

PTM9



USERS MANUAL



WARNING: READ THE INSTRUCTIONS AND SAFETY PRECAUTIONS IN THIS MANUAL CAREFULLY BEFORE USING THE FIREARM.

ROCK ISLAND ARMORY

USERS MANUAL PTM9 PISTOL SAFETY, INSTRUCTION AND PARTS MANUAL



As a responsible owner of this firearm, you must read the instructions and warnings in this manual carefully. Before using this firearm, make sure you understand thoroughly the contents of this manual.

This manual should always be in the firearms carrying case whenever the owner/user brings it or when it transfers ownership. A copy of this manual is available upon request from:

ARMSCOR PRECISION INTERNATIONAL
150 N Smart Way, Pahrump NV 89060
E-mail: support@armscor.com

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MAINTENANCE



STATEMENT OF LIABILITY

This rifle is classified as a firearm or dangerous weapon. It is expressly understood that we assume no liability for its resale or unsafe handling under local laws and regulations. Armscor assumes no responsibility for physical injury or property damage resulting from either intentional or accidental discharge, or for the function of the firearm subjected to influence beyond their control. Armscor will honor no claims which may result from careless handling, unauthorized adjustments, defective or improper ammunition, corrosion or neglect. Examine your firearm carefully at the time of purchase. It should be forwarded immediately to the factory or its sales agent if any adjustment of any kind is required.

State-By-State Warnings



CALIFORNIA STATE WARNING

CHILDREN ARE ATTRACTED TO AND CAN OPERATE FIREARMS THAT CAN CAUSE SEVERE INJURIES OR DEATH. PREVENT CHILD ACCESS BY ALWAYS KEEPING FIREARMS LOCKED AWAY AND UNLOADED WHEN NOT IN USE. IF YOU KEEP A LOADED FIREARM WHERE A CHILD OBTAINS AND IMPROPERLY USES IT, YOU MAY BE FINED OR SENT TO PRISON. IT IS UNLAWFUL TO USE A MAGAZINE WITH A CAPACITY OVER 10 ROUNDS.



MASSACHUSETTS STATE WARNING

IT IS UNLAWFUL TO CARRY ANY MAGAZINE OR BELT WHICH HOLDS MORE THAN TEN ROUNDS, UNLESS AUTHORITY IS GRANTED BY THE BOSTON POLICE COMMISSIONER. IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, FIREARM OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER.



NEW YORK STATE WARNING

IT IS UNLAWFUL TO CARRY ANY MAGAZINE OR BELT WHICH HOLDS MORE THAN SEVEN ROUNDS, UNLESS AUTHORITY IS GRANTED BY THE STATE OF NEW YORK. THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE FOR INCREASED SAFETY, FIREARMS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARATED FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND OTHER UNAUTHORIZED PERSONS.

02 | SAFETY PRECAUTIONS

Safety must be the first and constant consideration of every person who handles firearms and ammunition. The person with a firearm in their possession has an important responsibility. He/She must know how to use his/her firearm safely:

1. Always keep the muzzle pointed in a safe direction. Be mindful of muzzle at all times. Never point a gun, accidentally or intentionally, at any person or anything you do not intend to shoot. Identify the target before shooting; do not shoot at sounds.
2. Always treat a gun as if it is loaded – it may be!
3. Keep your finger off the trigger while operating the action and at all other times until you are ready to shoot.
4. Keep the safety “on” or in the “safe” position at all times until you are ready to fire. Do not rely on your gun’s safety, the safety on any gun is a mechanical device and is not intended as a substitute for common sense or safe gun handling.
5. Learn how your gun functions and handles. If you do not thoroughly understand the proper use and care of your gun, seek the advice of someone who is knowledgeable.
6. Do not alter or modify any part of the firearm.
7. Store guns unloaded, separate from any ammunition, and out of the reach of children.
8. While firing the gun, if you hear a weak or unusual sound and the bullet doesn’t hit the target area, or if the bolt fails to cycle completely, STOP FIRING IMMEDIATELY. Check the barrel for obstructions like a stuck bullet. DO NOT FIRE ANOTHER SHOT until the barrel is cleared of any obstruction. Firing another round with a blocked barrel can severely damage the gun and may lead to injuries for both the shooter and anyone nearby.
9. Be sure you have and use the proper ammunition.
10. Wear protective shooting glasses, adequate ear protection, and gloves when shooting.
11. Never climb or jump over anything, such as a tree, fence, or ditch, with a loaded gun. Open the action, remove the shells and hand the gun to someone else or place it on the ground on the other side of the obstacle before crossing it yourself. Do not lean a gun against a tree or other object; it could fall and possibly discharge.

