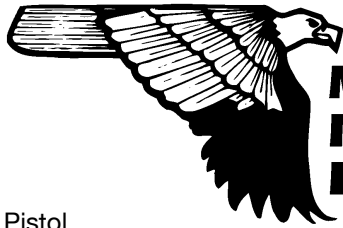


# Operation Manual Baby Desert Eagle CO2 Pistol



**Magnum  
Research,  
Inc.®**

CO2 Pistol  
Double Action  
Caliber .177 (4.5mm)  
Shoots steel BBs  
15 shot capacity  
Danger Distance  
300 yards (275 meters)



**⚠ WARNING:** THIS AIRGUN IS RECOMMENDED FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 300 YARDS (275 METERS).

THIS IS A HIGH POWERED AIRGUN FOR USE BY THOSE 16 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING USE AND OWNERSHIP OF AIRGUNS.

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**⚠ WARNING:** THIS GUN CAN CAUSE SERIOUS INJURY OR DEATH. READ AND FOLLOW THE INSTRUCTIONS CAREFULLY. DO NOT LOAD A BB INTO THE GUN UNTIL YOU ARE READY TO SHOOT. IF YOU DO LOAD A BB AND THEN DECIDE NOT TO SHOOT, REMOVE IT EITHER MANUALLY OR BY SHOOTING THE GUN AT A SAFE TARGET. AN UNLOADED GUN WHICH IS "ON SAFE" IS SAFEST. ACCIDENTS HAPPEN FAST, FATALLY WOUNDING SOMEONE IS A TERRIBLE THING. PLEASE SHOOT SAFELY.

Guns differ in their operation and you are never ready to fire any gun until you are thoroughly familiar with it. Read the following operating instructions thoroughly prior to operating.

These symbols, ⚠ ⚠, mark warnings and cautions in this operation manual. Carefully follow them for your own safety and the safety of others.



Fig. 1



## TROUBLE SHOOTING

	Safety is on	CO2 cylinder is empty	Barrel is dirty	CO2 cylinder defective	Extreme temperatures	Incorrect projectiles
Bad shooting efficiency	•	•	•	•	•	•
Pistol does not function	•	•	•	•	•	•
Low BB velocity	•	•	•	•	•	•

## 2 OPERATING INSTRUCTIONS

### STEP 1. PUT "ON SAFE"

**⚠ WARNING:** BE SURE THE GUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE GUN AT ANYONE EVEN IF IT IS UNLOADED. ALWAYS ASSUME AND HANDLE THE GUN AS IF IT WERE LOADED AND READY TO FIRE.

Push the safety button to the right toward the "SAFE" position – NO RED SHOWING (See Fig. 2a). When the safety is "ON SAFE" the trigger cannot be pulled to fire the gun.

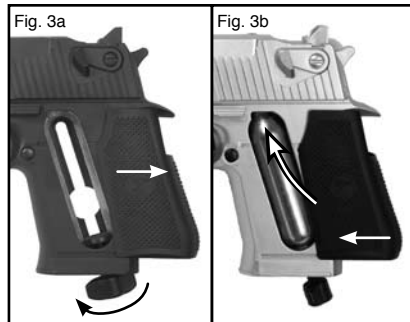
**NOTE:** The safety is manual and not automatic. It will only do its job when you do yours. Remember, the best safety is good gun handling.



### STEP 2. INSERT CO<sub>2</sub> CYLINDER

**⚠ WARNING:** USE ONLY 12g CO<sub>2</sub> CYLINDERS. ANY ATTEMPT TO USE OTHER TYPES OF GAS CYLINDERS COULD BE EXTREMELY DANGEROUS AND COULD RESULT IN SERIOUS INJURY OR DEATH. GASSES OTHER THAN CO<sub>2</sub> COULD RESULT IN AN EXPLOSION OR RUPTURE OF THE GUN.

- 2a. Push the grip cover back (See Fig. 3a).
- 2b. Turn the gas cylinder puncture screw counterclockwise until there is enough room to insert a CO<sub>2</sub> cylinder (See Fig. 3a).
- 2c. Insert the narrow end of the cylinder into the top portion of the grip. (See Fig. 3b).



