

# Henry Rifle Caliber MAS Handguard Installation Instructions

For Ranger Point Precision Henry rifle caliber models

## IMPORTANT SAFETY INFORMATION

Before beginning installation:

- Ensure the firearm is completely unloaded
- Open the action and visually inspect the chamber and magazine tube
- Remove all live ammunition from the workspace
- Wear eye protection during installation

These instructions are for **Henry rifle caliber models only**.

If you have a pistol caliber model (.357, .44 Mag, .45 Colt, etc.), refer to the correct pistol caliber installation instructions, as additional disassembly steps are required.

## Tools Required

- Bench block
- Non-marring hammer
- Flathead screwdriver
- 5/64" Allen key
- Allen wrench set (recommended)
- Blue or Purple Loctite
- Torque Wrench

# Torque Specifications

Use a calibrated inch-pound torque wrench whenever possible.

<b>Fastener Type</b>	<b>Torque Spec</b>
RPP Receiver Screws	10 in-lbs
RPP Barrel Band All Screws	6 in-lbs
Factory Tenon Screws	8 in-lbs
Handguard Alignment / Set Screws	Hand Tight Only
Barrel Contact Set Screws	Hand Tight Only

## Thread Locker

Apply Blue (242) or Purple (222) Loctite to all mounting screws unless otherwise specified.

## Important

- Handguard set screws for alignment.
- Set screws should only lightly contact the barrel.
- Overtightening set screws can affect handguard alignment and damage threads.
- Verify handguard alignment before applying final torque.
- Allow the thread locker to cure before firing.

# Included Hardware

Your handguard package includes:

- M-LOK Handguard
- (2) Pan head screws
- (4) Set screws
- Allen key

Features include:

- M-LOK slots at 3, 6, and 9 o'clock
- QD sling sockets
- Threaded 10-32 sling stud mounting point
- Loading port cutout

# Installation Instructions

## Step 1 – Remove Magazine Tube Retaining Screw

Locate the small set screw underneath the forearm.

Using a flathead screwdriver:

1. Remove the small plug screw carefully
2. Set it aside in a safe location

## Step 2 – Loosen Magazine Tube Screw

Using a 5/64" Allen key:

1. Loosen the magazine tube retaining screw slightly
2. Do not fully remove it

This allows the outer magazine tube to move freely.

## **Step 3 – Remove Inner Magazine Tube**

1. Pull the inner magazine tube out of the rifle
2. Set it aside

## **Step 4 – Remove Factory Handguard and Tenon**

Using the bench block and non-marring hammer:

1. Support the rifle properly
2. Carefully drive the magazine tube tenon/dovetail out
3. Remove the tenon
4. Slide the outer magazine tube forward and remove it
5. Slide the factory handguard off the rifle

### **NOTE:**

On X Models, the factory polymer forearm may fit tightly and may require gentle tapping to loosen.

## **Step 5 – Reinstall Factory Tenon and Magazine Tube**

1. Reinsert the outer magazine tube
2. Position the factory tenon correctly:
  - Small hole faces the receiver
  - Larger hole faces the muzzle/loading gate
3. Align the tenon with the barrel dovetail
4. Carefully tap the tenon back into place using the non-marring hammer

### **IMPORTANT:**

- Ensure everything stays level during installation
- Do not force the tenon

## **Step 6 – Install the Handguard**

IMPORTANT:

The handguard only installs in one direction.

- QD sockets and loading port cutout should face correctly
- Rear flange slides into the receiver

To install:

1. Slide the handguard into the receiver
2. Pull it over the factory tenon
3. Seat the handguard fully into place

## **Step 7 – Install Pan Head Screws**

Using the supplied pan head screws:

1. Insert screws into the larger lower holes
2. Thread them into the factory tenon
3. Tighten lightly only at this stage

IMPORTANT:

- Do not cross-thread
- If resistance is felt, stop and realign

## **Step 8 – Install Set Screws**

Install the four set screws into the sides of the handguard.

Recommended:

- Apply Blue or Purple Loctite before installation

IMPORTANT:

- Set screws only need to contact the barrel lightly
- Do NOT over torque

Purpose of set screws:

- Prevent movement
- Keep the handguard centered and aligned

## **Step 9 – Center the Handguard**

Visually inspect the gap between the barrel and handguard.

Adjust until:

- Both sides appear even
- Handguard sits parallel to the barrel

Once aligned:

- Snug the set screws evenly

## **Step 10 – Tighten Hardware**

Final tighten:

- Magazine tube screw
- Pan head screws
- Rear tensioning screws
- Side set screws

**IMPORTANT:**

- Hand tight only
- No heavy torque required
- Loctite will secure the hardware

## **MAS & Gator Rail Installation**

The MAS system utilizes one or two Gator Rails mounted to the top of the handguard.

### **Step 11 – Position Gator Rail**

1. Determine the desired Gator Rail location.
2. Place the Gator Rail into the mounting pocket on top of the handguard.
3. Verify orientation before installing hardware.

**NOTE**

- Most users will orient the Gator Rail toward the muzzle.
- A second Gator Rail may be installed in the forward position if desired.

### **Step 12 – Install Gator Rail Mounting Screws**

1. Position the Gator Rail onto the handguard.
2. Install the four supplied large-head mounting screws.
3. Start all screws by hand.
4. Verify the Gator Rail sits flush against the handguard.

## **IMPORTANT**

- Do not cross-thread the screws.
- Test fit all hardware before applying thread locker.

## **Recommended**

1. Install all four screws dry.
2. Verify proper fitment.
3. Remove one screw at a time.
4. Apply Blue or Purple Loctite.
5. Reinstall the screw.

## **Step 13 – Install Jack Screws**

The four jack screws install directly behind the mounting screws.

1. Install all four jack screws.
2. Tighten until they lightly contact the handguard mounting surface.

## **IMPORTANT**

Do not overtighten.

The mounting screws and jack screws work against one another to securely clamp the Gator Rail to the handguard.

## **Step 14 – Final Tightening**

After confirming alignment:

- Gator Rail Mounting Screws — Hand Tight
- Jack Screws — Hand Tight

## **IMPORTANT**

- Apply Blue or Purple Loctite to the mounting screws.
- Do not overtighten.
- Excessive torque may damage aluminum threads.
- Verify the Gator Rail remains seated flush against the handguard.
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## **Final Inspection**

Before use:

- Verify all screws are secure
- Ensure the handguard is centered
- Cycle the action to confirm proper function
- Confirm no interference with magazine tube or barrel

Installation is now complete.