

READYFIRE™ HOME DEFENSE PROJECTILE LAUNCHER KIT

WITH PRESSURE INDICATOR
& FASTER PIERCING
MAGAZINE



OWNER'S MANUAL

SL-P1C-BY • SL-P1C-BY-2
SL-P1C-BK-INT

WARNING

To prevent **SERIOUS INJURY OR DEATH**, **DO NOT** use, attempt to load or deploy this Home Defense Projectile Launcher until you have read this entire manual.

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**Video Assembly &
Safety Guidelines**



SL-P1C-BY
Pepper Projectile
Launcher
Product Details



SL-P1C-BY-2
Impact Projectile
Launcher
Product Details

Thank you for your purchase of the ReadyFire™ Home Defense Projectile Launcher

Your Home Defense Projectile Launcher will provide many years of dependable service if cared for properly. To avoid serious injury or death, please take the time to read this manual thoroughly and become familiar with your Launcher's parts, operation, and safety precautions before you attempt to load or deploy it. This manual should be used as a reference for proper use and care.

If you need assistance, please contact SABRE® Customer Service at 1-800-325-9568.

WARNING

WARNING/LIABILITY STATEMENT & DISCLAIMER

This Home Defense Projectile Launcher launches projectiles at a high rate of speed that can lead to serious injury or death if not used properly. Purchaser is responsible for and assumes all liability resulting from unsafe handling, use contrary to instructions or warnings (which is hereby defined as "misuse") or any action that constitutes a violation of any applicable laws or regulations. SABRE® hereby disclaims all liability and any legal, express or implied warranties. In no event shall SABRE® be liable for direct, indirect, special, incidental or consequential damages resulting from breach of warranty or any other legal theory. In no event will SABRE® be liable for sums in excess of the purchase price of the product. SABRE® shall not be liable for lost profits or goodwill; downtime; damage or destruction of items or equipment used with, or in conjunction with, SABRE®; personal injury or loss; or any other damages, resulting from the use of the Launcher under circumstances which includes intentional, reckless, negligent, accidental discharge and any contact outside of the authorized target acquisition area. The authorized target acquisition area is from the belt line / navel to upper chest. **To prevent SERIOUS INJURY OR DEATH, DO NOT aim or shoot at head, face, neck, spine, or groin. DO NOT shoot at a distance of less than 6ft (2m).**

All information contained in this manual is subject to change without notice. SABRE® reserves the right to make changes and improvements to products without incurring any obligation to incorporate such improvements into products previously sold. If you do not agree with the assumptions and risk as set forth above, please return your product for a full refund.

SABRE® does not accept liability for user actions. If you **DO NOT** accept the liability, **DO NOT** use the SABRE® Home Defense Projectile Launcher.

SAFETY IS YOUR RESPONSIBILITY!

SAFETY INFORMATION

WARNING

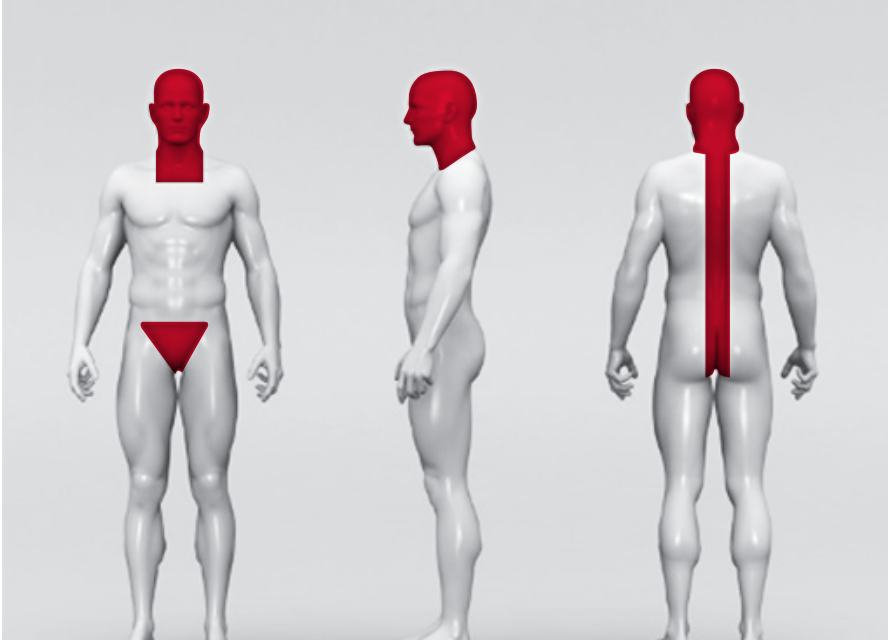
To prevent **SERIOUS INJURY OR DEATH**, you must observe the same precautions as you would with any firearm to assure the safety of yourself and everyone around you. The operator should always use caution when using, maintaining, or otherwise handling the Home Defense Projectile Launcher. You must ensure that the product is being legally used. By purchasing this Launcher, you assume total responsibility for its safe and lawful use.

