



USER MANUAL

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Welcome

Congratulations for choosing the most advanced and simple to use defense product made today. Designed to operate simply and effectively with the latest technology in materials available, the ARMA 100 is the New Definition in less lethal technology weapons today and offers:

- Light weight
- Simple, with Ease of Use Versatile
- Twin safety features
- Stops Threats from a Distance Highly Effective
- Economical

Important Information:

This user's manual provides important information on the use and operation of your ARMA 100. Please read all the information carefully prior to using the ARMA 100 for the best performance and to prevent any product damage or misuse. Read all safety precautions and warnings for safe use of the ARMA 100. The manual will guide you on safety, use, maintenance, and cleaning procedures.

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ARMA USA offers its products with the terms, conditions and notices as follows:

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This product is offered to you conditioned upon your acceptance without modification of the terms, conditions, and notices contained.
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This product has been designed for a variety of uses, but was neither designed nor manufactured as a product for lethal purposes. This product may not be used for unlawful purposes and that use is expressly prohibited under the terms and conditions of its use.
- Use limitation**

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- One Year Warranty**

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- Limitation of Liability**

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- Modification of Terms and Conditions**

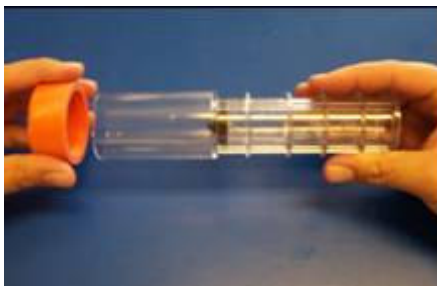
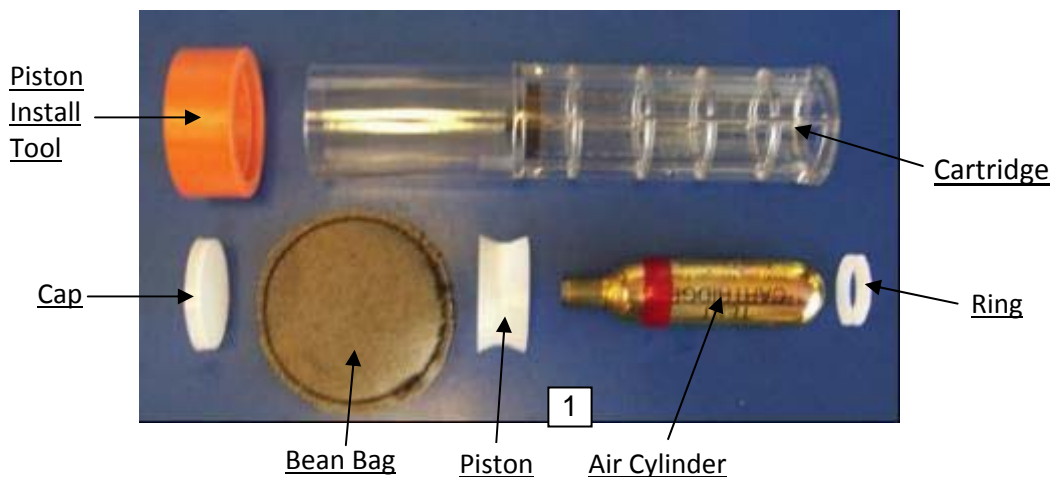
ARMA USA reserves the right to change the terms, conditions, and notices under which their products are offered.

Getting Started With The ARMA 100

NOTE: It is important that you read the Product Liability Disclaimer before going any further in this guide. Read and understand the terms of use.

Cartridge Assembly

The first step is to prepare the cartridges for use in the ARMA 100. Follow the step by step instructions below for assembly. Start by studying the names of the parts you will be using.



Step 1: Mount the piston install tool on the end of the cartridge.



Step 2: Install the piston by pushing it into install tool



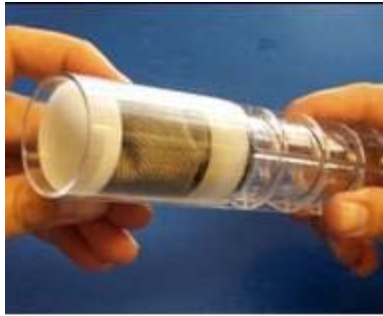
Step 3: Push piston past install tool into the cartridge. Remove tool and continue to push piston until it bottoms out in cartridge.



Step 4: Install bean bag.



