

HANNIBAL RAIL **INSTALLATION INSTRUCTIONS**

COMPATIBLE FOOTPRINTS:

- Trijicon RMR[®]
- Leupold DeltaPoint[®] Pro
- C-MORE
- Vortex VENOM[®]

PACKAGE CONTENTS:

- Installation instructions
- Hannibal rail
- Barrel clamp
- 2" Picatinny rail section
- QD swivel mount
- Blue thread locker

Screws:

- 4X 10-32 x 3/8 low head screw (2X 2" picatinny rail section, 2X QD swivel mount)
- 4X 6-32 x 3/8 socket head screw (2X barrel clamp, 2X micro red dot optional)
- 2X MR1 pins (Trijicon RMR[®], Leupold DeltaPoint[®] Pro)
- 2X MR2 pins (C-MORE, Vortex VENOM[®])

Hex Wrenches:

- 9/64"
- 7/64"
- 3/32"
- 1/16"

⚠ Always make sure your firearm is unloaded and the work area is clear of ammunition before beginning installation of the Hannibal Rail or performing any sort of maintenance.

! IMPORTANT: With the large number of micro red dots currently available on the market, along with any that may come out in the near future, it is impossible to guarantee that every single one will be compatible with the Hannibal Rail. Whether it's minor changes in the optic footprint, or differences in the optic mounting screw thread pitch, our customer service will do everything they can to answer any compatibility questions you may be having.

! IMPORTANT: Two versions of the Hannibal Rail are currently offered. Refer to the Ruger[®] serial number lookup on their website if you are unsure what year your rifle was manufactured. It is very important that the correct combination of Hannibal Rail and barrel type is used. If during installation there are any fitment concerns, immediately stop and contact our customer service.



Factory flanged barrel.

SKU 03-00265-01 (black) and 03-00265-11 (natural/gray) are compatible with most Ruger[®] Mini-14[®] and Mini-Thirty rifles with a factory flanged barrel manufactured in 2008 or later and with serial numbers beginning with 580 and higher.



Factory straight pencil barrel.

SKU 03-00268-01 (black) and 03-00268-11 (natural/gray) are compatible with most Ruger[®] Mini-14[®] rifles with a factory straight pencil barrel manufactured in 2007 or earlier and with serial numbers beginning with 180 and higher, but not including 580 and higher.

1. Remove the magazine and put the safety in the "ON" position. Pull the slide handle all the way to the rear and release. The hammer must be cocked for disassembly and reassembly.

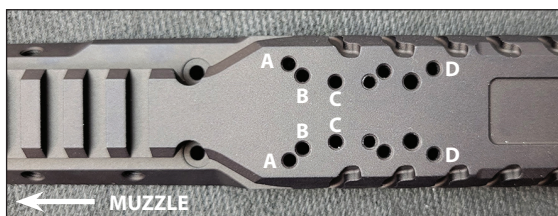


2. Remove the factory plastic handguard from the barrel. Remove the top gas block and four 8-36 socket head screws using the 9/64" hex wrench. Set the screws aside, as they will be needed in a later step. The top gas block is no longer needed but should be kept in a safe place if the rifle ever needs to be restored to its original configuration.



3. If installing a micro red dot, determine what common footprint layout it uses. The letters on the image indicate where the 2 MR locating pins need to be installed for the corresponding optic footprint listed below:

- A. Trijicon RMR[®]
- B. Leupold DeltaPoint[®] Pro
- C. C-MORE
- D. Vortex VENOM[®]



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INSTALLATION INSTRUCTIONS (continued)

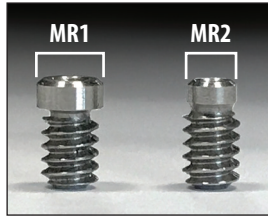
4. Select the proper threaded MR locating pins and apply a small amount of the included medium strength thread locker. The MR1 pins have a wider head and will bottom out when installed. The MR2 pins have a narrow head. It is very important for these pins to stick up high enough to engage the red dot, but not too high where the red dot doesn't sit flat on the Hannibal Rail.

