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› [Monstrum](#) /

› [Monstrum Picatinny Rail Mount for Remington 700: Installation and Usage Guide](#)

### Monstrum RM151-20 / B09YKXPSBL

## Monstrum Picatinny Rail Mount for Remington 700: Installation and Usage Guide

Model: RM151-20 / B09YKXPSBL

### 1. INTRODUCTION

This manual provides detailed instructions for the installation and proper use of your Monstrum Picatinny Rail Mount and Extended Offset Scope Mount for Remington 700 Short Action rifles. Please read this guide thoroughly before installation to ensure correct setup and optimal performance.



Image 1.1: The Monstrum Picatinny Rail Mount and Extended Offset Scope Mount. This image displays both components of the bundle: the Picatinny rail base and the extended dual-ring scope mount.

### 2. PRODUCT OVERVIEW

## 2.1 Key Features

- **Picatinny Rail Mount:** Specifically designed for Short Action Remington 700 rifle platforms.
- **Extended Dual Ring Scope Mount:** Accommodates standard 30 mm diameter tube rifle scopes with 3 inches of spacing between rings.
- **Offset Design:** Provides 2 inches of forward extension for enhanced eye relief and shooting position flexibility.
- **Integrated Recoil Stops:** Designed to increase recoil resistance while minimizing weight.
- **Heat-Treated Torx Screws:** Prevents stripping and ensures secure attachment to the rifle.

## 2.2 Compatibility

This rail mount is compatible exclusively with **Short Action Remington 700 models**. Refer to the list below and the provided diagram to confirm your rifle's action type.

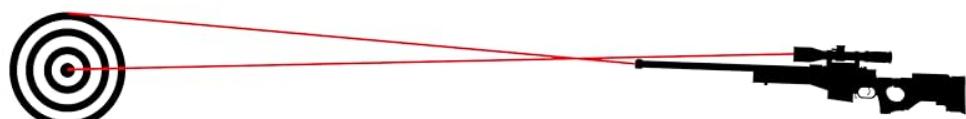
### Compatible Short Action Calibers:

- .223 Remington
- .243 Winchester
- .308 Winchester
- 6.5 Creedmoor
- 7 mm Remington Mag
- 7 mm-08 Remington
- .257 Weatherby Mag
- .270 WSM
- .22-250 Remington
- .300 Remington Ultra Mag
- .300 AAC Blackout
- .220 Swift

### MONSTRUM® GUIDE 0 MOA VS 20 MOA MOUNTS



LEVEL WITH THE BORE OF THE GUN.  
SUITABLE FOR SHORT TO MID RANGE SHOOTING.



CANTED DOWNWARD AT 20 MOA. RANGE OF SCOPE  
ELEVATION IS SHIFTED DOWN 20 MOA ALLOWING YOU TO  
ACCOUNT FOR BULLET DROP AT LONGER DISTANCES.

Image 2.1: Guide for identifying Remington 700 Short Action vs. Long Action rifles. This diagram illustrates how to determine your rifle's action type based on caliber and ejection port length.

### 3. WHAT'S INCLUDED

Verify that all components are present before beginning installation:

- 1x 17-Slot Picatinny Rail (RM151-20)
- 1x Extended Dual Ring Scope Mount (30mm)
- 5x #6 Bolts (for rail attachment)
- 4x #8 Bolts (for rail attachment)
- 1x Torx Key (for installation)

## WHAT'S INCLUDED:

1 - 17-SLOT RAIL



5 - #6 BOLTS



1 - TORX KEY



4 - #8 BOLTS

Image 3.1: Included components. This image shows the 17-slot rail, five #6 bolts, four #8 bolts, and one Torx key.

### 4. INSTALLATION GUIDE

Follow these steps to install the Monstrum Picatinny Rail Mount and Extended Offset Scope Mount onto your Remington 700 Short Action rifle.