12. Do not shoot at a hard surface or at water. Bullet and shot can ricochet or bounce off and travel in unpredictable directions with great velocity.

13. Never transport a loaded gun. Do not place a loaded gun into a vehicle. The gun should be unloaded and placed into a case when not in use.

14. Never consume intoxicating beverages and/or drugs before or during shooting.

WARNING

DO NOT ATTEMPT TO USE ANY FIREARM WITHOUT HAVING A COMPLETE UNDERSTANDING OF ITS PARTICULAR CHARACTERISTICS AND SAFE USE. READ AND UNDERSTAND THIS MANUAL CAREFULLY BEFORE USAGE OF YOUR FIREARM.

WARNING

YOU SHOULD NEVER DEPEND ON A SAFETY MECHANISM OR ANY OTHER MECHANICAL DEVICE TO JUSTIFY CARELESS AND IMPROPER HANDLING.

WARNING

THIS FIREARM WAS MANUFACTURED TO PERFORM PROPERLY WITH THE ORIGINAL PARTS AND MAGAZINES AS DESIGNED. PLEASE MAKE SURE ANY PARTS YOU BUY ARE INSTALLED CORRECTLY AND THAT NEITHER REPLACEMENTS NOR ORIGINALS ARE ALTERED OR CHANGED. PUTTING A FIREARM TOGETHER INCORRECTLY OR WITH MODIFIED PARTS CAN RESULT IN DAMAGE TO THE FIREARM, DANGER, AND INJURY OR DEATH. ANY MODIFICATIONS TO FIREARM WILL VOID FACTORY WARRANTY.

03 | SAFETY PRECAUTIONS

WARNING

CHILDREN ARE ATTRACTED TO FIREARMS, AND MIGHT BE ABLE TO OPERATE THEM. THEY CAN CAUSE SEVERE INJURIES AND EVEN DEATH, TO THEMSELVES OR OTHERS. PREVENT CHILDREN FROM ACCESSING, ALWAYS KEEP YOUR FIREARMS LOCKED AWAY, UNLOADED, AND OUT OF REACH OF CHILDREN WHEN NOT IN USE AT ANY TIME.

WARNING

THE FIREARM SHOULD BE STORED IN A DRY ATMOSPHERE WITH MINIMUM HUMIDITY. IT SHOULD NOT BE STORED ENCASED IN LEATHER OR ANYTHING THAT WILL ATTRACT AND HOLD MOISTURE, CAUSING IT TO RUST.

WARNING

PERFORM ALL PROCEDURES (SUCH AS DISASSEMBLY, CLEANING, AND OTHER MAINTENANCE) ONLY WHEN THE FIREARM IS UNLOADED. ENSURE THAT THE MAGAZINE, RECEIVER, AND CHAMBER ARE DEVOID OF ANY AMMUNITION WHILE PROCEEDING. VISUALLY INSPECT THE EJECTION PORT, LOADING PORT, AND CHAMBER.

WARNING

THIS FIREARM IS OF BLOWBACK SEMIAUTOMATIC OPERATION. AS IS INTENDED WITH BLOWBACK FIREARM OPERATING SYSTEMS, THE BREACHING MECHANISM IS HELD CLOSED DURING FIRING ONLY BY THE MASS (WEIGHT) OF THE BOLT AND THE STRENGTH OF THE RECOIL SPRING - IT IS NOT OTHERWISE LOCKED CLOSED. THEREFORE, THE BLOWBACK OPERATING SYSTEM MUST BE KEPT REASONABLY CLEAN IN ORDER TO FUNCTION SAFELY. PROPER CLEANING EVERY FEW HUNDRED ROUNDS (OR MORE FREQUENTLY IF CHAMBERING BECOMES SLUGGISH) SHOULD BE SUFFICIENT. IF TOO MUCH FIRING RESIDUE IS PERMITTED TO ACCUMULATE IN THE CHAMBER, A CARTRIDGE MAY BE PREVENTED FROM FULLY CHAMBERING, RAISING THE POTENTIAL FOR AN OUT-OF-BATTERY (UNSUPPORTED) FIRING OF THAT CARTRIDGE, WITH THE RESULTING POTENTIAL FOR CARTRIDGE CASE RUPTURE, RELEASE OF EXTREMELY HIGH PRESSURE PROPELLANT GASSES, AND THE ATTENDANT POTENTIAL FOR GUN DAMAGE AND PERSONAL INJURY. SO, KEEP IT REASONABLY CLEAN.

