

ARMA 100 USER GUIDE



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Contents

<i>Welcome</i>	<i>3</i>
<i>Important Information</i>	<i>3</i>
<i>Terms of use, Warranty and Liability Waiver</i>	<i>4</i>
<u><i>Getting Started with The ARMA 100</i></u>	
<i>Cartridge Assembly</i>	<i>5&6</i>
<i>Small Cylinder Adapter Kit</i>	<i>7</i>
<i>Loading And Firing</i>	<i>8</i>
<i>Cleaning and Maintenance</i>	<i>9</i>
<i>Specifications</i>	<i>10</i>

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
- Uses a Variety of Payloads
- Stops Threats from a Distance
- Highly Effective
- Economical

Important Information:

This user's guide 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 damage to or misuse that could cause damage to the unit. Read all safety precautions and warnings for safe use of the ARMA 100. Save this guide you will need it for the safety, operating, maintenance and cleaning procedures.

Product Liability Disclaimer

TERMS OF USE, WARRANTY & LIABILITY WAIVER

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

Terms of use

This product is offered to you conditioned upon your acceptance without modification of the terms, conditions, and notices contained.

Exclusive Obligation

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

You may not modify, copy, distribute, transmit, display, perform, reproduce, publish, license, create derivative works from, transfer, or sell, any information, software, products or services obtained, from the ARMA USA website or its products.

One Year Warranty

This product is warranted against any manufactured defect for a period of twelve months from date of purchase.

Limitation Of Liability

In no event shall ARMA USA be liable for any direct, indirect, punitive, incidental, special consequential damages whatsoever arising out of or connected with the use or misuse of its products.

Other Statements

ARMA USA employees or representatives, ORAL OR OTHER WRITTEN STATEMENTS, DO NOT CONSTITUTE WARRANTIES, shall not be relied upon by buyer, and is not part of the contract for sale or this limited warranty.

Entire Obligation

The TERM OF USE, WARRANTY AND DISCLAIMER document states the entire obligation of ARMA USA with respect to the products. If any part of this disclaimer is determined to be void, invalid, unenforceable or illegal, including, but not limited to the warranty disclaimers and liability disclaimers and liability limitations set forth above, then the invalid or unenforceable provision will be deemed superseded by a valid, enforceable provision that most closely matches the intent of the original provision and the remainder of the agreement shall remain in full force and effect.

General

This disclaimer statement is governed by the laws of the State of Nevada, USA. You hereby consent to the exclusive jurisdiction and venue of the Courts of competent jurisdiction, USA, in all disputes arising out of or relating to the use of this product. Use of this product is unauthorized in any jurisdiction that does not give effect to all provisions of these terms and conditions, including without limitation this paragraph.

Modification of Terms and Conditions

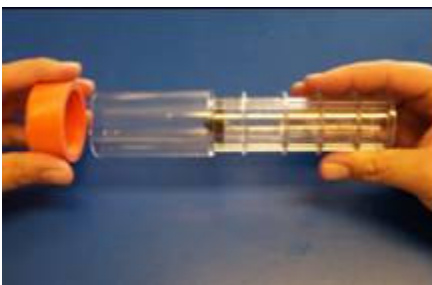
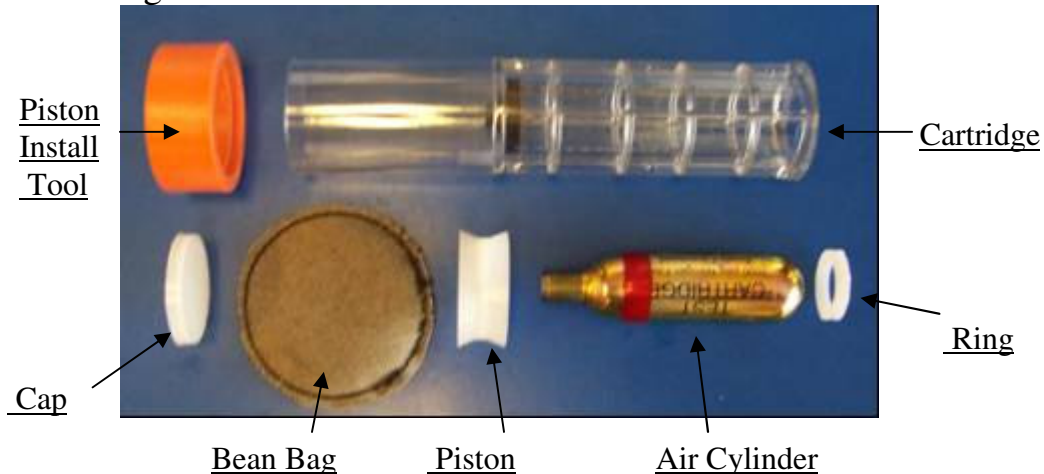
ARMA USA reserves the right to change the terms, conditions, and notices under which their products are offered.