- **DO NOT** load or deploy this Launcher until you have completely read this manual and are familiar with its safety features, mechanical operation, and handling characteristics.
- Treat the Home Defense Projectile Launcher with the same care as a loaded firearm. Handle the Launcher as if it were loaded at all times. Keep your finger off the trigger until ready to shoot.
- **DO NOT** look down the barrel of the Home Defense Projectile Launcher. Accidental discharge into the eyes may cause permanent injury or death.
- **NEVER** point or discharge the Home Defense Launcher at anything you **DO NOT** intend to shoot (see Warning on page 4).
- Always maintain control of the barrel. Keep the barrel pointed down or in a safe direction.
- Eye protection (safety glasses) should always be worn by the user.
- Load the Home Defense Projectile Launcher with SABRE® projectiles only. **DO NOT** disassemble the Launcher while it is pressurized. **DO NOT** pressurize the Launcher while it is disassembled.
- Keep exposed skin away from escaping CO₂ gas when installing or removing the CO₂ cartridge, or if the Home Defense Projectile Launcher or CO₂ cartridge is leaking. Mishandling can cause violent ejection of parts or severe frostbite.
- Use only .68 Caliber SABRE® brand projectiles in the Home Defense Projectile Launcher—**NEVER** load or deploy foreign objects. The use of any other projectile in the Launcher is a misuse that may result in product malfunction, failure, or serious injury or death. Use of any non-SABRE® brand projectile voids all warranties. SABRE® accepts no responsibility for product performance or results should the Launcher be used with any projectile(s) other than SABRE® projectiles.

WARNING

To prevent **SERIOUS INJURY OR DEATH**, **DO NOT** aim or shoot at head, face, neck, spine or groin.

NEVER AIM OR SHOOT AT THE AREAS OF THE BODY MARKED IN RED.



OVERVIEW

ReadyFire™ Home Defense Projectile Launcher



CONTENTS:

- Launcher
- Carry Pouch
- (7) Projectiles (pepper or impact)
- (7) Practice Projectiles
- Practice Target
- 1 Magazine
- (2) 12-gram CO₂ cartridges
- Hex Wrench

BASIC SPECIFICATIONS (Typical)	
Caliber	.68 in (17.3 mm)—SABRE projectiles only
Magazine capacity	7 projectiles
Required CO ₂	12g CO ₂ , single-use cartridge
Effective shots per 12g CO ₂ (approx.)	Up to 14 (varies with temperature and rate of fire)
Operating temperature for Best Performance	59°F–120°F (15°C–49°C)

Padded Soft Side Case (Water-Resistant Fabric)



12g CO₂
Cartridges

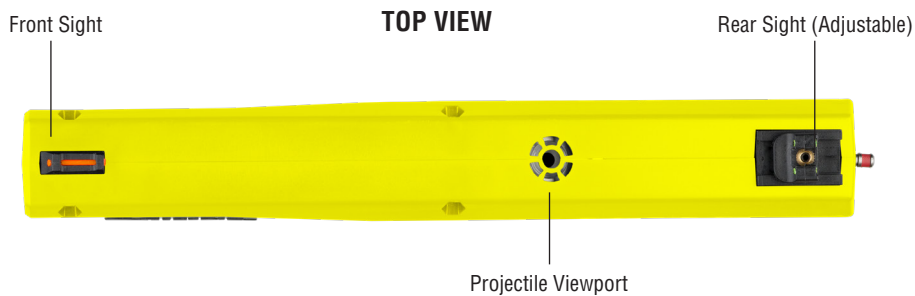


Practice
Target

Hex Wrench



OVERVIEW





REMOVING THE MAGAZINE

WARNING

Not seeing a projectile in the Projectile Viewport does not indicate that the Launcher is unloaded or safe.

1. Point the Launcher in a safe direction and keep your finger off the trigger.
2. Place your hand under the Magazine.
3. Press the Magazine Release Button and pull the magazine out of the Launcher.
 - A brief hissing sound may occur if residual CO₂ is present.
4. Visually and physically inspect the chamber to confirm no projectile is present.
5. Check inside the grip area to ensure no projectiles remain in the Launcher.



CO₂ CARTRIDGE COMPATIBILITY - CRITICAL INFORMATION

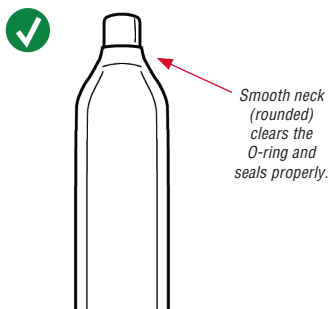
⚠ WARNING

Use of incorrect CO₂ cartridges can damage the magazine and cause leakage, resulting in product malfunction and possible injury. Use of incorrect CO₂ cartridges will also void the product warranty.

**FIGURE 1 – CAP-SEAL CARTRIDGE
DO NOT USE**



**FIGURE 2 – SMOOTH-NECK CARTRIDGE
ONLY THIS TYPE
APPROVED FOR USE**



The SL-P1C-BY is designed to operate **ONLY** with 12g CO₂ cartridges that have a **SMOOTH NECK** (see **Figure 2**). Do **NOT** use 12g CO₂ cartridges with a **CAP SEAL** (see **Figure 1**).

Use of the correct smooth-neck cartridge ensures a proper seal, reliable performance, and safe operation.

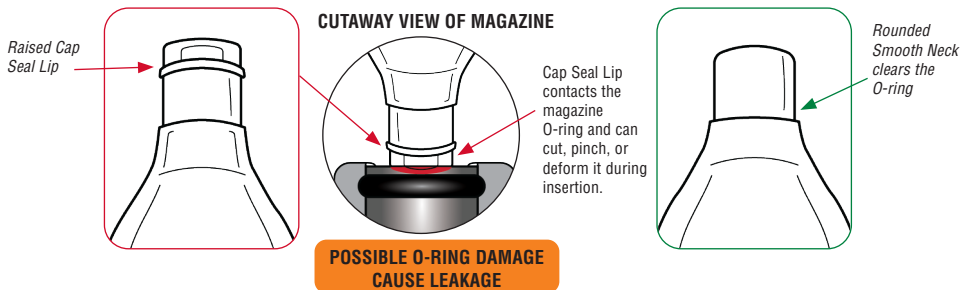
Important:

The SL-P1C-BY has been designed, tested, and validated for use **ONLY** with genuine SABRE® 12-gram Smooth-Neck CO₂ cartridges.

