

RAW

R A P I D A I R W O R K

Safety & Operation Manual for HM & HMX Series Air Rifles



WARNING

This airgun is recommended for adult use only. Careless use may result in serious injury or accidental death.

Dangerous within a minimum of 510 yards (470 meters).

Capable of velocity in excess of 1,000 feet per second (305 m.p.s.)

This air rifle should only be used by responsible persons 18 years or older.

Use lead pellets only.

**READ ALL INSTRUCTIONS
AND WARNINGS BEFORE
USING THIS AIRGUN.**

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⚠ WARNING: This air rifle is not a toy and can cause serious injury or death.

CAUTION: The airgun should be used only by adults or under adult supervision.

NOTICE: Always wear eye and ear protection when using this airgun. This includes people in the immediate vicinity.

⚠ WARNING: Always assume the air rifle is loaded. Never leave the airgun loaded if it is not going to be used.

⚠ WARNING: Always point the air rifle in a safe direction and be aware of the backstop.

⚠ WARNING: Do not point at anything you do not intend to shoot.

⚠ WARNING: Do not fire at a target that allows ricochets or deflections. Do not fire into or at water.

NOTICE: Be certain that each pellet you use is in the proper caliber for the airgun. Never re-use pellets.

⚠ WARNING: Pellets contain lead. Follow all pellet package safety directions. Wash hands thoroughly after handling. Do not put in mouth.

CAUTION: Store the airgun (unloaded) and ammunition in separate, safe places, out of reach of children.

⚠ WARNING: Do not walk, jump or run when carrying a loaded air rifle. Keep your fingers away from the trigger and do not load the rifle until you are ready to fire.

CAUTION: Unload the airgun before putting it in a vehicle.

NOTICE: Do not remove from its case or show the air rifle in public.

NOTICE: Buyer and user have the duty to obey all laws about the use and ownership of this airgun.

⚠ WARNING: Anytime you carry or transport an airgun, make sure the safety is on and the gun is unloaded. Under no circumstances carry or transport when loaded.

⚠ WARNING: Only use dry-filtered, compressed air or nitrogen to fill the air cylinder. Never use other gases such as oxygen, acetylene, hydrogen, etc.

⚠ WARNING: Always keep the muzzle pointed in a direction that will not cause injury or property damage if the gun discharges either accidentally or on purpose.

⚠ WARNING: Never fill the cylinder of an airgun that is already loaded or attach a filled cylinder to an airgun that is already loaded..

NOTICE: It is recommended that you have the air tank visually inspected every 3 years.

FAILURE TO OBSERVE THE ABOVE WARNINGS & CAUTIONS CAN RESULT IN DAMAGE TO YOUR AIR RIFLE, ACCIDENTAL DEATH OR SERIOUS INJURY. SAFE SHOOTING IS EVERYONE'S RESPONSIBILITY.

⚠ WARNING: DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC – IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A REAL FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

For repairs contact the manufacturer. You will be given instructions how to return the airgun to the factory or other authorized repair station.

Rapid Air Worx
877-247-4867 • info@rapidairworx.com

**NOTICE: READ THIS MANUAL ENTIRELY BEFORE
CHARGING OR USING YOUR AIRGUN**

Use of Air With the Air Rifle

RAW air rifles are designed for use with clean, dry compressed air or nitrogen. The maximum fill pressure is marked on the cylinder and is normally 3000 psi (207 BAR) in an aluminum cylinder and 3625 psi (250 BAR) in a carbon fiber cylinder. A pressure relief device has been installed in the air tank and can rupture if the internal pressure exceeds the maximum fill pressure.

All RAW airguns have precision rifled barrels. They will shoot accurately only with good quality lead pellets of the appropriate caliber.

**The use of any projectile other than a lead pellet is
unauthorized and will void the warranty.**

Safety First!

Any gun is dangerous when handled improperly, including an airgun. RAW airguns are especially powerful, so they must be taken seriously at all times. Review the safety rules on the preceding page, plus the special warnings, cautions and notices that appear throughout this manual.

Three Important Rules

1. Always point the muzzle in a direction that will not cause injury or property damage if the gun discharges.
2. Keep your finger off the trigger until you are ready to shoot.
3. Don't load the gun until you are ready to shoot.



**WARNING: ALWAYS KEEP THE MUZZLE
POINTED IN A SAFE DIRECTION**

Air Cylinder

The air cylinder fitted to this product will have a very high internal pressure when ready for use and must not be modified in any way. Serious personal injury may result if this and the advice below is not followed.