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.



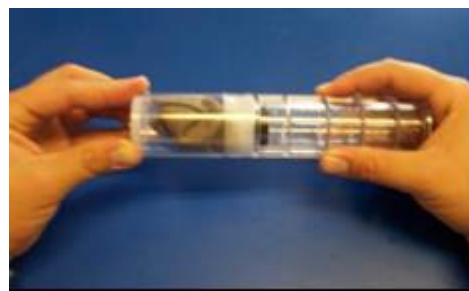
Step 2: Install the piston by pushing it into the install tool.



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, squash ball or up to nine paint ball markers. Wet squash ball to help install into cartridge.



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.
(For cap installation with paint marker balls, see final assembly below). 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. When using a pepper ball with bean bag drop in pepper ball first then install bean bag then cap. 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.

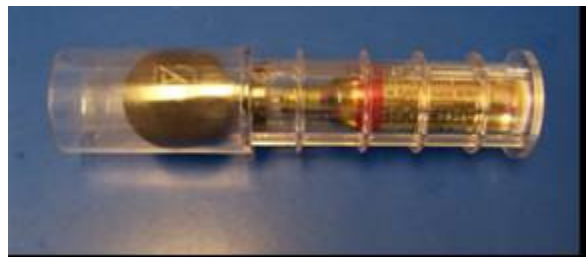
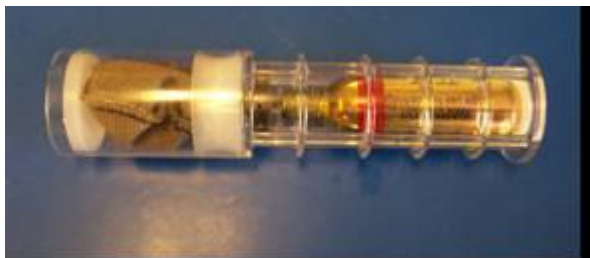


Step 8: Insert ring into end of cartridge. This is to retain air cylinders from falling out during loading and reloading. A new ring should be used every load to insure capturing and holding of air cylinders.

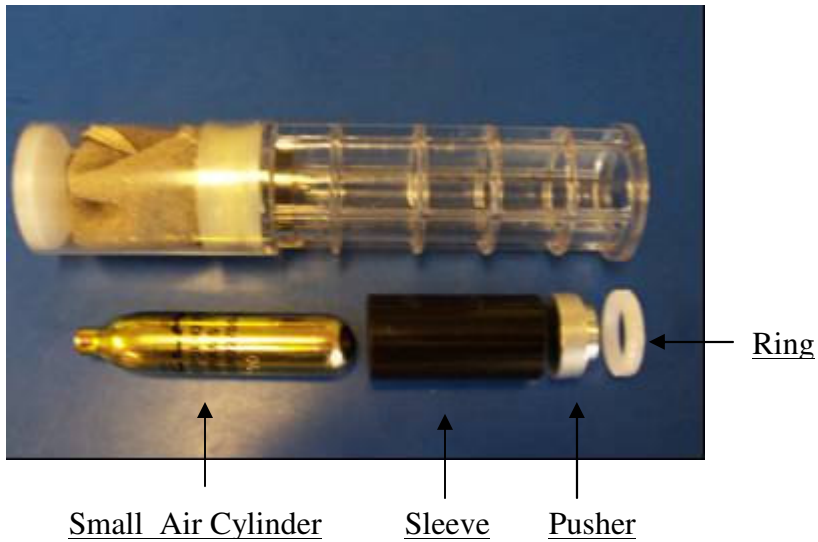


Step 9: This is how installed ring should look. Take care to install ring to take up all the space between pusher and cylinders, so there is no slop. **IMPORTANT: AT NO TIME HIT RING OR AIR CYLINDER, IT COULD GET PUNCTURED AND WILL SHOOT OUT OF CARTRIDGE!!!!**

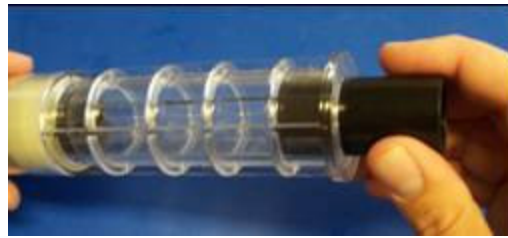
Note: Avoid dropping or rapping assembled cartridge



Step 10: Check that assembled cartridge looks like the two samples above. Second sample is of squash ball load. Check that the end cap is installed properly for retention of payloads.



