

Loading Gate Spring Cover Screw Marlin Smith & Wesson - Loading Gate Spring Cover Screw | Marlin, Smith & Wesson

[Gunsmith Tools](#) > [Small Hardware](#) > [Metal Screws](#)

The RPP Flyweight lever action Loading Gate greatly reduces the effort required to stoke your Rossi 95 It's a masterfully tuned, competition grade part right out of the gate. SASS approved.

Starting with a massive reduction in spring weight, the RPP gate requires only about 1.5 lbs. of force to open fully, while the factory loading gate can require in excess of 5 lbs.

Next, we redesigned the lever-action loading gate to offer substantially more clearance for cartridges, further reducing load effort. This is a significant benefit when loading fat, straight wall ammo like the Marlin 444. In fact, during testing we discovered that we could load a .444 dummy through the gate of a typical Marlin 336 .30-30, without benefit of the Model 444's magazine tube clearance bulge. That's first class leg room!

Finally, we paid very careful attention to the inside "feed lip" area of the gate, optimizing geometry to ease gate opening against an on-deck round, and offer smooth feeding, with perfect case head control. With every gate precisely CNC machined from solid bar stock and hand polished, consistent results are assured.

Material is 7075-T6 aluminum, the strongest grade available. Engineered for highly stressed air frames, 7075 has extraordinary fatigue strength for thousands of flex cycles without failure. When anodized, it has a surface hardness exceeding hardened steel, for excellent wear properties.

The Firearm Blog Review: Ranger Point Precision Cloverleaf Peep Sights + Flyweight Loading Gate Springs

RPP Flyweight Marlin Loading Gate Features:

- * Spring weight reduced by up to 70%
- * No tuning required, saving you time and hassle
- * Greatly increased cartridge clearance
- * No knife sharp edges
- * Easy loading and smooth, reliable feeding
- * Precisely machined from 7075-T6 aluminum billet and hard anodized for extreme durability
- * Available in black, gold, or clear anodized finish (silver color to closely match stainless rifles)
- * 10-15 minute installation time
- * Single Action Shooting Society (SASS) approved

NO IMAGE
AVAILABLE

INSTALLATION

A couple of good screwdrivers is all that's needed.

The gun will need to be partially disassembled - just go slow, and remember that each screw needs to return to its original home, so get a piece of cardboard box, draw an approximation of the receiver on it, and poke a hole in your drawing where each screw can rest until reassembly.

- 1) Clear the rifle & ensure the chamber and magazine are EMPTY.
- 2) Unscrew/remove the tang screw from the upper/rear receiver tang, and pull off the buttstock to the rear.
- 3) Partially open bolt/lever, remove lever pivot screw and slide lever out of the bottom of the receiver (no need to remove bolt)
- 4) De-cock the hammer with the safety disengaged. Push forward on the hammer spring bridge and pull or push out one side of its groove. This will free the hammer spring
- 5) Remove hammer pivot screw, bottom trigger plate screw and side support screws to free the trigger plate from the receiver.
- 6) Remove the trigger plate / lower tang from the bottom of the receiver (some gentle prying may be needed).
- 7) Pull the locking lug out of the bottom of the receiver and swing the carrier out of the receiver (no need to remove the carrier pivot screw)
- 8) Unscrew the loading gate spring (1" behind the loading gate opening) and install the new gate and screw it in

Reassemble in reverse order.

Attributes

- Name: [Loading Gate Spring Cover Screw | Marlin, Smith & Wesson](#)
- Manufacturer: [RANGER POINT](#)
- Product no.: EU2014804
- Mfr. No.: 200
- Delivery weight: 0.45kg
- Shipping height: 2.54mm
- Shipping width: 6.35mm
- Shipping length: 6.35mm
- UPC: 850078134127

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Safety Instruction Guide for Loading Gate Spring Cover Screw

Introduction

Thank you for choosing the Loading Gate Spring Cover Screw for your Marlin or Smith & Wesson firearm. This product is designed to enhance the performance of your rifle while ensuring safety during use. Please read this safety instruction guide carefully to understand the proper usage, installation, and maintenance of the product.

General Safety Guidelines

- Always ensure that your firearm is unloaded before performing any maintenance or installation.
- Keep the product and all firearm components out of reach of children and unauthorized users.
- Use the product only for its intended purpose as described in this guide.
- Regularly inspect the product for any signs of wear or damage before each use.
- If you notice any abnormalities or malfunctions, discontinue use immediately and consult a qualified gunsmith.
- Follow all local laws and regulations regarding firearm modifications and use.

Specific Safety Precautions for Use

- Ensure that the firearm is clear of ammunition before beginning installation.
- Wear appropriate safety gear, including safety glasses, when handling firearm components.
- Do not force any parts during installation; if resistance is encountered, reassess the alignment and fit.
- Be cautious of sharp edges during installation; handle all components carefully to avoid injury.
- Do not attempt to modify or alter the Loading Gate Spring Cover Screw in any way not specified in this guide.

Instructions for Installation and Usage

1. Preparation

- Clear the rifle and ensure the chamber and magazine are EMPTY.
- Gather necessary tools, including a couple of good screwdrivers.

2. Disassembly

- Unscrew and remove the tang screw from the upper/rear receiver tang, and pull off the buttstock to the rear.
- Partially open the bolt/lever, remove the lever pivot screw, and slide the lever out of the bottom of the receiver (no need to remove the bolt).
- Decock the hammer with the safety disengaged. Push forward on the hammer spring bridge and pull or push out one side of its groove to free the hammer spring.
- Remove the hammer pivot screw, bottom trigger plate screw, and side support screws to free the trigger plate from the receiver.
- Remove the trigger plate/lower tang from the bottom of the receiver (some gentle prying may be needed).
- Pull the locking lug out of the bottom of the receiver and swing the carrier out of the receiver (no need to remove the carrier pivot screw).

3. Installation of the Loading Gate Spring Cover Screw

- Unscrew the loading gate spring (1 inch behind the loading gate opening).
- Install the new loading gate spring cover screw and secure it in place.

4. Reassembly

- Reassemble the firearm in reverse order of disassembly.
- Ensure all screws return to their original locations. Use a piece of cardboard to keep track of screws if necessary.

5. Final Check

- After reassembly, conduct a thorough check to ensure the firearm functions correctly and safely.
- Test the loading gate to confirm smooth operation before taking the firearm to the range.

Disposal Instructions

- Dispose of any old or damaged firearm components in accordance with local regulations.
- Ensure that all hazardous materials are handled and disposed of properly to minimize environmental impact.

Contact Information for Further Support

For any questions or concerns regarding the Loading Gate Spring Cover Screw, or to report unsafe products, please contact the manufacturer or consult a qualified gunsmith.

Conclusion

Following these safety guidelines and instructions will help ensure a safe and effective installation and use of the Loading Gate Spring Cover Screw. Always prioritize safety and consult professionals when in doubt. Thank you for your commitment to responsible firearm ownership.

About Us

Brownells UK

Brownells UK - World's Largest Supplier of Gun Parts, Gunsmith Tools & Shooting Accessories

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