

# DIANA®

**ACTION**

## *chaser*



*chaser rifle*



*chaser pistol*



**EN**

Instructions for Use

Version 06/2018

# INTRODUCTION



## DESCRIPTION



## SAFETY INSTRUCTIONS



## TECHNICAL DATA



## HANDLING & OPERATION



## CARE & MAINTENANCE

### **WARNING**

EYE PROTECTION IS REQUIRED! WEAR APPROPRIATE SAFETY GLASSES (SHOOTING GLASSES)!



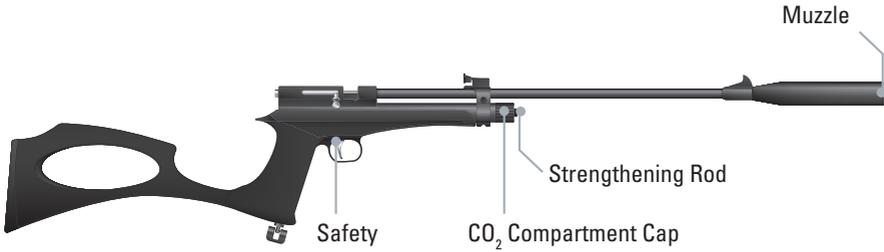
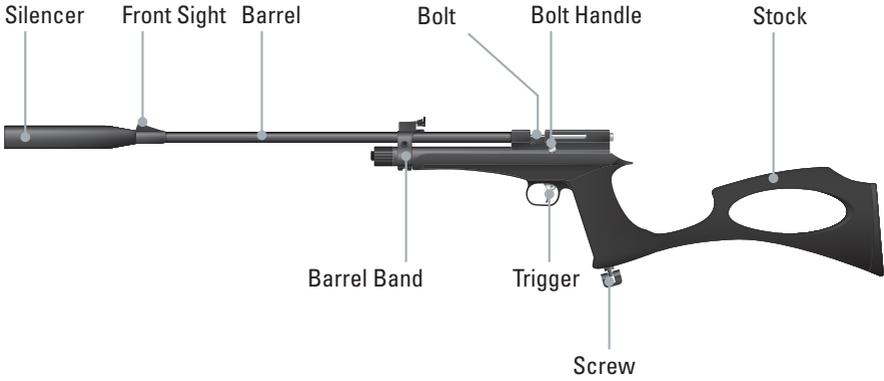
### **WARNING**

FAILURE TO FOLLOW THE INSTRUCTIONS AND RECOMMENDATIONS IN THIS MANUAL MAY RESULT IN SEVERE BODILY INJURY (INCLUDING FACE INJURY, EYE INJURY, EAR INJURY, BLINDNESS, DEAFNESS) AND EVEN DEATH.



# DESCRIPTION

EN





# SAFETY INSTRUCTIONS

## **WARNING**

NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE, ABUSE OR NEGLIGENT USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 620 YARDS (675 METERS).

This airgun is not a toy. Treat it with the same respect you would give a firearm subject to licensing. Always handle it as if it is loaded and ready to shoot. Always carefully follow the safety instructions found in this Manual and keep it in a safe place for future reference.

- The airgun described in this Manual is a high-powered gun recommended for use by those 18 years of age or older. Be sure to closely read all safety instructions and other information in this Manual before using the airgun. The purchaser and user of this airgun must conform to all national, regional and local laws and regulations governing the acquisition of ownership, possession and use of airguns.
- Do not brandish or display the airgun in public. This may confuse people and may be a crime. Police and others may think this airgun is a firearm subject to licensing.
- Do not change the coloration and markings to make the airgun look more like a full-fledged firearm. That is dangerous and may be a crime.
- Airguns differ in design, function and handling, so you are never ready to shoot a gun until you are thoroughly familiar with it. Therefore, please read this Manual carefully before using the airgun described in it.
- You and any others with or near you **MUST** always wear appropriate safety glasses (shooting glasses) to protect your eyes. If any of you wear vision correcting glasses, contact lenses, or sunglasses, these must be certified for impact resistance by the manufacturer; otherwise, always wear appropriate safety glasses (shooting glasses) over your vision correcting glasses, contact lenses, or sunglasses, as the case may be.
- Always aim in a **SAFE DIRECTION**. Always keep the muzzle of the airgun pointed in a **SAFE DIRECTION**.
- Always keep your finger off the trigger and out of the trigger guard until you are ready to shoot.
- Never point the airgun at anything you do not intend to shoot.
- Never point the airgun at people or animals.
- Always treat the airgun as though it is loaded and with the same respect you would give a firearm subject to licensing.
- Never look down the barrel of the airgun.
- Always keep the airgun uncocked and unloaded with Safety "ON" until you are ready to shoot.
- Always check to see if the airgun is uncocked and unloaded with safety "ON" when getting it from another person or from storage.