- 2d. Slide the grip cover back on (See Fig. 3b).
- 2e. While holding the gun in an inverted position with the grip pointed up and the muzzle pointing away from you as shown (See Fig. 3c), turn the gas cylinder puncture screw clockwise to puncture the CO<sub>2</sub> cylinder. (See Fig. 3c). Con-

tinue turning the screw rapidly until finger tight.

**NOTE:** A slight seepage of CO<sub>2</sub> gas may occur until puncture screw is tight.

### STEP 3. LOAD BBs

Make sure the gun is pointed in a safe direction and that it is "ON SAFE" – NO RED SHOWING. Move the built-in magazine BB follower to the front of the gun and lock it at the side (See Fig. 4). Insert a maximum of 15 (fifteen) .177 caliber steel BBs individually into the loading port (See Fig. 4). After the magazine has been loaded with a maximum of 15 BBs, slowly release the BB follower and allow it to rest against the BBs.

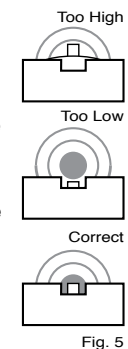
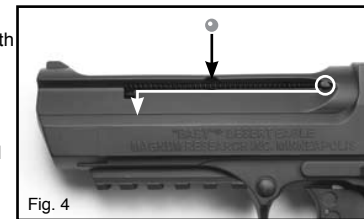
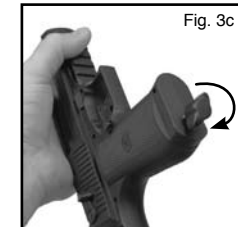
**⚠ WARNING:** ONCE THE BUILT-IN MAGAZINE IS LOADED WITH A BB IT IS CONSIDERED TO BE LOADED. USE EXTREME CAUTION WHEN HANDLING THE GUN. KEEP THE GUN POINTED IN A SAFE DIRECTION. NEVER POINT THE GUN AT ANYONE. ALWAYS TREAT THE GUN AS IF IT WERE LOADED AND READY TO FIRE.

**⚠ CAUTION:** Use only .177 caliber steel BBs. Do not attempt to reuse fired BBs or BBs which are deformed. Do not use lead pellets, buck shot, darts, ball bearings, or other foreign objects because they can cause injury to you or someone else or may damage and/or jam the gun. Use of anything other than .177 caliber steel BBs will void the warranty.

### STEP 4. AIM AT A SAFE TARGET

Line up the front sight in the middle of the rear sight. The CO<sub>2</sub> pistol is correctly aimed when the front sight blade is positioned exactly in the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bullseye should appear to rest on the top of the front sight (See Fig. 5).

**⚠ CAUTION:** Your backstop should be inspected for wear before and after each use. Discontinue use if the backstop surface shows signs of failure. Always place the backstop in a location that will be safe should the backstop fail. Discontinue the use of a backstop if the projectile rebounds or ricochets. NEVER AIM AT PEOPLE, PETS OR WATER.



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#### **STEP 5. PUT “OFF SAFE”**

When you are certain that the target, back-stop and surrounding area is safe, push the safety button to the “OFF SAFE” position — RED SHOWING (See Fig. 2b).

#### **STEP 6. FIRE**

Make sure the gun is pointed at a safe target. Pull the trigger. Once the last BB has been shot from the gun, it is still possible for the trigger to be pulled, but only CO2 will be discharged.

#### **STEP 7. PUT “ON SAFE”**

After firing, return the safety to the “ON SAFE” position — NO RED SHOWING (See Fig. 2a).

**! WARNING:** IF A BB DOES NOT FIRE AFTER COMPLETING THE OPERATION STEPS, DO NOT ASSUME THAT THE GUN IS UNLOADED. KEEP THE GUN POINTED IN A SAFE DIRECTION. MAKE THE FOLLOWING CHECKS IF A BB DOES NOT FIRE:

- 7a. Did the built-in magazine contain .177 caliber steel BBs? If not, fill the built-in magazine with BBs and repeat the operation steps
- 7b. Was the safety “OFF SAFE” — RED SHOWING, when the trigger was pulled? If not, repeat the operation steps.
- 7c. Was a CO2 cylinder installed? If not, put “ON SAFE” — NO RED SHOWING, and insert a new CO2 cylinder. Repeat the operation steps after the new cylinder is installed.
- 7d. Refer to the section on CO2 characteristics.
- 7e. If the pistol still does not fire, refer to warning below.