- A) Only use clean, filtered and dry compressed air or dry nitrogen. NEVER use any flammable gas particularly industrial or welding gases such as Oxygen, Acetylene, and Hydrogen etc.
- B) Do not fill the cylinder if there are any surface abrasions or dents. Contact your local dealer for advice if you have any doubts on the suitability of the cylinder to be filled.
- C) Do not store the rifle in a place or near sources with high temperatures such as fires, stoves or furnaces.
- D) Do not dismantle when under pressure.
- E) Do not fill beyond the maximum fill pressure (see filling instructions section). Damage caused by over filling is not covered by the manufacturers warranty and in any case is potentially very dangerous.

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Operational Controls

Figure A

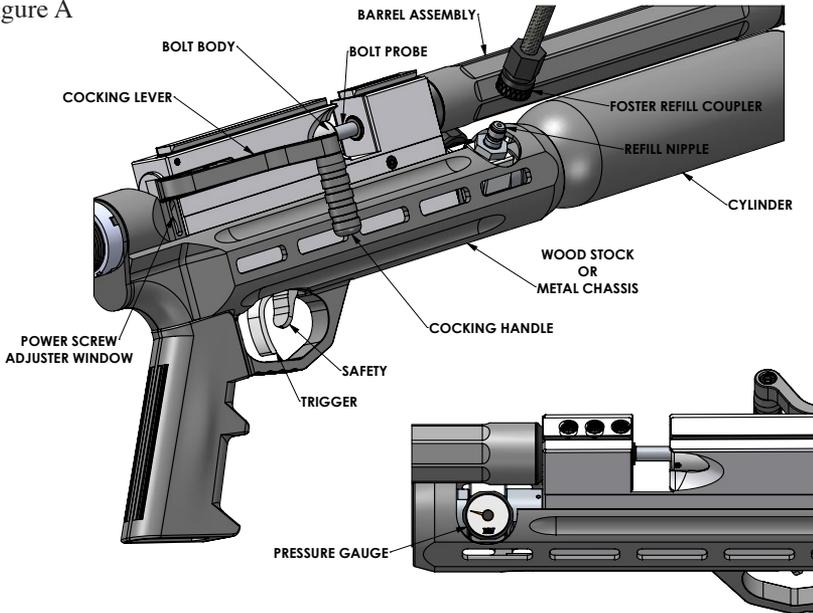


Figure A is a typical Rapid Air Worx rifle showing operational controls and their names.

Filling the Air Tank

Attach the standard Foster Refill Coupler to the refill nipple as shown in Figure A. Follow the instructions for the specific refill system being used: hand pump, refill tank or air compressor.

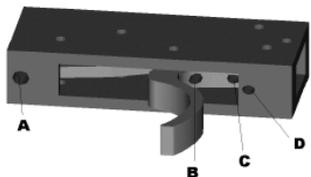
⚠ CAUTION: Ensure that the refill coupler is locked onto the refill nipple before filling the cylinder. If the coupler becomes detached while under pressure, it can whip and potentially cause injury.



WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

Trigger Adjustments

Trigger adjustments. Ensure any screw that is moved is only moved half a turn maximum at a time before trying. If the trigger does not work as expected immediately return the screw back to its original position.



Screw “A” will increase or decrease the trigger pull weight of the trigger. To increase turn clockwise, to decrease turn counter-clockwise.

Screw “B” will increase or decrease first stage travel. It is factory adjusted to minimize travel without interfering with the operation of the safety. **DO NOT TAMPER WITH THIS ADJUSTMENT.**

Screw “C” will increase or decrease second stage travel. To increase turn clockwise, to decrease turn counter-clockwise.

⚠ WARNING: Screw “D” is not installed in HM & HMX series rifles that utilize a safety. Screw “D” is used in dedicated benchrest rifles or other competition rifles that do not utilize and are not provided with a manual safety. When installed in a competition rifle it is used as an adjustment to reduce first stage travel or eliminate first stage travel to create a single stage trigger. Do not remove or tamper with the safety in a rifle that is not used in specialized competitions that allow the use of rifles without a safety.

If you have a competition air rifle with no safety, you reduce or eliminate first stage travel by turning screw “D” clockwise.

