



X-RPG Operator's Manual

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Table of Contents:

Using the Model X-RPG	Page 3
Assembling the X-RPG Launcher	Page 3
Assembling the X-RPG Rocket	Page 4
Cocking the X-RPG Launcher	Page 5
Loading the X-RPG Launcher	Page 6
Firing the X-RPG	Page 7

Table of Figures:

Figure 1 Model X-RPG System Components	Page 3
Figure 2 X-RPG Rocket Components	Page 4
Figure 3 X-RPG Cocking Mechanism	Page 5
Figure 4 Loading the X-RPG Launcher	Page 6



WARNING: This symbol indicates that violating this item could cause serious personal injury.



CAUTION: This symbol indicates that violating this item could cause minor or medium personal injuries or material losses

Using the Model X-RPG

Your Model X-RPG is used to simulate the firing and flight of a rocket propelled grenade (RPG) along a guideline. The simulated RPG uses disposable CO2 cartridges to propel the rocket along the guideline at speeds approaching 80 mph.

The X-RPG can be used in conjunction with an X-OHW or other Explosive Blast Simulator to replicate the explosive impact of an RPG if desired.

The X-RPG contains the following:

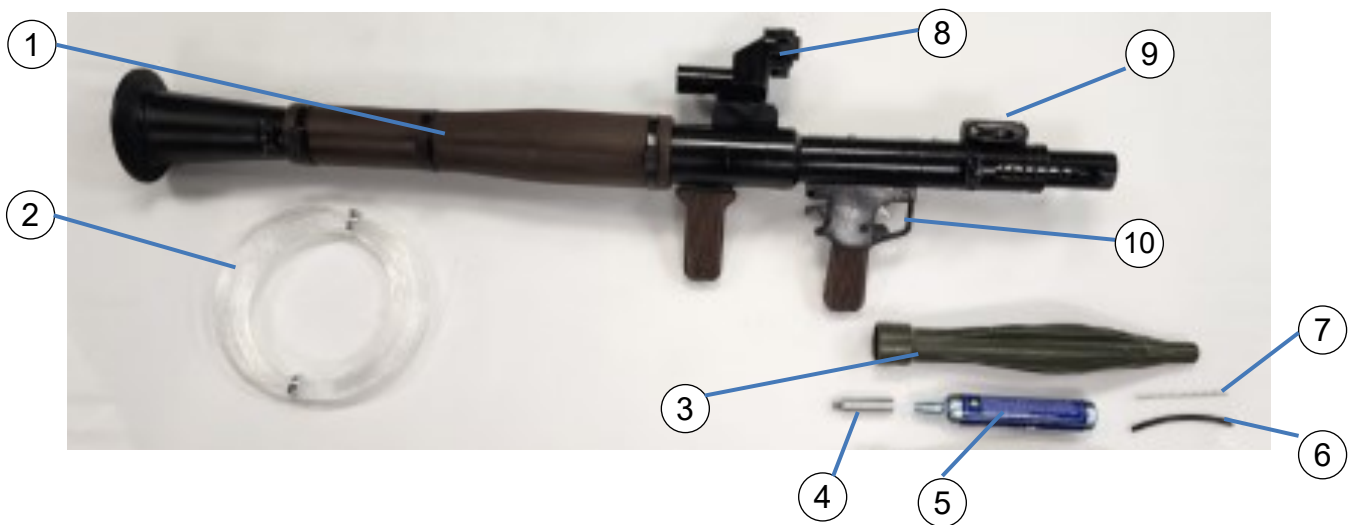


FIGURE 1

- | | |
|--------------------------|----------------------------|
| 1. Launcher | 6. Guideline Wrap (2 ea) |
| 2. Guideline | 7. Guideline Spring (2 ea) |
| 3. Rocket Body (2 ea) | 8. Sight Attachment |
| 4. Rocket Nozzle (2 ea) | 9. Guideline Cleat |
| 5. CO2 Cartridge (10 ea) | 10. Trigger |

Assembling the X-RPG Launcher

If desired, attach the Sight Attachment to the Launcher with the two screws provided. The sight Attachment is not required for proper operation of the X-RPG and is provided for aesthetic purposes only.