WARNING

WHEN STORING THE GUN FOR A PROLONGED PERIOD OF TIME, IT IS NECESSARY TO OIL IT HEAVILY WITH AN ACID-FREE LUBRICANT. THE EXTERNAL PARTS MUST BE COATED WITH AN ANTI-RUST OIL OR GREASE TO PREVENT MOISTURE CAUSING THE PARTS TO RUST AND MALFUNCTION. BEFORE USAGE, THE FIREARM MUST BE CLEANED AND WIPED DRY AGAIN.

04 | TECH SPECS

Model	PTM9
Caliber	9 Luger / 9x19 NATO
Action	Semi Automatic
Capacity	17 Rounds (optional 10 rounds)
Barrel	Rifled
Barrel Length	146mm / 5.765"
Overall Length	480mm / 18.90"
Overall Width	60mm / 2.36"
Overall Height	180mm / 7.08"
Accs.	Picatinny Type Rail
Weight, Empty	2.13 kg / 4.70 lbs
Finish	Hard Anodized

CALIBER



9mm



05 | BASIC PARTS

P.NO	PART NAME
1	Lower Receiver
2	Trigger
3	Trigger Spring
4	Disconnecter Spring
5	Disconnecter
6	Trigger Pin
7	Crescent Washer
8	Hammer
9	Hammer Pin Sleeve. Male
10	Hammer Pin Sleeve. Female
11	Hammer Spring
12	Hammer Pin
13	Crescent Washer
14	Trigger Hammer Pin
15	Crescent Washer
16	Safety Drum
17	Safety Lever Left
18	Safety Screw
19	Safety Detent Ball
20	Safety Detent Ball Spring
21	M5 Screw
22	Safety Lever Right
23	Safety Screw
24	Buffer Retainer Spring
25	Buffer Retainer Pin
26	Buffer Retainer Screw
27	Takedown Pin Spring
28	Takedown Pin Retainer Pin
29	Takedown Pin Screw
30	Takedown Pin, Rear
31	Takedown Pin Spring

P.NO	PART NAME
32	Takedown Pin Retainer Pin
33	Takedown Pin, Front
34	Magazine Catch Spring
35	Magazine Catch
36	Magazine Catch Pin
37	Bolt Catch Spring
38	Bolt Catch Pin
39	Bolt Catch
40	Bolt Catch Screw
41	Bolt Catch L Bar
42	Bolt Catch L Bar Screw
43	M3 Screw
44	Ejector
45	Ejector Screw
46	Bolt
47	Bolt Carrier Assembling Pin
48	Bolt Carrier
49	Extractor Spring
50	Extractor
51	Extractor Pin
52	Firing Pin Spring
53	Firing Pin
54	Firing Pin Retainer Pin
55	Bushing
56	Main Spring
57	Main Stick
58	Detent Ball
59	Sling Plate
60	Pivot Nut Oring
61	Pivot Nut
62	Tube Stick

