties, expressed or implied, including, without limitation, any warranty of merchantability or fitness for a particular use or purpose. SureFire disclaims any and all liability for product malfunctions, physical injuries, or property damage that result in whole, or in part, from the criminal, negligent, or improper use of the product: and/or from modifications or alterations thereto. In no event shall SureFire be liable for any incidental, special, or consequential damages relating to the purchase, use, or performance of any SureFire product.

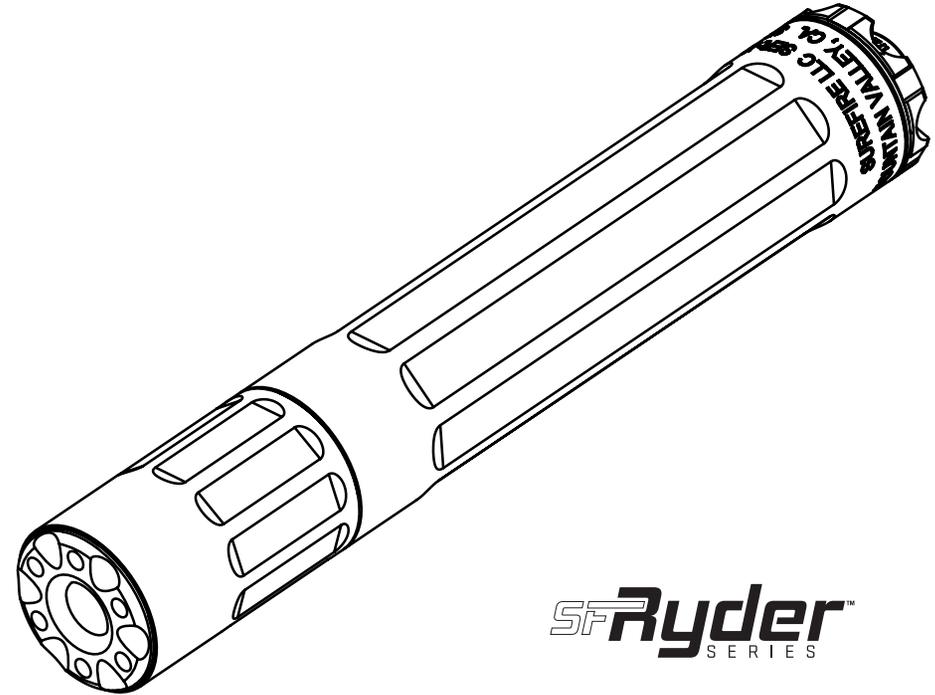
WARRANTY CLAIMS

For repair or replacement email Technical Support at technicalsupport@surefire.com or contact Customer Service at 800-828-8809 (toll free) or 714-545-9444 and obtain a Return Merchandise Authorization number (RMA#). An initial request for RMA can also be submitted through the link on www.surefire.com. You may be supplied with additional shipping instructions specific to the product being returned. Package the unit carefully and in accordance with all instructions then return to the mailing address provided (no CODs please). SureFire will pay any reasonable shipping costs to return the unit to you. ©2019 SureFire, LLC. All rights reserved.

SF® RYDER 9M-Ti

SOUND SUPPRESSOR FOR 9 mm PISTOLS & RIFLES
with 1/2x28 and M13.5x1 LH THREADS

SF RYDER 9M-Ti-1/2-28
SF RYDER 9M-Ti-M13.5X1 LH



SF Ryder
SERIES

		SF RYDER 9M-Ti
SPECIFICATIONS	CALIBER	9 mm
	CONSTRUCTION	Titanium Tube, Front Plate, Rear Cap, Stainless Steel Baffles
	COATING	Cerakote™ Finish
	DIAMETER	1.25 in (3.2 cm)
	LENGTH	5.9 in (14.9 cm) 7.9 in (20 cm)
	ADDED TO WEAPON*	5.5 in (14.0 cm) 7.5 in (19 cm)
	WEIGHT	9.0 oz (255 g) 11.0 oz (311 g)

Revision D 7-2020

71-01-1008

SF RYDER 9M-Ti-1/2-28

SF RYDER 9M-Ti-M13.5X1 LH

DOPSR REF# 20-S-1556



18300 MT. BALDY CIRCLE
FOUNTAIN VALLEY, CA 92708-6122
WWW.SUREFIRE.COM



SF® RYDER 9M-Ti

INTRODUCTION

The SureFire RYDER 9M-Ti Modular 9 mm suppressor is designed to be adjustable for overall length by the end user. When leaving the modular section installed this length mimics the same overall length and performance of the standard RYDER 9-Ti. This 2-inch section can be removed when full-length is not required or when maximum suppression is not desired on either a 9 mm handgun or 9 mm carbine. Additionally the SF-SPCR-9 Fixed Barrel Spacer (sold separately) is recommended when shooting a fixed barrel firearm, or a 9 mm carbine weapon system.

KIT CONTENTS

The SF RYDER 9M-Ti ships standard with the following items:

- SF RYDER 9M-Ti Suppressor (assembled)
- Disassembly/Assembly Tool
- Baffle Removal Tool
- Suppressor Holster
- User Manual

ATTACHMENT/REMOVAL

The SF RYDER 9M-Ti attaches to any 9 mm pistol or long-gun barrel threaded in 1/2 x 28 or M13.5x1 LH.