#### 4.1 Installing the Picatinny Rail Mount

1. **Ensure Safety:** Always ensure your firearm is unloaded and pointed in a safe direction before beginning any work.
2. **Clean Mounting Surface:** Clean the receiver's mounting holes and surface to remove any oil, grease, or debris.
3. **Position the Rail:** Place the Monstrum Picatinny rail onto the receiver of your Remington 700 Short Action rifle, aligning the screw holes.
4. **Insert Screws:** Use the provided #6 or #8 bolts, as appropriate for your rifle's receiver, to secure the

rail. Start all screws by hand to prevent cross-threading.

5. **Tighten Screws:** Using the supplied Torx key, tighten the screws evenly and securely. Do not overtighten, as this can damage the screws or the receiver. Refer to your rifle's manual for specific torque specifications if available.

## INSTALLS IN SECONDS

USE THE INCLUDED #6 OR #8 BOLTS AND TORX KEY TO INSTALL



Image 4.1: Installing the Picatinny rail. A hand is shown using the Torx key to tighten the screws on the Monstrum Picatinny rail mount, which is already positioned on a rifle receiver.

### 4.2 Installing the Extended Offset Scope Mount

Once the Picatinny rail is securely installed, you can attach the extended offset scope mount.

1. **Attach Scope Mount:** Place the extended offset scope mount onto the Picatinny rail, positioning it to achieve optimal eye relief for your scope.
2. **Secure Mount:** Tighten the clamping screws on the scope mount to secure it to the Picatinny rail. Ensure it is firmly seated and does not move.
3. **Install Scope:** Place your 30mm diameter rifle scope into the rings of the mount.
4. **Level and Tighten:** Level the scope and then tighten the ring screws evenly, alternating between screws to ensure even pressure. Do not overtighten.



Image 4.2: The Monstrum Extended Dual Ring Scope Mount. This image provides a clear view of the 30mm extended offset scope mount, ready for installation on the Picatinny rail.

## INTEGRAL RECOIL STOPS

INCREASES RECOIL RESISTANCE  
WHILE REDUCING WEIGHT



## HEAT-TREATED TORX SCREWS

PREVENTS SCREWS FROM BEING STRIPPED  
AND SECURES YOUR MOUNT TO RIFLE

Image 4.3: Close-up of integral recoil stops and heat-treated Torx screws on the scope mount. This image highlights the design features that enhance stability and durability.

## 5. UNDERSTANDING MOA (MINUTE OF ANGLE)

This Monstrum Picatinny Rail Mount features a 20 MOA cant. Understanding the difference between 0 MOA and 20 MOA mounts is crucial for long-range shooting.

- **0 MOA Mount:** The scope is mounted level with the bore of the gun. This is suitable for short to mid-range shooting where bullet drop is minimal or easily compensated for within the scope's adjustment range.
- **20 MOA Mount:** The mount is canted downward at 20 MOA. This shifts the scope's elevation adjustment range downward by 20 MOA, allowing for more upward adjustment in the scope. This is beneficial for long-range shooting, as it provides additional elevation adjustment to account for significant bullet drop at extended distances.

Image 5.1: Visual comparison of 0 MOA and 20 MOA mounts. This diagram illustrates how a 20 MOA cant angles the scope downward relative to the bore, providing more upward adjustment for long-range shooting.

## 6. SPECIFICATIONS

### 6.1 Picatinny Rail (RM151-20)

- **Compatibility:** Remington 700 Short Action
- **MOA:** 20 MOA
- **Number of Slots:** 17
- **Total Length:** Approximately 6.89 inches

# IS MY RIFLE CALIBER SHORT ACTION OR LONG ACTION?

THE REMINGTON 700 COMES IN BOTH A SHORT ACTION VERSION FOR SHORTER CARTRIDGES AND LONG ACTION VERSION FOR LONGER CARTRIDGES. YOU CAN TELL WHICH VERSION YOU HAVE FROM THE CALIBER IT USES OR BY MEASURING THE LENGTH OF THE EJECTION PORT.