Preparing to fire the X-RPG

When fired, the Rocket will travel along the Guideline at speeds of up to 80mph. Large amounts of CO2 gas will be expelled from the Rocket creating a realistic visual signature.

Attach one end of the Guideline to the target area. Ensure that the nose of the Rocket will contact the target area on impact before the Guideline Groove or Guideline Sleeve contacts any knots or attachment points on the Guideline. This will help prevent unnecessary damage to the Rocket upon impact. Ensure that no knots or obstructions are present along the Guideline.



CAUTION: The Rocket will impact with the force of a hammer blow. Choose the target area accordingly.



CAUTION: The Guideline must be attached so that it can withstand at least 100lbs of tension.

Assembling the X-RPG Rocket

The X-RPG Rocket must be loaded with a new CO2 cartridge each time it is fired.

An X-RPG Rocket assembly contains the following:



FIGURE 2

- | | |
|-----------------------|-------------------------|
| 1. Rocket Body | 5. Rocket Nozzle Needle |
| 2. Guide Line Groove | 6. CO2 Cartridge |
| 3. Nose | 7. Guide Line Wrap |
| 4. Rocket Nozzle Body | 8. Guide Line Spring |

- Screw the Rocket Nozzle Body onto the CO2 Cartridge until it stops. The Rocket Nozzle Needle should move freely with approximately 1/8" of travel.
- Slide the CO2 Cartridge with the attached Rocket Nozzle into the Rocket Body with the Rocket Nozzle facing the open end of the Rocket Body until it stops.
- Slide the Guideline Wrap into the front of the Guideline Groove until it stops.
- *The Guideline Spring can be used instead of the Guideline Sleeve. The Guideline Spring can be attached to an installed Guideline by twisting onto the Guideline and does not have to be slid onto the Guideline from the end.*

Cocking the X-RPG Launcher

Use the Handle to push the Firing Pin back against the Firing Spring until it latches into the trigger.

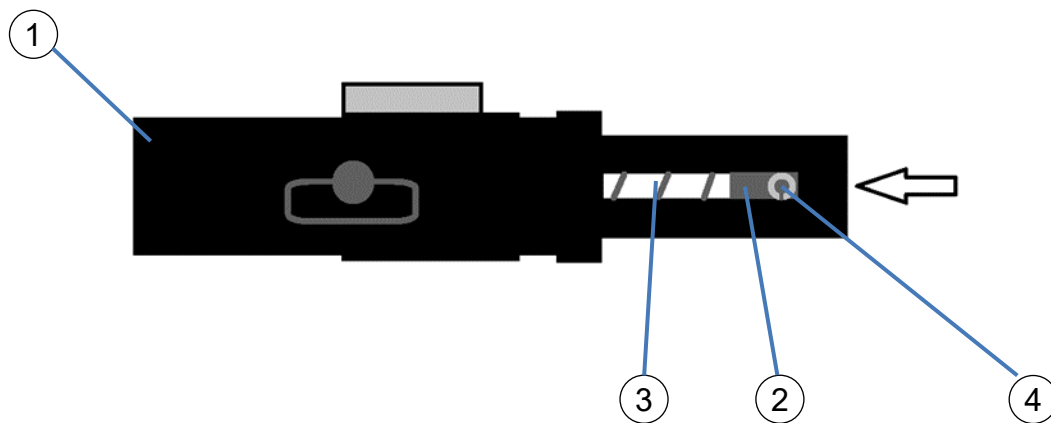


FIGURE 3

- | | |
|---------------|------------------|
| 1. Launcher | 3. Firing Spring |
| 2. Firing Pin | 4. Handle |

Push the Firing Pin back into the Launcher with the Handle and compress the Firing Spring until it clicks and locks in position.



CAUTION: DO NOT fire the X-RPG without the Rocket attached to the Launcher, as damage to the cocking mechanism will result.

Loading the X-RPG Launcher

Connect the Rocket to the Guideline and attach to the Launcher. Once loaded, the X-RPG is ready to fire.