⚠ WARNING: NEVER ADJUST YOUR TRIGGER SO IT IS UNSAFE

NOTICE: READ THIS MANUAL ENTIRELY BEFORE CHARGING OR USING YOUR AIRGUN

Loading and Firing the Air Rifle

- 1) To load the magazine into the rifle first place the rifle on safe by moving the safety to the rear of the trigger guard as shown in Figure A.
- 2) Cock the rifle by pulling the cocking lever towards the rear of the rifle as shown in Figure B.
- 3) Insert the magazine into the rifle with the clear cover facing toward the back of the rifle. You should be able to see the back of the pellets when the magazine is loaded correctly into the rifle so that you can keep track of your remaining shots when shooting.
- 4) Close the side cocking lever forward, this will load a pellet into the breach of the rifle. At this point the rifle is loaded. Ensure that the rifle is pointed in a safe direction and keep your finger off the trigger until you are ready to shoot.
- 5) Aim the rifle at your intended target, push the safety lever forward and pull the trigger to fire the rifle. To load the next pellet simply re-cock the side lever by pulling it to the rear and returning it to the closed position. The next shot is ready to fire, repeat until all pellets have been fired. When the magazine is empty, you will not be able to close the cocking lever until the magazine is removed or refilled.

Decocking the Rifle

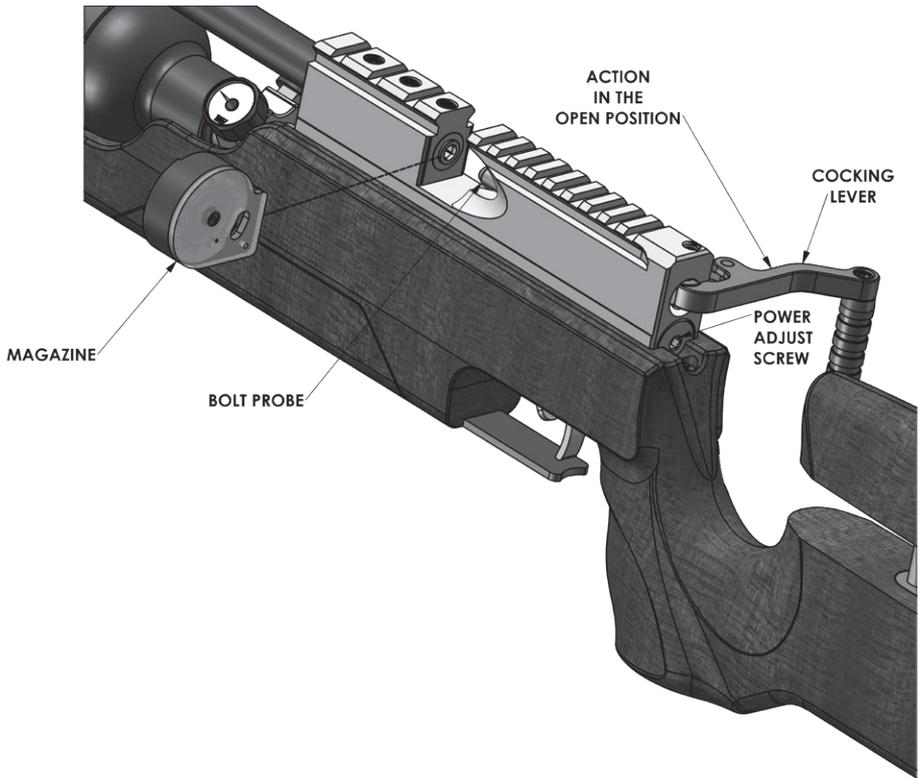
- 1) To decock the rifle open the side lever and remove the magazine.
- 2) With the magazine removed, and the side lever held to the rear, point the rifle in a safe direction and pull the trigger releasing the tension on the hammer spring.
- 3) With the trigger depressed, close the loading lever.
- 4) The rifle is now decocked and ready for storage or transport.



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Loading and Firing the Air Rifle

Figure B



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RapidAirWorx Warranty for Airguns Sold in the United States

Mailing the enclosed warranty card within 60 days of purchase entitles the original buyer to a warranty covering defects in material and workmanship for one year from the date of purchase of the airgun. Any RapidAirWorx airgun covered by this warranty will be repaired or replaced at the discretion of RAW, should a defect in material or workmanship be found.

Normal wear parts such as O-rings and seals, are not covered.

Repairs may only be made by the factory. This warranty becomes invalid for any gun that is disassembled or modified in any way not specifically authorized by the factory. This warranty also becomes invalid for any gun that has been damaged by abuse or improper handling.

Contact information for repairs: For repairs, contact the manufacturer. You will be provided with instructions on how to return your airgun to the factory. R.A.W. info@rapidairworx.com 1-877-247-4867.

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Rapid Air reserves the right to change, modify or discontinue products or features at any time.*

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