Step 5: Install cap, lips of part facing out, by pushing it evenly into cartridge and packing bean bag snugly.



Step 6: Cap should look like this after assembly in cartridge. A new cap must be used each firing to ensure proper retention of payloads. If you do not use a new cap it may work loose with a bean bags weight, if this happens simply use some scotch tape to hold the end cap in place. Fit cap with lips facing out.



Step 7: Install air cylinder into the cartridge taking care not to drop them in as they could get punctured.



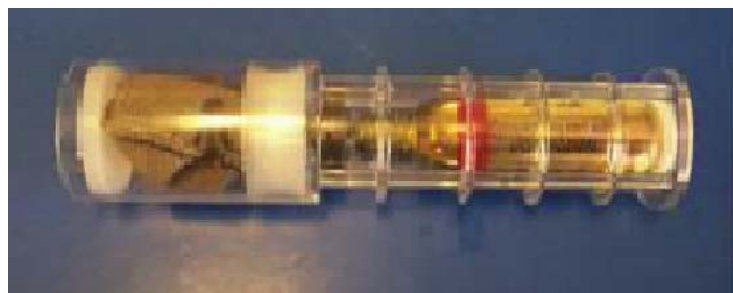
Step 8: Insert ring into end of cartridge. This is to retain air cylinders from falling out during loading and reloading. A new ring should be used every load to insure capturing and holding of air cylinders.



Step 9: This is how installed ring should look. Take care to install ring to take up all the space between pusher and cylinders, so there is no slop.

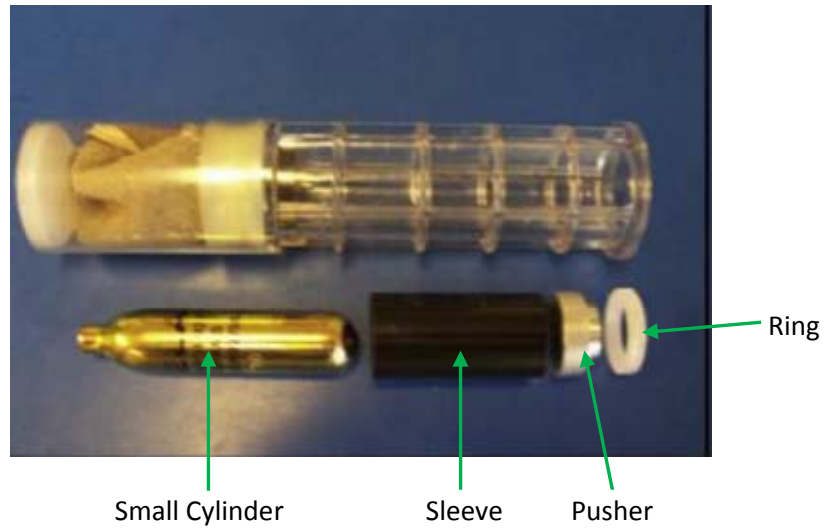
IMPORTANT: AT NO TIME HIT RING OR AIR CYLINDER, IT COULD GET PUNCTURED AND WILL SHOOT OUT OF CARTRIDGE!!!!

Note Avoid Dropping or Rapping Assembled Cartridge



Step 10: Assembled cartridge should look like this when assembled. Check that End Cap is installed properly for retention of Bean Bag.

Small Cylinder Adapter Kit



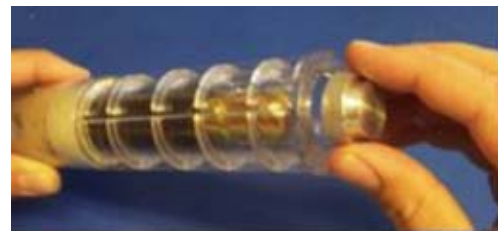
This adapter kit is used to fit 12, 14 and 15 gram cylinders into the cartridge. This allows the unit to be used effectively with nitrogen or CO2 cylinders.



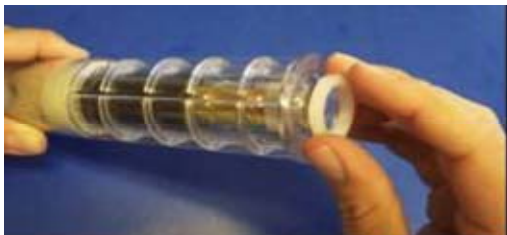
Step 1: Install Sleeve



Step 2: Install Air Cylinder



Step 3: Install Pusher



Step 4: Install Ring, This Retains The Air Cylinder and Pusher



Step 5: Cartridge Ready For Firing Should Look Like This

RMA 100 Loading And Firing

With the cartridges already prepared follow the steps below to use your ARMA 100.