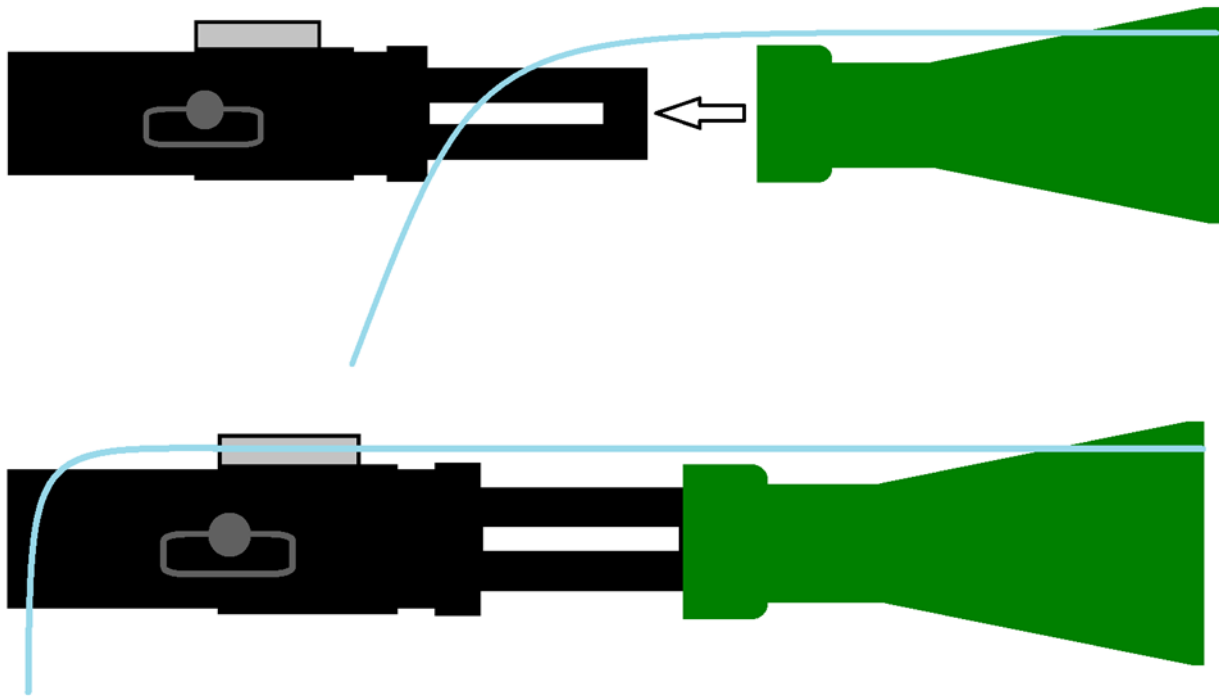


FIGURE 4

Slide the Guideline through the Guideline Sleeve and Guideline Groove of the Rocket Body.

Slide the Rocket onto the end of the Launcher until it stops.

Slide the Guideline through the Guideline Cleat and press the Guideline into the grooves of the Guideline Cleat to hold it in position. When tension is applied to the Guideline, the grooves in the Guideline Cleat will hold the Guideline. A stopper knot in the Guideline can be used if desired.



Firing the X-RPG

With the Rocket connected to the Guideline and attached to the Launcher, the X-RPG is ready to be fired.

For best performance, maintain a high level of tension (50-100lbs) on the Guideline before firing and during the flight of the Rocket.

To fire the X-RPG, apply tension to the Guideline and pull the trigger. The Firing Spring will propel the Firing Pin into the Rocket Nozzle that punctures the CO2 Cartridge. The escaping CO2 gas will propel the Rocket along the Guideline.



WARNING: Wear eye protection when firing the X-RPG as extreme amounts of CO2 gas will escape from the Rocket.



CAUTION: DO NOT fire the X-RPG without the Rocket attached to the Launcher, as damage to the cocking mechanism will result.



CAUTION: The Rocket will impact with the force of a hammer blow. Choose the target area accordingly.