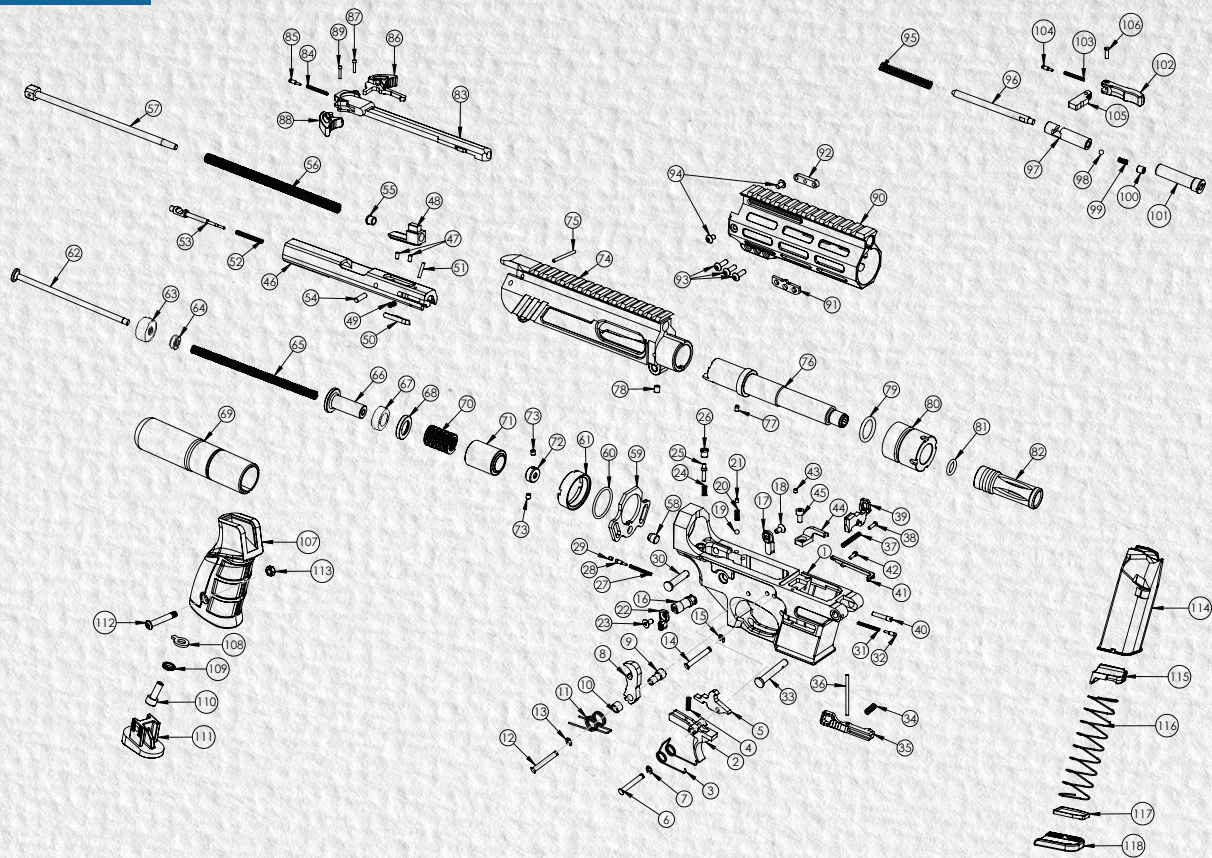
P.NO	PART NAME
63	Recoil Absorber Spring
64	Recoil Absorber Spring Pin
65	Tube Stick Spring
66	Spring Ring
67	Central Carrier
68	Washer
69	Central Carrier Spring
70	External Tube
71	Front Stopper Ring
72	M4 Screw
73	Tube
74	Upper Receiver
75	Main Stick Retainer Pin
76	Barrel
77	Barrel Centring Pin
78	M5 Screw
79	Barrel Nut Oring
80	Barrel Nut
81	Muzzle Break Oring
82	Muzzle Break
83	Charging Handle Assembly
84	Charging Handle Spring
85	Charging Handle Spring Pin
86	Charging Handle Left Latch
87	Charging Handle Rivet
88	Charging Handle Right Latch
89	Charging Handle Rivet
90	Forend
91	Forend Tension Limiting Plate
92	Forend Screw Plate
93	M4x12 Forend Screws

P.NO	PART NAME
94	M4x6 Forend Screws
95	Charging Handle Spring
96	Charging Handle Rod
97	Charging Handle Pusher
98	Charging Handle Ball Detent
99	Charging Handle Ball Spring
100	M6 Screw
101	M12 Charging Handle Screw
102	Folding Charging Handle
103	Folding Charging Handle Pin Spring
104	Folding Charging Handle Pin
105	Charging Handle Adapter
106	Charging Handle Retainer Pin
107	Pistol Grip
108	Custom Washer
109	Serrated Washer
110	Grip Screw
111	Grip Cap
112	Grip Cap Screw
113	Grip Cap Screw Nut
114	Magazine Body
115	Magazine Follower
116	Magazine Spring
117	Magazine Base Plate Retainer
118	Magazine Base Plate

Note:

Some models will vary from exploded view.

06 | EXPLODED VIEW



07 | OPERATING INSTRUCTIONS

LOADING THE FIREARM

- 1) Ensure that the barrel is directed towards a safe direction.
- 2) Insert a loaded magazine into the magazine well until it stops, then pull down slightly to ensure the magazine is properly seated, and won't drop out.



- 3) Load the firearm by cocking either side or rear charging handle. Note: if hammer is forward and safety is on the action will not open all the way.

- 4) Once you cock the charging handle a cartridge will be in the chamber and the gun is ready to shoot.

DUAL SYSTEM

If you own the Dual System version you can also load the firearm by using the charging handle on the side.