Use **MR1** pins (Left) for:

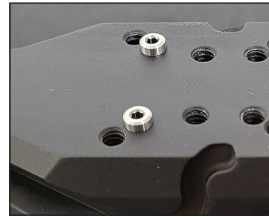
- Trijicon RMR®
- Leupold DeltaPoint® Pro

Use **MR2** pins (Right) for:

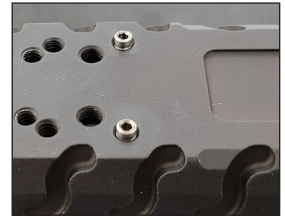
- Vortex VENOM®
- C-MORE



MR1 pin (left); MR2 pin (right).



MR1 pins in position B for Leupold DeltaPoint® Pro optic.

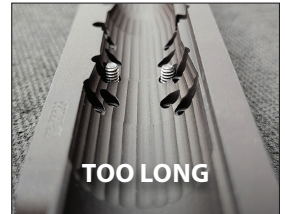


MR2 pins in position D for Vortex VENOM® optic.

5. Temporarily mount the micro red dot to the Hannibal Rail using 2 of the included 6-32 socket head screws and the 7/64" hex wrench, or using the screws that came with the optic. If the screws are too long, they may contact the barrel and cause problems. For ease of assembly, remove the micro red dot for now.



CORRECT LENGTH

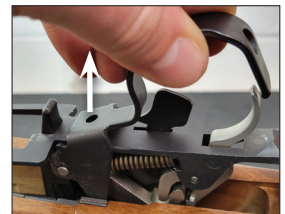


TOO LONG

6. Place the Hannibal Rail on the barrel and align the 4 front tapped holes with the 4 holes in the bottom gas block. Apply the included medium strength thread locker to the 4 gas block screws. Evenly install the 4 gas block screws and tighten in a crisscross pattern until snug. Ensure there is equal spacing on the left and right side between the lower gas block and the Hannibal Rail.



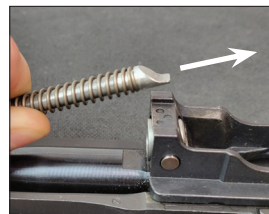
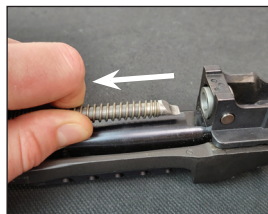
7. Insert a 1/4" steel rod, punch, screwdriver, or other suitable instrument into the hole in the rear of the trigger guard. Lift up, using the tool as a lever to spring open the trigger guard from its latched position. Remove the trigger housing assembly by carefully pulling it upward. Be careful not to damage the stock when removing or replacing the trigger housing.



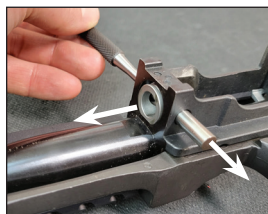
8. Remove the barrel/receiver assembly from the stock by lifting the rear of the assembly out of the stock and then pulling the stock rearward out of engagement with the gas block.



9. Using caution, grab the compressed recoil spring and guide rod and move them toward the muzzle to slightly compress the spring and disengage the rod from the receiver. Lift the guide rod and spring away from the barrel and remove from the slide assembly.



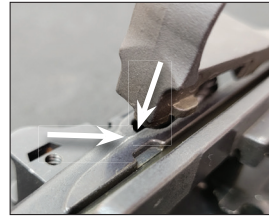
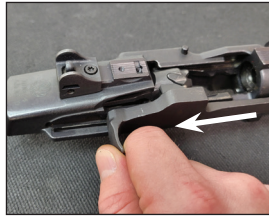
10. Remove the buffer cross pin and buffer bushing from the receiver.



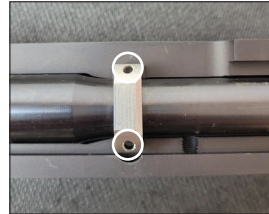
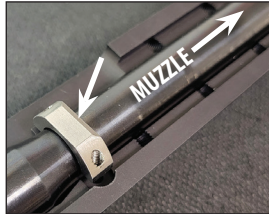
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INSTALLATION INSTRUCTIONS (continued)

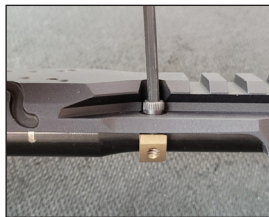
11. Pull the slide handle to the rear. Align the locking projection on the slide with the disassembly notch on the receiver. Pull the locking projection through the disassembly notch and rotate the slide upward and out of the receiver. Keep the bolt in the receiver, it does not need to be removed.