Do **NOT** use CO₂ cartridges with a cap-seal (raised lip) or cartridges from other manufacturers unless specifically approved by SABRE®.

Neck Geometry Comparison

WHY CAP-SEAL CARTRIDGES MUST NOT BE USED



The raised lip (cap seal) on certain CO₂ cartridges will contact the magazine O-ring during insertion. This can cut, pinch, or roll the O-ring, causing it to fail. An O-ring that is damaged may not seal properly, leading to CO₂ leakage, reduced performance, or inability to fire.

FOR SAFE OPERATION:

- Do **NOT** use cap-seal (raised lip) CO₂ cartridges.
- Do **NOT** use cartridges that have not been approved by SABRE®
- Inspect the O-ring for damage before each use.
- Do not force a CO₂ cartridge into the magazine.
- If leakage occurs, stop use immediately and inspect the O-ring and cartridge.

CO₂ CARTRIDGE INSTALLATION / REMOVAL

SAFE USE & HANDLING OF CO₂ CARTRIDGES

WARNING

Eye protection (safety glasses) should always be worn by the user. Once the CO₂ cartridge is installed and the Home Defense Projectile Launcher has been fully pressurized (see page 13), **USE CAUTION** as the Launcher is now capable of firing after engaging the grip safety. Treat the Launcher with the same care as a loaded firearm at **ALL TIMES**. Keep your hands and face away from vaporizing CO₂ gas. If the gas comes in contact with the skin, it can cause rapid cooling and frostbite. Before removing the CO₂ cartridge from the Launcher, make sure that the CO₂ cartridge is empty (see page 14).

WARNING

It is possible that certain conditions may affect a CO₂ cartridge, which can impact its proper performance. Temperatures that are higher than 70°F/21°C or lower than 59°F/15°C may affect the deployment and total range the projectile travels. Rapid firing of the Home Defense Projectile Launcher can affect the performance of the CO₂ cartridge as well.

High temperatures can increase the pressure inside both the CO₂ cartridge and the Launcher, resulting in higher than standard operating pressure. This excessive pressure can cause the Launcher to malfunction or even sustain permanent damage. The maximum storage and operation temperature should never exceed 120°F (49°C). This temperature can easily be reached if the Launcher is left under direct sunlight on a bright day. To ensure proper operation and avoid potential hazards, do not expose the Launcher or CO₂ cartridges to high temperatures or direct sunlight for extended periods. Overheating can cause the CO₂ cartridge to explode, leading to damage to the Launcher and potentially causing **SERIOUS INJURY OR DEATH**.

Rapid consecutive deployments can cause a drop in temperature in the Home Defense Projectile Launcher and the CO₂ cartridge, which may lead to decreased projectile velocity and insufficient CO₂ pressure for proper deployment. This issue is more pronounced in cold weather. To avoid this, allow longer intervals between shots, giving the CO₂ cartridge time to warm up and regain pressure, ensuring normal velocity.

During rapid deployment, the barrel velocity of each shot will decrease, which can affect your shooting accuracy and reduce the total number of shots you can get from each CO₂ cartridge. When you fire quickly in succession, the CO₂ cartridge cools down, resulting in lower pressure and, consequently, reduced velocity for each subsequent shot. This can lead to a decrease in accuracy and efficiency. Allowing time between shots helps the CO₂ cartridge to warm back up, maintaining optimal pressure and performance.

Pay careful attention to the operation of the Home Defense Projectile Launcher. It is important to avoid using the Launcher with a CO₂ cartridge that is low on pressure. Indicators of insufficient pressure include:

- A) The sound of the shot is noticeably quieter compared to when the cartridge is full.
- B) Reduced projectile velocity, indicated by the projectile hitting the target lower than where the Launcher was aimed, suggesting a drop in shooting speed.
- C) Pressure indicator pin is not extended (See page 19).

CO₂ CARTRIDGE INSTALLATION / REMOVAL

Important CO₂ safety notes: CO₂ cartridges are under high pressure (**800–900 psi (55-62 bar) at room temperature**). Improper release can cause violent ejection of parts and extreme cold that can cause frostbite. Always follow the procedures below.

Installing an Unpierced CO₂ Cartridge

1. Ensure the magazine is empty of projectiles or properly loaded with SABRE projectiles.
2. Insert one approved 12-gram smooth-neck CO₂ cartridge into the magazine with the small neck facing the piercing assembly (Figure 1).

Push the cartridge fully into the magazine until it is properly seated.

At this stage, the CO₂ cartridge is not pierced and the magazine is not pressurized.

Only use approved smooth-neck CO₂ cartridges as described in the CO₂ Cartridge Compatibility section.



Figure 1



Figure 2



Incorrect
Installation



Correct
Installation

Piercing CO₂ Cartridge (Magazine):

1. Insert the magazine into the Launcher until it clicks into place.
2. Using the base (heel) of your palm, deliver one firm, decisive strike to the bottom of the magazine to pierce the CO₂ cartridge.
 - Do NOT tap lightly
 - Do NOT strike multiple times unless instructed below.

NOTE: If the hiss continues, remove the magazine and repeat Steps 1 and 2 to ensure the CO₂ cartridge is fully pierced.

3. Verify the pressure indicator pin is extended and the red indicator is visible. The Launcher is now charged. If you detect continuous hissing or leaking, remove the magazine and contact SABRE® Customer Service.