08 | OPERATING INSTRUCTIONS

1) Firstly, to lock back the bolt, you need to keep the gun pointed in a safe direction and pull the charging handle all the way to the rear. You will need to do this with one hand. At the same time, you will toggle the bolt catch with your other hand so that it prevents the Bolt Carrier Group from moving forward.

2) You will need a 3/32" roll pin punch and a non-marring hammer. Tap the roll pin over to the other side of the receiver. Be careful not to hit the charging handle. NOTE: The main spring is under pressure! It is not necessary for the pin to come completely out, just enough to clear the guide rod.



DISASSEMBLING THE FIREARM

3) Push the front and rear takedown pins out and remove the upper receiver from the lower receivers.

4) Put a thin allen key through the hole of the pin on the upper receiver (very important so that the spring does not fly out when the receivers separated)

5) Locate the roll pin in the upper receiver just below the rear charging handle.

6) Detach upper from lower receiver



09 | OPERATING INSTRUCTIONS

DISASSEMBLING THE FIREARM

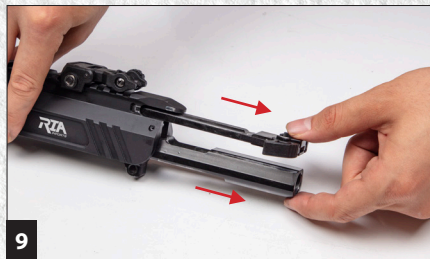
7) With the pin punch still in the upper receiver, use your thumb to cover the back of the guide rod or place the upper receiver against a hard flat surface, preferably a table or work bench. Slowly retract the pin punch from the receiver and slowly move your thumb away, or lift the upper assembly up, allowing the main spring to decompress.

8) Remove the guide rod and main spring from the upper receiver.



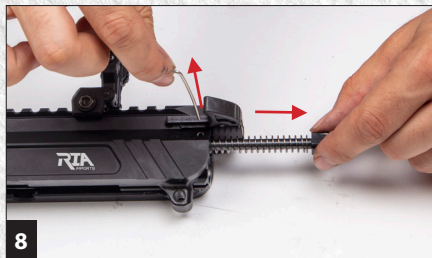
9) Retract the charging handle and bolt to the rear about $\frac{3}{4}$ of the way.

10) Remove the bolt.



11) Align the ears of the charging handle with the 2 notches in the receiver and push down and pull out, removing it from the receiver.

12) The firearm is now disassembled for routine cleaning and maintenance.

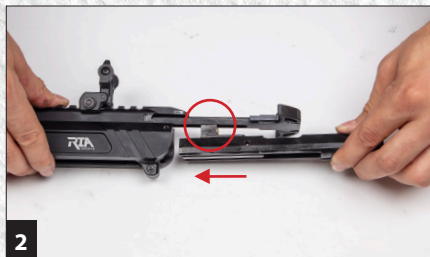


10 | OPERATING INSTRUCTIONS

ASSEMBLING THE FIREARM

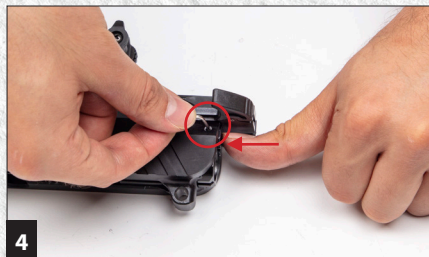
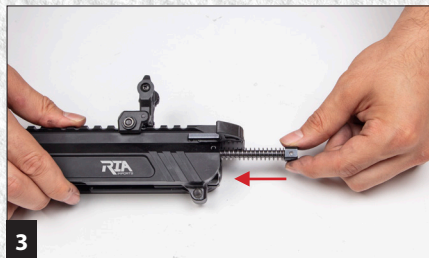
1) Insert the charging handle into the upper receiver and align the charging handle ears with the 2 notches cut out in the receiver.

2) Index the alignment key on the bolt carrier with the charging handle and push both charging handle and bolt carrier forward. They should be flush with the back of the receiver.



3) Insert your guide rod and the main spring.

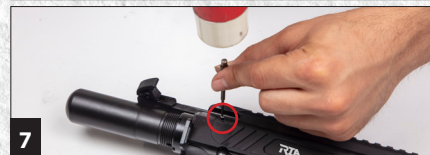
4) Compress the main spring by pushing the back of the guide rod forward towards the muzzle.



5) Connect both upper and lower receivers.

6) Reinstall front and rear takedown pins.