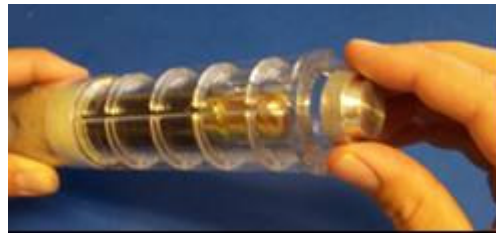
This adapter kit is used to fit 12, 14 and 15 gram cylinders into the cartridge. This allows the unit to be used effectively with nitrogen or CO2 cylinders.



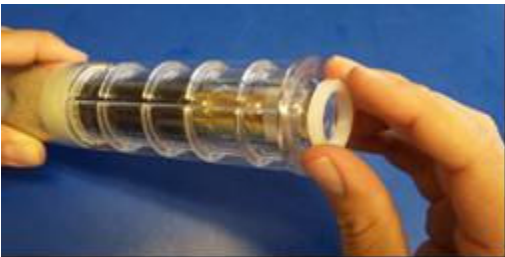
Step 1: Install Sleeve.



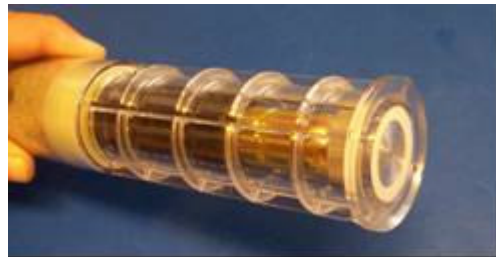
Step 2: Install air cylinder.



Step 3: Install pusher.



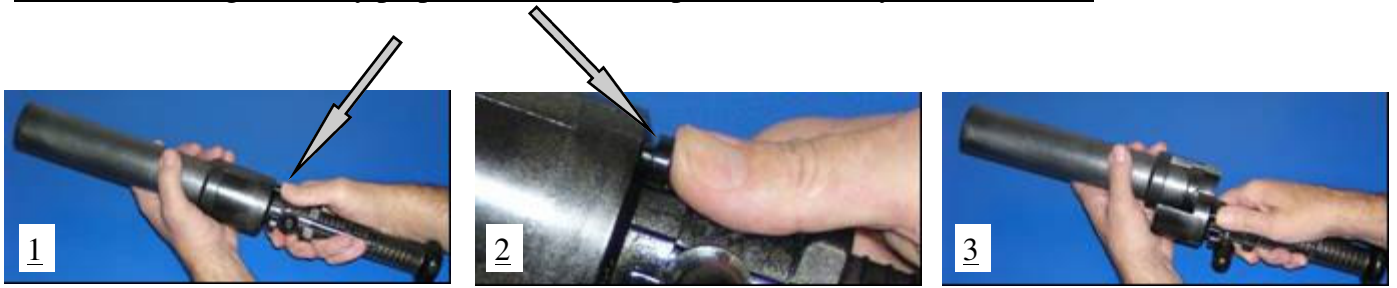
Step 4: Install ring. This retains the cylinder and pusher.



Step 5: Cartridge assembly ready for firing should look like this.

ARMA 100 Loading And Firing

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



View 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.



Insert prepared cartridge, diagram 4. Make sure that it is installed until flush, diagram 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, diagram 6.



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



Or place thumb actuator on fixed surface such as a table and push and twist into rear notch, diagram 10 & 11. To launch hold as in diagram 12. One hand belongs on the barrel and the other at rear of handle as shown. 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 diagram 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 it's design and materials it is manufactured with. This carries over in what is required for its maintenance. When ever 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.

ARMA USA



Specifications

Model	ARMA 100 (Law Enforcement) Model # A - 100
Device Type	37 mm Payload Delivery System (PDS)
Propellant	Single use 23 gram Nitrogen cylinders. With adapter kit use of 12, 14 and 15 gram cylinders. Nitrogen or CO ₂
Action	Single
Barrel Length	10"
Overall Length	18 ¼" (45.625 cm)
Weight	1.5 lbs., unloaded
Target Range	0–75' viable range, depending on application
Maximum Range	Up to 225', depending on application
Velocity	60 fps using CO ₂ ; 135 fps using nitrogen gas 3" diameter beanbag; 190 fps using nitrogen and squash ball
Capacity / Payload	4 oz.– 6 oz. 3" diameter beanbag; squash ball; up to nine marker balls/pepper gas balls; safety line
Sight	Removable sighting ring or laser light, red or green laser available
Safety Features	Safety device plus a stiff spring mechanism designed to make operation difficult for a child
Frame & Grip	Aircraft composites
Finish	Graphite
Warranty	One Year Manufacturing Defect Warranty

The ARMA 100 is the ideal 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 variety of payloads. Simple and easy to use, *The ARMA 100* has no significant recoil or kickback. *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.