IMPORTANT SAFETY NOTES

If the Pressure Indicator Pin:

- Does not extend after piercing CO₂:
- The cartridge may not be properly pierced
- The cartridge may be empty or defective
- Replace the CO₂ cartridge and repeat the procedure.

Safe Removal / Degassing CO₂ Cartridge (Pierced Cartridge):

1. Point the Launcher in a safe direction, away from yourself and others. Keep your finger off the trigger.
2. Remove the magazine from the Launcher (see Figure 3).
3. Remove all projectiles from the magazine.
4. Visually and physically inspect the chamber to confirm it is clear.
 - Remove any projectile before proceeding.
5. Confirm the Launcher is fully unloaded before continuing.
6. Reinsert the EMPTY magazine into the Launcher until it clicks into place.
7. Point the Launcher downward, away from yourself and others. Keep your finger off the trigger.
8. Press the CO₂ cartridge release button to begin CO₂ discharge (see Figure 4).
 - A hissing sound will be heard as gas vents from the cartridge.

NOTE: If you have rapidly deployed projectiles, and no gas releases when release button is pressed, wait 60-90 seconds for CO₂ cartridge to reach ambient temperature and try again. When you think all gas has been released, aim Launcher downward and fire 1 shot into the ground to ensure pressure is completely released.

9. Continue holding the Launcher in a safe direction and DO NOT remove the magazine until:
 - All hissing has completely stopped, and
 - The pressure indicator pin has fully collapsed.

10. Press the CO₂ cartridge release button.

11. Carefully remove the CO₂ cartridge.

- The cartridge may be extremely cold. Allow it to return to ambient temperature before handling directly.



Figure 3



Figure 4

DO NOT RE-USE PUNCTURED CO₂ (See Figure 5).

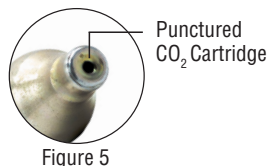


Figure 5

DANGER

NEVER USE A DAMAGED CO₂ CARTRIDGE. USE EXTREME CAUTION WHEN REMOVING PUNCTURED CO₂ CARTRIDGES. IMPROPER USE, REPLACEMENT, OR STORAGE MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH.

WARNING

TO PREVENT SERIOUS INJURY OR DEATH: ONLY release CO₂ pressure when magazine is secured **INSIDE** the Launcher. **DO NOT** release CO₂ pressure when magazine is removed from the Launcher. May result in sudden gas release or ejection of components causing serious injury or death.



MAGAZINE LOADING / UNLOADING PROJECTILES

WARNING

Use **ONLY** .68 Caliber SABRE® brand projectiles in the Home Defense Projectile Launcher. **NEVER** load or deploy foreign objects. The use of any other projectile in the Launcher is a misuse that may result in product malfunction, failure, or serious injury or death.

Use of any non-SABRE® brand projectile voids all warranties. SABRE® accepts no responsibility for product performance or results should the Home Defense Projectile Launcher be used with any projectile(s) other than SABRE® projectiles.

MAGAZINE LOADING / UNLOADING PROJECTILES

WARNING

Projectiles:

Read the label carefully before opening the container or using any contents. By opening the container, you acknowledge that you have read the entire label and accept its terms and conditions.

Handle SABRE® projectiles with care and follow proper cleanup procedures. SABRE® projectiles can cause skin irritation, serious eye irritation, and serious respiratory irritation.

Exposure may result in:

- Copious tears
- Burning sensation
- Temporary blindness
- Difficulty breathing

Important Precautions:

- Never ingest the projectiles.
- Do not rub or apply creams, salves, lotions, or oils.
- In case of accidental exposure, exit the area immediately.
- Discard contact lenses and wash exposed clothing before reuse.
- Remove contact lenses and contaminated clothing.
- Seek medical advice/attention if exposure or ingestion occurs.
- Flush eyes and affected areas with cool water.

Storage and Handling:

- Keep all SABRE® projectiles out of the reach of children.
- Store in a secure location with temperatures between -15°F and 120°F.
- SABRE® projectiles have a shelf life of 3 years; dispose of them safely after this period.

Exposure Procedures:

Eye Contact:

- Flush eyes and contaminated areas immediately with large amounts of cool water.
- Move to fresh air.
- Remove and discard contact lenses.

Skin Contact:

- Wash skin with soap and water.
- Wash contaminated clothing before reuse.
- Flush skin with large amounts of cool water.
- Do not rub or apply creams, salves, oils, lotions, or burn cream.

Inhalation:

- Move to fresh air immediately if inhaled.
- Administer oxygen if breathing is difficult
- Keep the person calm.
- Begin artificial respiration if not breathing
- Seek medical attention if breathing difficulty persists

Ingestion:

- Although unlikely, treat ingestion as an acute non-specific airway reaction.
- Do not induce vomiting.
- Seek medical attention immediately.

HOW TO LOAD PROJECTILES

Insert a maximum of 7 projectiles into the magazine from the top (see figure 6). The projectiles will be held in place automatically by the projectile retainer pin.