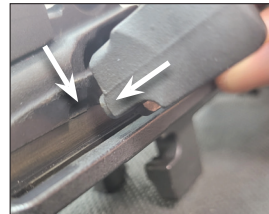
12. Place the barrel clamp onto the bottom of the barrel, ensuring the 2 tapped holes line up with the two through holes on the Hannibal Rail. The notch in the barrel clamp must face the muzzle.



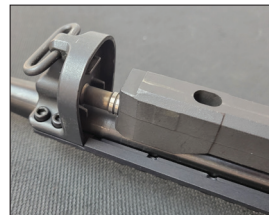
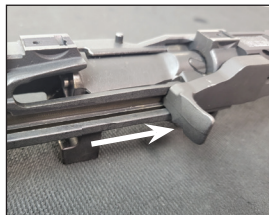
13. Apply the included medium strength thread locker to two 6-32 X 3/8 socket head screws. Install these screws through the top of the Hannibal Rail using the 7/64" hex wrench and thread them into the barrel clamp, ensuring they are evenly installed and secure.



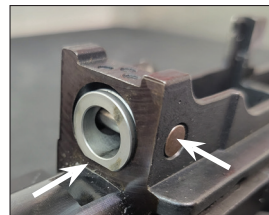
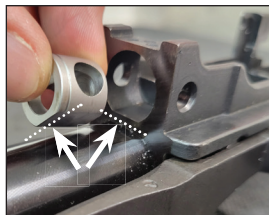
14. Retract bolt. Replace operating slide by angling the handle portion upward between the Hannibal Rail and receiver ring. Lower the slide so that the cam track on the inside of the rod fits over the roller on the right locking lug of the bolt, and the tab adjacent to the slide handle goes into its track on the right side of the receiver.



15. Push the operating rod fully forward. Be sure that the gas piston fits into the hole in the front of the slide.



16. Replace buffer bushing and cross pin, with the open end of the bushing facing toward the muzzle and the 2 flat faces aligned. The cross pin must be below flush with both sides of its hole.



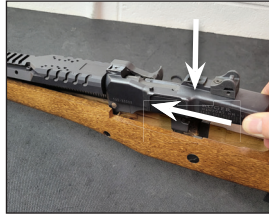
17. Using caution, insert recoil spring into hole in rear of slide and compress the recoil spring until the end of the buffer guide rod can be reinserted into the buffer bushing.



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INSTALLATION INSTRUCTIONS (continued)

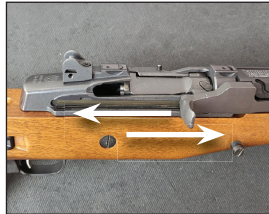
18. Insert the forward end of the stock into the lower portion of the gas block at a slight angle, then lower the receiver into the stock.



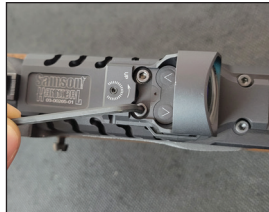
19. With the safety still "ON" and the hammer cocked, align the rail on the trigger housing with the slot in the stock, insert the open trigger housing into the stock. When fully seated, swing the trigger guard fully into place until it locks shut. An audible "CLICK" will be heard when it is correctly locked.



20. Cycle the slide handle and safety a few times to be certain the components are correctly assembled.



21. Install a micro red dot to the Hannibal Rail using 2 of the included 6-32 socket head screws and the 7/64" hex wrench, or using the screws that came with the optic.



22. The 2-inch picatinny rail section and QD mount can be installed in the tapped holes anywhere along the side of the Hannibal Rail. Use the 3/32" hex wrench to tighten the 10-32 X 3/8 low head screws. Medium strength thread locker is recommended.