Step 1 & 2: Hold the ARMA 100 as shown and lightly depress release button with your thumb then twist open the handle in a counterclockwise motion. **Step 3** Handle is open for insertion of Cartridge.



Slowly Insert prepared cartridge, **Step 4**. Make sure that it is installed until flush, **Step 5**. **Pointing the ARMA 100 down towards the ground** snap the handle quickly clockwise to close launcher. Make sure that it is in the closed position, **View 6**.



Set safety by turning thumb tab clockwise, **Step 7 & 8**. Hold on chest and pull thumb actuator back and twist clockwise into rear notch to set for firing, **Step 9**.



As an option place thumb actuator on fixed surface such as a table and push and twist into rear notch, **View 10 & 11**. To launch hold as in **View 12**. One hand belongs on the barrel and the other at rear of handle as shown. **Caution: There is to be nothing in the way of the stroke of the thumb actuator as it is released.** Release safety by twisting thumb tab counterclockwise, aim and release thumb actuator by pushing out from retaining notch to launch as shown in **View 12**.

The best position for firing is to hold the **ARMA 100** comfortably at waist level, aim and fire.

Cleaning and Maintenance

The **ARMA 100** can be used in almost any environment, whether it is dirty, wet or muddy. This is due to the simplicity of its design and materials used in its manufacturing; this carries over in what is required for its maintenance. Whenever it becomes to dirty to use or when you begin to have trouble with the cocking of the **ARMA 100** follow these simple steps.

Unscrew the handle from the barrel by twisting it counter clockwise until it is removed from the barrel breach assembly. Be careful to notice how the parts come apart. As you are twisting the handle you will have to depress the release button slightly to let the safety ring by it as you twist it off. Remove the thumb actuator by unscrewing it counter clockwise. Now the hammer in the handle and the firing spring will easily fall out of the handle. Be careful to notice the orientation of the long spring. One end has a smaller diameter. Wash all the parts in regular dish soap and warm water. Let the parts dry then assemble in the reverse order of how you disassembled it. Make sure that the large diameter opening end of the large spring is installed first into the handle. Next thing you need to do is get a **bar of soap**. Use this to rub the outside diameter of the spring and hammer. This is the **only lube** that is required for the working action of the ARMA 100 cocking mechanism.

NOTE: Do not use any oils, lubes or solvent based products of any kind as a cleaner or lube for the ARMA 100 . They will cause the cocking mechanism to become hard to operate or jam up. It also could attack the composites of the ARMA 100.

Specifications

Model	ARMA 100
Devise Type	37 mm Payload Delivery System PDS
Propellant	Single Use 23 Gram Nitrogen Cylinder. With Adapter Kit CO2 Cylinder For Practice
Action	Single
Barrel Length	10" (25.4 cm)
Overall Length	18 ¼" (45.625 cm)
Weight	1.5 lb (Unloaded)
Target Range	0 – 75' (0 – 22.86 m) Viable Range Depending On Application
Maximum Range	Up To 225' (68.58 m)
Velocity	135 fps Using Nitrogen Cylinder. 60 fps Using CO2 Practice Cylinder
Capacity/Payload	4-6 oz. Metal Shot Filled Bean Bag
Sight	Removable Sighting Ring
Safety Features	Safety Ring. Stiff Spring Mechanism Designed To Make Difficult For Child
Frame & Grip	Aircraft Composites
Finish	Graphite
Warranty	One Year Manufacturing Defect Warranty

The **ARMA 100** is the idea I first-response, less-lethal device for many situations. Highly effective, versatile, and economical, The **ARMA 100** provides an option for stopping or negotiating threats from a distance, without causing major injuries. Safer than electric shock devices, the design concept provides for a highly effective device, while reducing the negative impact on public safety. The **ARMA 100** uses nitrogen (CO2 for training purposes) to launch a Metal Shot Bean Bag. Simple and easy to use, the **ARMA 100** has no significant recoil or kick back. The **ARMA 100** is equipped with two safety features: A standard safety ring, as well as a cocking mechanism designed to make operation difficult for a child. The **ARMA 100** is the NEW DEFINITION in less-lethal weapons today.