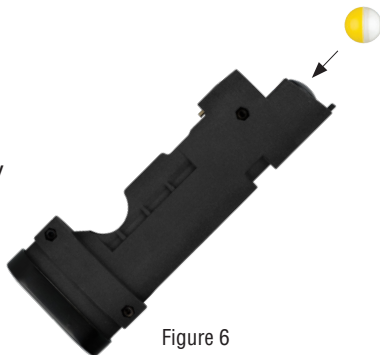


Figure 6

HOW TO UNLOAD PROJECTILES

To release projectiles from the magazine, press down on the magazine projectile release pin (see figure 7a) and empty projectiles into your other hand (see figure 7b)

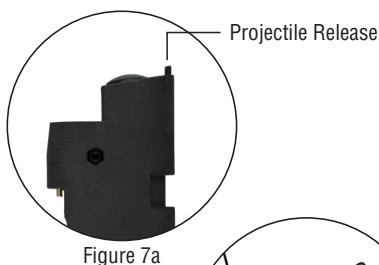


Figure 7a



Figure 7b

LOAD MAGAZINE INTO LAUNCHER

Place the Magazine in the grip of the Home Defense Projectile Launcher as illustrated at right (Figure 8). Once the magazine has started entering the grip seat, continue to insert the magazine until it is secured by the magazine catch. You should hear a click as it is inserted. Pull downward gently to verify the magazine is fully seated and locked into place.

Note: If magazine does not lock on first insertion, remove it completely and reinsert.



Figure 8

PRESSURE INDICATOR PIN

Purpose

The Pressure Indicator Pin provides a visual indication of CO₂ pressure status inside the Launcher. This feature helps the user determine whether the Launcher is:

- Operational (ready to fire)
- Low on pressure (requires safe degassing before handling, replacement required)

How the Pressure Indicator Works

- Pin Extended with Red Visible (see Figure 9):
 - The Launcher is pressurized and capable of firing when the grip safety is engaged and the trigger is pulled.
- Pin Extended — Red Indicator Not Visible (see Figure 10):
 - The Launcher still contains residual CO₂ pressure, but pressure may be insufficient for reliable firing.
 - The CO₂ cartridge should be replaced at this point. Follow steps in the CO₂ CARTRIDGE INSTALLATION / REMOVAL section.
- Pin Retracted (Flush / Not Visible) (see Figure 11): The Launcher may still contain a small amount of pressure, but pressure will be insufficient for reliable firing.

Figure 9



Figure 10



Figure 11



When to Replace the CO₂ Cartridge

Replace the CO₂ cartridge when:

- After approximately 14 shots, or
- When the red portion of the Pressure Indicator Pin is no longer visible

Even if the Launcher still produces sound or partially functions when deployed, it may not perform reliably.

Required Steps Before CO₂ Removal

1. Remove the magazine
2. Remove all projectiles
3. Visually and physically confirm the chamber is clear
4. Reinsert the EMPTY magazine
5. Degas the Launcher completely (per CO₂ CARTRIDGE INSTALLATION/ REMOVAL section.) until:
 - All hissing stops
 - The Pressure Indicator Pin is fully retracted

ONLY after these steps is it safe to remove the CO₂ cartridge.

WARNING

TO PREVENT SERIOUS INJURY OR DEATH: ONLY release CO₂ pressure when magazine is secured **INSIDE** the Launcher. **DO NOT** release CO₂ pressure when magazine is removed from the Launcher. May result in sudden gas release or ejection of components causing serious injury or death.



IMPORTANT SAFETY NOTES

If the Pressure Indicator Pin:

- Remains extended after degassing:
 - The Launcher may still be pressurized
 - Repeat the degassing procedure
 - Contact SABRE® Customer Service if condition persists

WARNING

TO PREVENT SERIOUS INJURY OR DEATH:

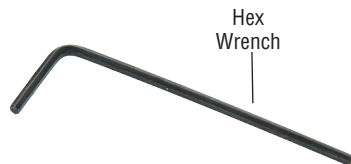
The Launcher may still be capable of firing if improperly handled, even if the Pressure Indicator Pin is not clearly visible.

- Always treat the Launcher as if it is loaded and pressurized until you have verified:
 - CO₂ is fully degassed
 - Magazine is removed
 - Chamber is clear

REAR SIGHT ADJUSTMENT

TOOLING

The tool necessary for adjusting the rear sight is a 1.5 mm hexagon wrench (included).



INSTRUCTIONS

1. Use hexagon wrench to loosen the screw located on the rear sight.
2. Slide the rear sight on the scale to bring it into position (Figure 11).
The Launcher is factory sighted for 30 ft (9 m). For distances shorter than 30ft, slide the rear sight forward, or closer to the front sight. For distances longer than 30ft, slide the rear sight rearwards, or further away from the front sight.
3. Hand tighten the screw with hexagon wrench to stabilize the rear sight.
Do not overtighten or the hex wrench may strip the screw.

Figure 11



DEPLOYING/SHOOTING

Before firing: Confirm Launcher is charged (see page 13), magazine is loaded, and barrel is pointed at a safe, legal target (practice target only for inert projectiles).

GRIP SAFETY

The Home Defense Projectile Launcher is equipped with a grip safety located on the top of the rear grip of the Launcher (Figure 9). To engage grip safety, press and hold the grip safety button inward with palm. When the grip safety is pushed in, the Launcher is active, and the trigger can be pulled to deploy the projectiles. Use the grip safety to prevent accidental discharges; only when the grip safety is intentionally engaged will the Launcher fire.



Figure 9

AIMING

Align the front fiber-optic sight in the center of the rear sight. Use standard sight picture: top of front sight aligned with center of the target. The Front Red Fiber Optic Sight and Rear Green Fiber Optic Sights should be in an even line across. (Figure 10).

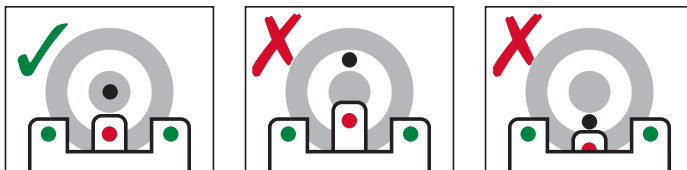


Figure 10

FIRING AT SAFE TARGET (PRACTICE)

WARNING

To prevent **SERIOUS INJURY OR DEATH**, you and others in the immediate area should always wear eye and ear protection made specifically to protect your eyes and ears. Ricochets can and do occur.