## SHORT ACTION MODELS:

- ✓ 223 REMINGTON
- ✓ 243 WINCHESTER\*
- ✓ 308 WINCHESTER\*
- ✓ 6.5 CREEDMOOR
- ✓ 7MM-08 REMINGTON\*
- ✓ 22-250 REMINGTON
- ✓ 270 WSM
- ✓ 300 AAC BLACKOUT
- ✓ REMINGTON 722
- ✓ REMINGTON 40X
- ✓ REMINGTON ULTIMATE MUZZLE LOADER
- ✓ BERGARA B-14 SHORT ACTION

\*FITS REMINGTON 700 SHORT ACTION RIFLE SHELLHOLDER



## LONG ACTION MODELS:

- ✗ 270 WINCHESTER
- ✗ 300 WIN MAG
- ✗ 30-06 SPRINGFIELD
- ✗ 25-06 REMINGTON
- ✗ 338 LAPUA
- ✗ REMINGTON 721
- ✗ REMINGTON 725
- ✗ BERGARA B-14 LONG ACTION
- ✗ 7MM REMINGTON MAG



**⚠ NOTE: THIS IS STRICTLY FOR REMINGTON 700 MODELS. PLEASE SEE MEASUREMENTS DIAGRAM FOR ACCURATE FIT.**

Image 6.1: Detailed dimensions of the Remington 700 Short Action Picatinny rail. This diagram shows the total length of 6.89 inches and specific measurements for front, center, and rear mounting points.

## 6.2 Extended Offset Scope Mount

- **Ring Diameter:** 30 mm
- **Ring Spacing:** 3.00 inches (center-to-center)
- **Forward Extension:** 2.00 inches
- **Base Length:** 5.50 inches
- **Ring Height (Centerline):** 1.63 inches / 41.28 mm

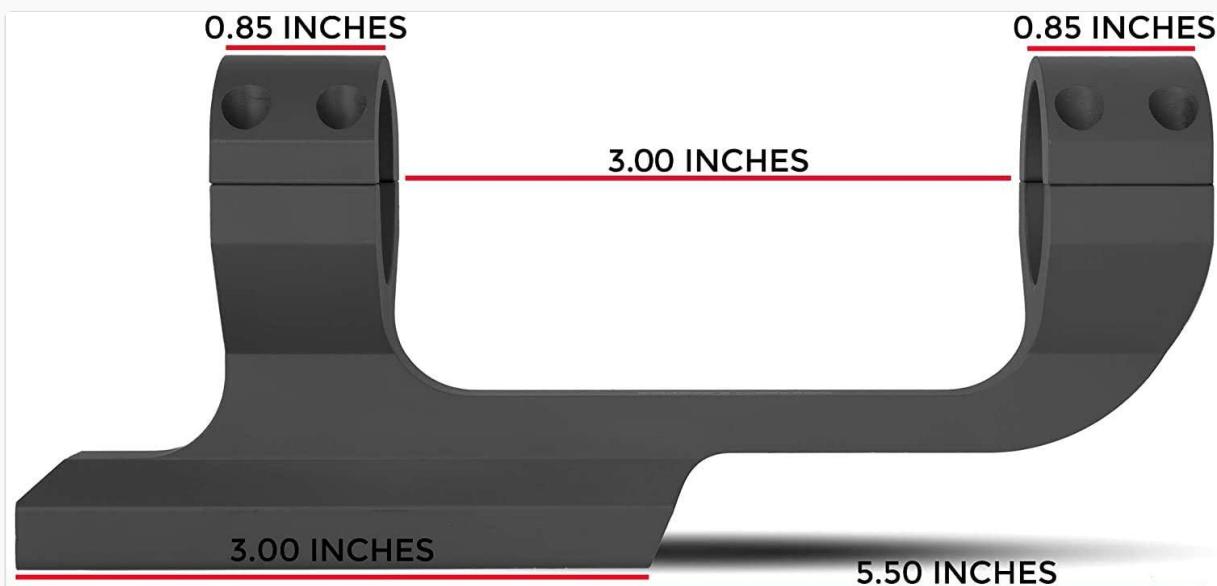


Image 6.2: Dimensional drawing of the extended offset scope mount. This image provides key measurements including ring spacing, base length, and forward extension.