**! WARNING:** IF THE PISTOL STILL FAILS TO SHOOT A BB AFTER CHECKING THE FIVE ITEMS ABOVE, THERE IS A MALFUNCTION IN THE PISTOL. THIS COULD REPRESENT A DANGEROUS CONDITION. THERE COULD BE BBS IN THE PISTOL EVEN THOUGH A BB DID NOT SHOOT OUT. ALWAYS TREAT THE GUN AS IF IT WERE LOADED. AT NO TIME SHOULD YOU LOOK DOWN THE BARREL OF THE GUN. PUT “ON SAFE” — NO RED SHOWING, REMOVE THE CO2 CYLINDER (SEE REMOVING CO2 CYLINDER), AND SEND THE PISTOL DIRECTLY TO UMAREX USA. REFER TO SECTION ON WARRANTY AND REPAIR.

#### **REMOVING BBs**

Put “ON SAFE” — NO RED SHOWING (See Fig. 2a). Push the BB follower to the front of the gun and lock it in the notch (See Fig. 4). Invert the gun and let the BBs

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fall out of the built-in magazine through the loading port. Look inside the magazine slot on top of the gun. If a BB is visible, use a ballpoint pen, screw driver, etc. to gently push the BB to the loading port and out of the magazine.

**! CAUTION:** Do not assume that the gun is empty of BBs. Verify that all BBs are removed by examining the magazine slot. **Always treat the gun as if it were loaded and ready to fire.**

#### **REMOVING A CO2 CYLINDER**

Put “ON SAFE” — NO RED SHOWING (See Fig. 2a).

With the muzzle pointed in a safe direction and the grip cover still in place, slowly turn the puncture screw counterclockwise allowing any remaining gas to be discharged and continue turning screw until it stops. Slide back grip cover. Remove and properly dispose of CO2 cylinder.

**! CAUTION:** Never attempt to reuse a CO2 cylinder for any purpose.

#### **USE AND HANDLING OF CO2 CYLINDERS**

It is possible that certain conditions may affect a CO2 cylinder, which can impact its proper performance. These conditions include usage, maintenance and storage at temperatures that are higher or lower than normal outdoors temperatures (59°F/15°C to 69.8°F/21°C). Another condition may be when the gun is fired rapidly.

1. High temperatures can increase pressure in the CO2 cylinder and also within the gun, leading to higher than standard operating pressure. This excess pressure could cause the gun to malfunction or be permanently damaged. Maximum storage or operation temperature should never exceed 122°F (50°C). This temperature can be reached if you leave the gun under direct sunlight on a bright day. Thus, to ensure proper gun operation, do not expose it to high temperatures or direct sunlight for long periods of time. Otherwise, the CO2 cylinder could overheat and explode, which could damage the airgun and cause injuries or death to people nearby.
2. Fast consecutive shooting may produce a decrease of temperature in the gun, as well as the CO2 cylinder. This could result in lower projectile velocities and may even lower gas pressure enough so that the pistol will not fire. This condition can be especially apparent when shooting in cold weather and can be avoided by allowing more time between shots. This permits the gas to increase in temperature and pressure and produce normal velocities.
3. During rapid fire, the muzzle velocity of each shot will diminish. This can affect shooting accuracy and you will get fewer shots per CO2 cylinder.
4. Care should be exercised to ensure that the gun is not shot with a CO2 cylinder that is low in pressure. Here are some indicators of insufficient pressure:

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- 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 cylinder (that is, the shooting speed has dropped).

**⚠ WARNING:** A CO2 CYLINDER CONTAINS GAS UNDER PRESSURE, WHETHER OR NOT IT HAS BEEN INSERTED INTO A GUN. IF EXPOSED TO HIGH TEMPERATURES (SUCH AS INSIDE A CLOSED CAR AND/OR IN DIRECT SUNLIGHT) IT COULD EXPLODE. STORE ALL CYLINDERS IN A COOL PLACE.