- **NEVER** reuse projectiles. **ONLY** use SABRE® Inert .68 Caliber Practice Projectiles when deploying at the practice target.
- Hang the paper practice target provided on a concrete or brick wall. Always choose your target location carefully, use only Inert Projectiles, and be mindful of projectile fragmentation which can ricochet back towards you.
- Treat your Home Defense Projectile Launcher as you treat a loaded firearm. Always aim your Launcher in a **SAFE DIRECTION**. Never aim at anything you do not intend to shoot.
- While gripping the Home Defense Projectile Launcher, push the grip safety inward on the rear of Launcher and squeeze the trigger with steady pressure until the Launcher deploys.
- Through the Home Defense Projectile Launcher automatic reload system, the projectile will be cocked and ready to deploy after each pull of the trigger.
- After all projectiles have been deployed, reload magazine (see page 16).
- **DANGER** – Ricochets can project further distances than original shooting distance.
- **DO NOT RE-USE CO₂ CARTRIDGE ONCE IT HAS ALREADY BEEN PUNCTURED.**

CLEANING & MAINTENANCE

WARNING

- **DO NOT MODIFY OR ALTER YOUR LAUNCHER.**
- Attempts to modify or disassemble the Home Defense Projectile Launcher in any way inconsistent with this manual is a misuse, may make the Launcher unsafe to use, may cause **SERIOUS INJURY OR DEATH**, and will void the warranty.
- If the Home Defense Projectile Launcher is dropped, visually check to ensure it functions properly before using it again. If the function is altered, such as a short or weak trigger pull, this may indicate worn out or broken parts. Contact SABRE® Customer Service at 636-343-0200 or toll free at 800-325-9568, before using the Launcher again.

Always wear eye protection (safety glasses) when cleaning or performing maintenance on your Home Defense Projectile Launcher. Before you attempt to clean and maintain your Launcher, ALWAYS make sure the CO₂ cartridge is removed and projectiles are unloaded from the magazine to reduce the chance of an accidental discharge. Never clean or perform maintenance on a loaded or pressurized Home Defense Projectile Launcher. Follow CO₂ cartridge removal instruction on page 13 and projectile removal on page 18.

Your Home Defense Projectile Launcher will maintain proper function longer if you apply 1 drop of 100% Silicone Lubrication Oil (non-petroleum based) on the tip of CO₂ cartridge every 500 shots. This will lubricate the o-ring in the magazine to prevent dry rotting.

- Do not use Petroleum based products and aerosol products as this can damage O-Rings. Do not use any petroleum-based or aerosol cleaning solvents.
- Clean your Home Defense Projectile Launcher using a damp towel to wipe off grease and debris. To remove dirt and debris from barrel, use a .68 caliber soft nylon bore brush or .68 caliber squeegee with magazine removed.
- To clean magazine well and breech, use a small soft rag, or cleaning brush with magazine removed.
- Clean the magazine with a damp towel to wipe off grease and debris. Dry springs immediately to help prevent rusting. Powder residue may accumulate on the magazine. Remove this powder to ensure proper operation of the Home Defense Projectile Launcher.

STORAGE

Store your Home Defense Projectile Launcher safely by making sure the magazine is unloaded and the CO₂ is removed.

- Keep product locked and out of reach of children.
- Do not store CO₂ cartridges near heat sources, open flames, or above 120°F (49°C).
- These products should be stored in such a manner to protect against theft and subsequent misuse.
- For shipping to SABRE® for service, remove CO₂ cartridges—do not ship CO₂ cartridges.

TROUBLESHOOTING

See the SABRE® How-To Videos, if videos do not address issue, contact customer service. The Home Defense Projectile Launcher is designed for reliable use. However, as with all CO₂-powered systems, issues may occur. The following troubleshooting guide will help you identify and correct the most common problems. Always follow safety precautions before performing any checks. **NOTE:** If a problem still exists, contact SABRE® Customer Service at 636-343-0200 or toll free at 800-325-9568.

PROBLEM	SOLUTION
Magazine will not feed projectiles correctly.	Clean the magazine with a damp towel to wipe off grease and debris. Dry springs immediately, if necessary, to help prevent formation of rust.
When I pull the trigger, the Launcher does not deploy	Remove the magazine, replace CO ₂ cartridge, and repeat the deployment procedure (see pages 17-18).
My Launcher deploys, with audible shooting sound, but it doesn't deploy a projectile.	Remove Magazine and ensure projectiles are properly loaded in the magazine.
I hear CO ₂ leaking from the magazine.	Ensure the CO ₂ cartridge is properly installed and punctured. If you still hear leaking CO ₂ , remove CO ₂ cartridge and inspect puncture pin for damage.

TROUBLESHOOTING

Launcher will not fire (no sound, no CO₂ release)

Possible causes:	What to do:
- Magazine not seated properly. - Grip safety not fully depressed. - CO₂ cartridge not pierced. - Trigger mechanism blocked.	- Ensure magazine is inserted until it clicks. - Confirm grip safety is fully pressed when pulling the trigger. - Remove the magazine, insert a new CO₂ cartridge. Then firmly strike the bottom of the magazine with the base of your hand to pierce. - If problem persists, contact SABRE® Customer Service.

Hiss of CO₂ but no projectile exits

Possible causes:	What to do:
- Magazine empty or not loaded correctly. - Projectile jam or follower spring issue.	- Remove magazine and check for projectiles in both the chamber and magazine. - Release the projectile follower and reload properly. - Clean magazine feed lips with a soft cloth. - Replace magazine if issue continues.