Image 6.3: Front view showing the 30mm ring diameter and 1.63-inch (41.28mm) centerline height of the scope mount.

## 7. CARE AND MAINTENANCE

To ensure the longevity and reliable performance of your Monstrum rail mount and scope mount, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the mount and rail with a soft cloth to remove dirt, dust, and residue. Avoid harsh chemicals that may damage the finish.
- **Check Fasteners:** After initial installation and periodically during use, check all screws for tightness. Recoil can sometimes loosen fasteners over time.
- **Storage:** Store your rifle and mounted accessories in a dry, temperature-controlled environment to prevent corrosion.

## 8. TROUBLESHOOTING

If you encounter issues during or after installation, consider the following:

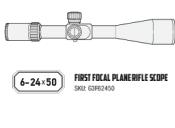
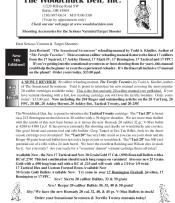
- **Mount Not Fitting:** Double-check that your rifle is a Remington 700 Short Action. Refer to the compatibility section (2.2) and the provided diagrams.
- **Loose Mount:** Ensure all screws are tightened to the appropriate specifications. If screws continue to loosen, consider using a thread-locking compound (e.g., blue Loctite) on the screw threads, applied sparingly.
- **Scope Not Level:** Re-adjust the scope within the rings, ensuring it is perfectly level before tightening the ring screws.

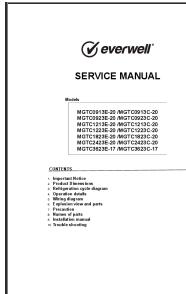
## 9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Monstrum website or contact Monstrum customer service directly. Keep your purchase receipt as proof of purchase.

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## Related Documents - RM151-20 / B09YKXPSBL

	<p><a href="#"><u>Monstrum G2-FFPS1624 1-6x24 First Focal Plane Rifle Scope User Manual</u></a></p> <p>Comprehensive user manual for the Monstrum G2-FFPS1624 1-6x24 First Focal Plane Rifle Scope. Learn about features, package contents, mounting, focusing, sighting, reticle details, and warranty information.</p>
	<p><a href="#"><u>Monstrum Tactical G3F62450 6-24x50mm First Focal Plane Rifle Scope User Manual</u></a></p> <p>Detailed user manual for the Monstrum Tactical G3F62450 6-24x50mm First Focal Plane Rifle Scope. Covers features, package contents, mounting instructions, focusing, adjustable objective (AO) usage, sighting in, reticle details, illumination, sunshade attachment, and warranty information.</p>
	<p><a href="#"><u>The Woodchuck Den, Inc. - Shooting Accessories and Reloading Supplies Catalog</u></a></p> <p>The Woodchuck Den, Inc. offers a comprehensive catalog of shooting accessories and reloading supplies. Featured are specialized reloading manuals for 17 and 20 caliber cartridges by Todd A. Kindler, a wide selection of bullets from manufacturers like Hornady, Berger, and Sierra, high-quality scopes from Leupold and Weaver, and a vast array of reloading dies, cleaning equipment, and precision tools. The catalog also lists sandbags, hearing protection, and other shooting accessories for varmint and target shooters.</p>
	<p><a href="#"><u>AGM Spectrum 4K-MINI Digital Day &amp; Night Vision Rifle Scope User Manual</u></a></p> <p>Comprehensive user manual for the AGM Spectrum 4K-MINI Digital Day &amp; Night Vision Rifle Scope, detailing system description, key features, operating instructions, maintenance, and specifications. Learn about its 4K sensor, 3.5-20.5x zoom, 800m detection range, and advanced functionalities.</p>



[Everwell Air Conditioner Service Manual - MGTC Series](#)

Comprehensive service manual for Everwell MGTC series air conditioners, covering models MGTC0913, MGTC0923, MGTC1213, MGTC1223, MGTC1823, MGTC2423, and MGTC3623. Includes operation details, safety precautions, wiring diagrams, troubleshooting, and parts lists.