### HOW TO MOUNT THE TOP ACCESSORY RAIL

To mount the accessory rail that came with your Baby Desert Eagle, first remove the short screw on top of the gun by turning it counterclockwise (See Fig. 6a). Next, slide the rail onto the pistol from the muzzle end (See Fig. 6b).

Lastly, use the long screw that comes with the rail to secure the accessory rail to the gun (See Fig. 6c).



### STORAGE

NEVER STORE A LOADED GUN.

Put “ON SAFE”—NO RED SHOWING. Remove any BBs from the pistol’s built-in magazine.

Remove CO2 cylinder. Keep pistol away from children and untrained shooters. Store BBs and CO2 cartridges separately from the pistol to keep them from untrained shooters. Protect your pistol from moisture and dirt; clean gun and wrap it in a smooth, dry cloth.

### MODIFICATION

**⚠ CAUTION:** The components of this gun were engineered and manufactured to deliver optimum performance. Any modification or tampering with a gun may cause a malfunction, void your warranty and may make it unsafe to use. Any change in performance (such as a lowered trigger pull force and shortened trigger travel) indicates possible modification, tampering and/or wear. Such gun should be inspected, replaced or properly repaired by only qualified Umarex USA personnel. Any gun that has been dropped should be checked by qualified personnel to ensure that its function has not been affected.

**⚠ WARNING:** A GUN THAT IS NOT OPERATING PROPERLY MAY BE DANGEROUS. IT SHOULD BE KEPT SAFELY FROM USE BY ANYONE UNTIL REPAIRED OR DESTROYED. DO NOT TRY TO TAKE THE GUN APART. IT IS DIFFICULT TO REASSEMBLE AND IMPROPER DISASSEMBLY OR REASSEMBLY CAN CAUSE SERIOUS INJURY OR DEATH.

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**⚠ WARNING:** NEVER CARRY YOUR AIR PISTOL WHILE LOADED. IT IS BEST TO LOAD THE AIR PISTOL ONLY BEFORE SHOOTING. UNDER NO CIRCUMSTANCES SHOULD YOUR AIR PISTOL BE CARRIED LOADED.

**⚠ CAUTION:** You and others with you should always wear shooting glasses during shooting activity.

### CARE AND MAINTENANCE

**⚠ CAUTION:** Before any care, cleaning or maintenance, always be sure your air pistol is “ON SAFE” and unloaded. It is important to maintain your airgun properly.

With care and periodic cleaning, your Baby Desert Eagle CO2 pistol will provide many years of shooting enjoyment. Abuse, neglect and continued exposure to the elements will impair the performance of any airgun. Clean the surface of your CO2 air pistol with a soft cloth and gun oil. To ensure continued proper function, apply 2 to 3 drops of RWS Spring Cylinder oil onto all moving parts such as the BB follower and gas cylinder puncture screw.

### WARRANTY & REPAIR

**LIMITED 90 DAY WARRANTY**—This product is warranted to the retail consumer for 90 days from date of purchase against defects in material and workmanship and is not transferable.

**WHAT IS COVERED**—Replacement parts and labor. Shipping charges back to consumer for repaired product. **WHAT IS NOT COVERED**—Shipping charges to Umarex USA for defective product and damages caused by abuse or failure to perform normal maintenance as well as any other expense. Consequential damages, or incidental expenses, including damage to property. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. **WARRANTY CLAIMS AND REPAIR FOR U.S.**

**AND CANADIAN CUSTOMERS ONLY**—Call Umarex USA and ask for the Service Department. If it is determined a return is necessary, you will be issued a Return Authorization Number. Write this number boldly on the box and return prepaid to the address below. Include your name, address, phone number and a copy of your original purchase receipt. **IMPLIED WARRANTIES**—Any implied warranties, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to 90 days from date of retail purchase. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you. To the extent any provision of this warranty is prohibited by federal, state, or municipal law which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

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P000515