7) Reinstall your guide rod retaining pin.



NOTE: Perform a function test by pulling back on either side or rear charging handle. Action should move freely and smoothly. If the action is not moving freely reverse the assembly steps and reassemble until it is.

11 | OPERATING INSTRUCTIONS

CLEANING THE FIREARM

- 1) Clean the chamber properly.
- 2) Clean inside the barrel by using a cleaning rod.



DISASSEMBLING AND CLEANING THE TUBE

- 1) Turn the pivot nut in the arrow direction by disassembling tool in the package.
- 2) Pull the sling plate back as it shown in the image.



- 3) Remove the tube by spinning in the arrow direction.



- 4) Once you separate all the components, lubricate and clean them thoroughly using a cleaning cloth.



SAFE FIRING OF YOUR 9MM SEMI-AUTO RIFLE

Ammunition: Use only appropriate 9mm ammunition for your rifle, as indicated in the owner's manual. Never use ammunition that exceeds recommended specifications.

Loading: Ensure the rifle is pointed in a safe direction. Insert a loaded magazine into the magazine well until it clicks. Pull the charging handle back and release it to chamber a round.

Safety Check: Before aiming and firing, verify that the safety selector is in the "SAFE" position. Only switch it to "FIRE" when ready to shoot.

Aiming: Align the sights with your target. Keep your finger off the trigger until you're ready to fire.

Firing: With the safety off, gently squeeze the trigger while maintaining proper aim. Be prepared for recoil and maintain control of the rifle.

Follow Through: After firing, keep the rifle pointed downrange. Release the trigger and observe your target.

Cease Fire: When you've finished shooting or need to stop, apply the safety, remove your finger from the trigger, and keep the rifle pointed in a safe direction.

Remember, safe firearm handling is paramount. Always keep the rifle pointed in a safe direction, keep your finger off the trigger until you're ready to shoot, and follow all safety guidelines outlined in the owner's manual. Familiarize yourself with the rifle's controls and practice safe handling and firing procedures at all times.

ORDERING PARTS

Visit RIA website to browse, learn more about and purchase parts and ammunition for all of your Rock Island Armory products.



www.advancedtactical.com



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ARMSCORRIA

WARRANTY REGISTRATION

Armcor's warranty covers its firearms and parts. We offer limited lifetime warranty on our products for their intended purpose. As with any product, abuse, gunsmithing by an unqualified person and normal wear and tear are excluded. Additionally, if the firearm was modified and/or repaired by an unqualified gunsmith without permission from Armcor, then the warranty will be void. If warranty work should be required, return the firearm to the address listed below. There is no refund for the shipping cost. Gunsmithing services are available by registered Armcor Gunsmithers. Please email the address below.

To register your firearm, please go to www.rockislandarmory.com/support-center/warranty/ and complete online warranty form. In comments section, write warranty registration and press submit. You can also go to www.rockislandarmory.com and press warranty section at the bottom.

Armcor Precision International
150 North Smart Way
Pahrump, NV 89060
Email: support@armcor.com

For more information on warranty, visit www.rockislandarmory.com, or email support@armcor.com

IMPORTANT WARRANTY INFORMATION

Our Rock Island Armory firearms are warranted to function only with Factory Ammo and the Original Factory Magazine. Use of Handloads is not covered in Warranty of Repair for the function of the Firearm.

DUE TO THE FIT AND TIGHTNESS OF FIREARM, RIA RECOMMENDS A BREAK-IN PERIOD OF 500 ROUNDS.

THIS IS HOW YOU VOID YOUR WARRANTY

- * Refinishing your RIA firearm
- * Misuse, Mishandling, Dropping your RIA Firearm
- * Firing Remanufactured or Reloaded Ammunition
- * Not properly reassembling your RIA Firearm resulting in damage, ie reverse plugs!
- * Any addition of after market parts
- * Unauthorized repairs done by any other than Rock Island Armory

LIMITS ON WARRANTY (will not cover)

- * Finish, Holster wear, Scratches, Chemical damage
- * After Market Magazines
- * Damage to Factory Magazines
- * Sights not installed by Rock Island Armory
- * Recoil Springs

WE RESERVE THE RIGHT TO CHARGE FOR LABOR, PARTS AND SHIPPING TO RETURN YOUR RIA FIREARM BACK TO FACTORY SPECIFICATIONS IF IT HAS BEEN ALTERED.

RIA

IMPORTS

WWW.ROCKISLANDARMORY.COM

08/2023