⚠ WARNING

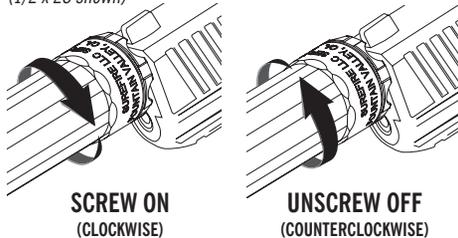
ALWAYS confirm weapon is unloaded and on SAFE before attaching or removing

To attach the SF RYDER 9M-Ti, align the muzzle threads with the suppressor threaded piston and screw the suppressor on clockwise (or counterclockwise with the M13.5x1 LH) until hand tight.

⚠ CAUTION: Suppressor may be extremely hot after firing the weapon. Allow the suppressor to cool or wear appropriate gloves before removing.

To remove the SF RYDER 9M-Ti, unscrew the suppressor counterclockwise (or clockwise for the M13.5x1 LH) and remove the barrel.

(1/2 x 28 shown)



The SF RYDER 9M-Ti Modular Suppressor ships with the module installed.

For removal of the modular section rotate counterclockwise from the main body of the suppressor. Once removed from the main body use the Disassembly/Assembly Tool to additionally remove front plate from the modular section. This can be accomplished by inserting the tool pins

into the blank holes of the front plate and turning counterclockwise. Then install front plate into the threaded portion of the main body of the suppressor by turning clockwise until hand tight.

PISTON REMOVAL

Unscrew rear cap with the back end of the Disassembly/Assembly Tool by turning counterclockwise and remove. Pull piston spring and piston clear of the suppressor tube.

PISTON ASSEMBLY

Place piston into suppressor back section and place spring or fixed barrel spacer (with spring facing rear) over piston shaft. Place rear cap over exposed piston shaft, push until flush with suppressor tube, and tighten until hand tight by turning clockwise.

Note: Rear cap should only be tighten by hand. Tool is only to be used for disassembly.

DISASSEMBLY

1. Insert the Disassembly/Assembly Tool Central Rod into the bore of the suppressor front plate. Align the Disassembly/Disassembly Tool pins with the blank holes in the suppressor front plate and push the tool snug against the front plate. (Fig. 1)
2. Rotate the Disassembly/Assembly Tool counterclockwise while holding or rotating the suppressor clockwise, until the front plate is unscrewed. (Fig. 2)
3. Unscrew the threaded baffle by using the Disassembly/Assembly Tool until loose and remove from the modular section (Same action is required with main body as well).
4. Push baffle stack through the front of the suppressor tube with the Baffle Removal Tool. The Baffle Removal Tool is designed to interface with the shear cut of the baffle.

Note: After the suppressor has been shot the baffle stack may become difficult to push through. If this is the case, place the Baffle Removal Tool on the Disassembly/Assemble Tool main rod and rotate until it mates with the shear cut on the baffle. Use the tool for leverage to push the baffle stack through. Remove the Baffle Removal Tool once the baffle stack has been pushed through the suppressor tube.

CLEANING

The SF RYDER 9M-Ti should be cleaned periodically to ensure optimal performance. Recommended cleaning of the suppressor piston is at least every 300 rounds – and the baffles every 1,000 rounds. Clean the baffles with non-flammable cleaning solvent. Wipe the baffles dry with a clean, dry cloth or cleaning patches. Clean sooner if there is noticeable carbon buildup or any sacrifice in sound attenuation.

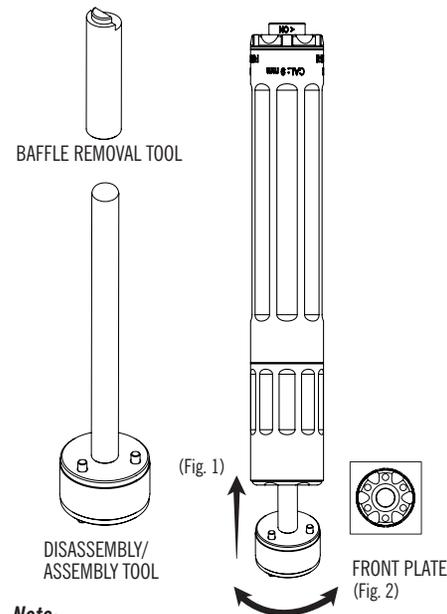
MODULAR SECTION ASSEMBLY

1. Place Baffle #1 (threaded) onto Disassembly/Assembly Tool.
2. Slide Baffle #2 onto central rod of tool and align with index tab. Repeat process with Baffle #3.
3. Slide modular tube over modular baffle stack on tool and twist clockwise until hand tight.

Note: If modular section is being used when firing suppressed, additionally install front plate, using tool to tighten.

MAIN BODY ASSEMBLY

1. Place Baffle #4 (threaded) onto Disassembly/Assembly Tool.
2. Slide Baffle #5 onto central rod of tool and align with indexing tab. Repeat process with Baffle #6
3. Slide Spacer onto baffle stack.
4. Slide main body suppressor tube over baffle stack on tool and turn clockwise until hand tight.



Note: Insert tool pins into front plate and/or rear cap tool holes.