Weak shots or reduced range

Possible causes:	What to do:
- Low CO₂ pressure (cartridge nearly empty). - Firing too quickly, causing CO₂ to cool. - Cold ambient temperature. - Minor CO₂ leak.	- Replace CO₂ cartridge. - Allow longer interval between shots. - Warm Launcher and CO₂ cartridge to room temperature before use. - If you hear continuous leaking, remove CO₂ cartridge, degas, and contact SABRE® Customer Service.

Continuous CO₂ leak (hissing does not stop)

Possible causes:	What to do:
• CO₂ cartridge not seated correctly. • Damaged O-ring or puncture pin. • Faulty valve seal in magazine.	1. Remove magazine safely and degas. 2. Inspect CO₂ cartridge orientation and seating. 3. Insert a new CO₂ cartridge and test again. 4. If leak continues, stop using magazine and contact SABRE® Customer Service

Magazine does not pierce CO₂ when firmly struck

Possible causes:	What to do:
• CO₂ cartridge inserted incorrectly. • Piercing base plate stuck or obstructed. • Defective CO₂ cartridge.	1. Confirm CO₂ cartridge is oriented correctly. 2. Remove CO₂ cartridge and visually inspect piercing base for free movement. 3. Insert a new cartridge and try again. 4. If still not piercing, replace magazine.

Magazine does not lock into place

Possible causes:	What to do:
• Magazine catch blocked or dirty. • Burrs or damage on magazine rails.	1. Clean magazine rails and Launcher grip area. 2. Reinsert until it clicks. 3. If magazine still does not lock, contact SABRE® Customer Service.

Pressure indicator pin does not extend after piercing

Possible causes:	What to do:
• CO₂ not pierced. • Pin stuck or obstructed. • Low CO₂ pressure.	1. Listen for hiss when piercing—if no hiss, CO₂ cartridge may not be pierced. 2. Replace with new CO₂ cartridge and try again. 3. If pin still does not extend, contact SABRE® Customer Service.

TROUBLESHOOTING

Double-feeding or jams

Possible causes:	What to do:
• More than 7 projectiles loaded. • Magazine follower spring worn or damaged.	1. Always load maximum of 7 projectiles. 2. Inspect magazine follower; replace magazine if damaged.

Rear sight drifting or moving

Possible causes:	What to do:
• Loose adjustment screw.	1. Use included 1.5 mm hex wrench to tighten sight screw. 2. Apply thread locker if issue repeats.

FAQs

Is my Home Defense Projectile Launcher considered a firearm?

No, it is considered less-lethal and not considered a firearm by ATF.

Where can I carry my Home Defense Projectile Launcher?

Always check state and local regulations relating to CO₂ powered Launchers and self-defense products.

Is my CO₂ cartridge reusable?

When all the CO₂ gas has been dispensed, it cannot be reused.

How many shots can be effectively deployed with a 12-gram CO₂ cartridge?

Up to 14 shots. Rapid fire or cold temperatures may reduce this number.

What happens when I rapid deploy?

During rapid deployment, the velocity of each shot will diminish. This can affect shooting accuracy and you will get fewer shots per CO₂ cylinder.

How do I know when to change the CO₂ cartridge?

Care should be exercised to ensure that the Home Defense Projectile Launcher is not deployed with a CO₂ cartridge that is low in pressure. Here are some indicators of insufficient pressure:

- A) The sound of the shot is not as loud as when the cylinder is full.
- B) The projectile hits the target, but in a lower position than it would with a full CO₂ cartridge (This is a result of the shooting speed dropping).

FAQs

Can I reuse projectiles?

DO NOT re-use Launcher projectiles as this could damage your Home Defense Projectile Launcher and void the warranty.

Can I reload the magazine with projectiles while CO₂ is pierced?

Yes. The Magazine seals CO₂ when removed, allowing you to reload projectiles without losing pressure.

Why does my magazine hiss after piercing?

Small hiss at piercing is normal. Continuous hissing means a leak—replace the CO₂ or contact SABRE® Customer Service.

Can I use any CO₂ cartridge?

Use only high-quality 12-gram cartridges. Inferior brands may vary in size and cause leaks. Please reference page 11 for information on the correct CO₂ cartridge to use.

WARRANTY AND REPAIRS

WARRANTY AND REPAIR INFORMATION

Security Equipment Corporation (“SABRE®”) is dedicated to quality products and outstanding service. In the unlikely event of a problem with this SABRE® Home Defense Projectile Launcher and/or accessories, customer service personnel are available to assist you. For customer service and/or other information, please contact:

SABRE® Security Equipment Corporation
815 Sun Park Drive
Fenton, MO 63026

customersupport@sabrered.com

Phone: 636-343-0200

Toll Free: 800-325-9568

LIMITED WARRANTY

SABRE® warrants to the original purchaser that it will make any repairs or replacements necessary to correct defects in material or workmanship, at no charge to you, for the Home Defense Projectile Launcher for a period of two (2) years from the date of original retail sale. Proof of purchase, registration, and return authorization is required. You have 90 days from purchase date to register your product, **after 90 days the warranty is void if unregistered**. Refer to your warranty card & register your Launcher at www.Sabrered.com/Launcher-Warranty. You can find the serial number located on the front side of the Launcher. All SABRE® asks is that you properly maintain and care for the Home Defense Projectile Launcher and Accessories (collectively, the “Product”) and that you have warranty repairs performed by our Certified Tech Center.

This Limited Warranty is non-transferable, and it does not cover damage or defects to the Product caused by (a) improper maintenance; (b) alteration or modification; (c) unauthorized repair; (d) accident; (e) abuse or misuse; (f) neglect or negligence; and/ or (g) normal wear and tear.

SABRE® does not authorize any person or representative to assume or grant any other warranty obligation with the sale of this Product.

THIS IS THE ONLY EXPRESSED WARRANTY GIVEN WITH THE PURCHASE OF THIS PRODUCT; ANY AND ALL OTHER EXPRESS WARRANTIES ARE DISCLAIMED. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE APPLICABLE LIMITED WARRANTY PERIOD SET FORTH HEREIN, AND NO WARRANTIES, WHETHER EXPRESSED OR IMPLIED, SHALL APPLY AFTER EXPIRATION OF SUCH PERIOD. ALL OTHER WARRANTIES AND REPRESENTATIONS, ORAL OR WRITTEN, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED AND DO NOT APPLY. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HERE OF.

Except as required by law, no representative, agent or employee of SABRE® is authorized to make warranties, representations, or obligations inconsistent with or in addition to those set forth in this limited warranty.

Some states and nations do not allow limitations on the duration of implied warranties, so the above limitation may not apply to you.

The sole and exclusive liability of SABRE® and/or its authorized dealers under this Limited Warranty shall be for the repair or replacement of any part or assembly determined to be defective in material or workmanship.

SABRE® SHALL NOT BE LIABLE FOR, AND YOU EXPRESSLY DISCLAIM, ANY DIRECT, INDIRECT, CONSEQUENTIAL OR INCIDENTAL DAMAGES (COLLECTIVELY, "DAMAGES") ARISING OUT OF THE SALE OR USE OF, OR YOUR INABILITY TO USE, THE PRODUCT. NO PAYMENT OR OTHER COMPENSATION WILL BE MADE FOR DAMAGES, **SERIOUS INJURY OR DEATH** TO PERSON OR PROPERTY OR LOSS OF REVENUE WHICH MIGHT BE PAID, INCURRED OR SUSTAINED BY REASON OF THE FAILURE OF ANY PART OR ASSEMBLY OF THE PRODUCT.

Some states and nations do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that may vary from state to state or nation to nation.

Limitations: This warranty is void if the product is damaged by improper or abnormal use (including but not limited to any uses that are contrary to the instructions and/ or warnings) or by accident; the request for warranty arises in any way out of use contrary to the instructions or warnings; if the product is misused (including but not limited to the use contrary to the instructions and warnings), altered or modified in any way; or if any attempt is made to repair the product without authorization from SABRE®. It is solely the purchaser's responsibility to determine the suitability of these products for each particular application. The SABRE® Home Defense Projectile

Launcher is not suitable and is not authorized, for use in any situations that might pose potentially injurious to life and health, other than those situations that the products are intended.

This warranty is not assignable or transferable.

WARRANTY AND NON-WARRANTY REPAIRS

For Warranty and Non-Warranty Repairs:

1. In order to return an item or send for repairs, you must have an Return Authorization number prior to sending. Any item sent to SABRE® without prior consent will not be processed.
2. To obtain a Return Authorization number, contact SABRE® Customer Service at 1-800-325-9568 or email customersupport@sabred.com
3. If you have aftermarket parts on your Home Defense Projectile Launcher, please test the Launcher with original stock parts before returning the Launcher for service or repair.
4. Always unload and remove the CO₂ cartridge from the Home Defense Projectile Launcher (see page 10-12). Do not ship the CO₂ cartridge.
5. Ship the Product to:
SABRE® Service Dept.
815 Sun Park
Fenton, MO 63026

Return Authorization is required. Please contact customer support at customersupport@sabred.com or call Phone: 636-343-0200
Toll Free: 800-325-9568.
6. You must pre-pay postage and delivery charges.
7. Provide the date of purchase, invoice number and serial number located on the Home Defense Projectile Launcher.
8. Briefly describe the repair requested.
9. Include your name, return address, and a telephone number where you can be reached during normal business hours, if possible.

SABRE® makes every effort to complete its repair work as quickly as possible.
SABRE® will return the Product to you via regular ground UPS.

WARNING

TO PREVENT SERIOUS INJURY OR DEATH:

- Prior to use, you **MUST** read the Owner's Manual and watch the warnings and instructions at www.sabrered.com/homedefensekit. **NO** personal safety product, including this product, can guarantee your safety in an attack. Failure to use properly could result in the inability to stop an assailant. Use counter measures if necessary
- **DO NOT** look down the barrel of the Launcher.
- **KEEP OUT** of reach of children.
- **DO NOT** aim or shoot at the head, face, neck, spine or groin.
- **DO NOT** inhale or consume CO₂ cartridge.
- **NEVER USE** indoors unless protecting yourself or your family against an intruder.
- Projectiles can travel **OVER 200 FT** (61 m). Ensure there are no people within range.
- CO₂ cartridge **MUST** be fully discharged **BEFORE** removing from the Launcher.
- **DO NOT** mishandle CO₂ cartridge, may cause cartridge to expand or explode. **CONTENTS UNDER PRESSURE, DO NOT** expose to heat or store above 120°F (49°C).
- All training and practice **MUST** take place outdoors with INERT projectiles and against a structure such as a concrete or brick wall.
- **ONLY DEPLOY** at the practice target that has been secured to a concrete or brick wall during training.
- **NEVER** deploy at people or objects during training.
- **ONLY DEPLOY** INERT projectiles during training.



SL-P1C-BY-2
Impact Projectile Launcher
Product Details



SL-P1C-BY
Pepper Projectile Launcher
Product Details



SABRE®