- Never leave a loaded airgun unattended.
- Use only the proper size and type of projectile as it is marked on the airgun.
- Never reuse ammunition.
- Do not shoot at hard surfaces or at the surface of water. The projectile may bounce off or ricochet and hit a person or an animal, or hit an object that you had not intended to hit.
- Do not shoot at fragile objects such as windows.
- Place the backstop in a location that will be safe should the backstop fail.
- Check the backstop for wear before and after each use. All backstops are subject to wear and will eventually fail. Replace the backstop if the surface is worn or damaged or if a ricochet occurs.
- Do not attempt to disassemble or tamper with the airgun. Unauthorized repairs or functional modifications may render it unsafe and will void your warranty. Repairs must only be made by qualified personnel.
- Before you store or transport the airgun, make sure it is unloaded and uncocked, with safety "ON".
- Always store the airgun in a secure location out of the reach of unauthorized persons and separate from ammunition.
- Only persons who are thoroughly familiar with the airgun's function and proper use and who are duly authorized by law may handle the airgun.
- Always wear appropriate safety glasses (shooting glasses) when shooting or performing maintenance on the airgun.
- Only shoot where permitted by law.
- Never use alcoholic beverages, drugs or other potentially mind and perception-altering substances before or during shooting sessions.
- Remember to perform inspection and maintenance of the airgun at regular intervals.
- If the airgun has been dropped, make sure that its function has not been affected.
- Lead pellets are toxic to humans and animals. Therefore, do not eat, drink or touch your own or someone else's mouth, eyes or nose when handling lead pellets. Do not inhale the dust of lead pellets and do not put them in your mouth. Be sure to wash your hands after handling lead pellets.



# TECHNICAL DATA

## TECHNICAL DATA

	chaser rifle		chaser pistol	
	cal 4.5 mm (.177)	cal 5.5 mm (.22)	cal 4.5 mm (.177)	cal 5.5 mm (.22)
System / Power Source	CO2			
Caliber	cal. 4.5 mm / .177 pellets	cal. 5.5 mm / .22 pellets	cal. 4.5 mm / .177 pellets	cal. 5.5 mm / .22 pellets
Magazine	9 pellets	7 pellets	9 pellets	7 pellets
Energy*	7,5 Joule	10 Joule	7 Joule	9 Joule
Velocity*	170 m/s • 560 fps	150 m/s • 500 fps	160 m/s • 525 fps	140 m/s • 460 fps
Sights	adjustable			
Safety	manual			
Weight	1,420 g • 3.1 lbs		870 g • 1.9 lbs	
Total Length	975 mm • 38.4"		340 mm • 13.4"	
Barrel Length	450 mm • 17.7"		210 mm • 8.3"	
Danger Distance	675 m (620 yds)			

\*Measured with different lead pellets.



### WARNING

NEVER EVER CARRY THE AIRGUN WHILE COCKED AND/ OR WHILE LOADED. IT IS BEST TO COCK THE AIRGUN ONLY IMMEDIATELY BEFORE SHOOTING.

## CO<sub>2</sub> MAINTENANCE CAPSULE



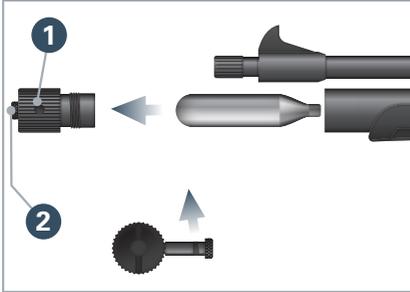
Clean your airgun at regular intervals (500 shots) using a CO<sub>2</sub> maintenance capsule. Remove all pellets from the airgun, insert the CO<sub>2</sub> maintenance capsule and close the CO<sub>2</sub> compartment. Hold the airgun as shown and fire at a safe target until the capsule is empty.



## HANDLING & OPERATION

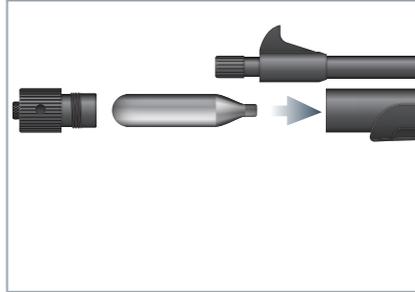
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### INSERTING A CO<sub>2</sub> CAPSULE



1. Open the CO<sub>2</sub> compartment as shown. If the CO<sub>2</sub> compartment cap 1 cannot be loosened by hand, use the screwed-in strengthening rod 2 to open the cap.

**Caution:** There may be a minor discharge of gas when you remove the gas capsules.



2. Insert a CO<sub>2</sub> capsule and close the CO<sub>2</sub> compartment with the CO<sub>2</sub> compartment cap. Tighten the cap quickly to avoid unnecessary gas loss.

### WARNING

ALWAYS AIM IN A SAFE DIRECTION.

### CAUTION

TIGHTEN THE CO<sub>2</sub> COMPARTMENT CAP COMPLETELY TO AVOID GAS LEAKAGE.

### CAUTION

- ONLY USE 12 G CO<sub>2</sub> CAPSULES.
- FOR STORAGE, REMOVE GAS CAPSULES.
- THERE MAY BE A MINOR DISCHARGE OF GAS WHEN YOU REMOVE THE GAS CAPSULES. MAKE SURE THAT YOUR HANDS DO NOT COME INTO CONTACT WITH DISCHARGED CO<sub>2</sub> GAS. THIS MAY CAUSE FREEZING OF THE SKIN.
- DO NOT EXPOSE THE CO<sub>2</sub> CAPSULES TO EXCESSIVE HEAT AND DO NOT STORE IT AT TEMPERATURES EXCEEDING 54°C.
- ALWAYS ADHERE TO THE WARNINGS AND SAFETY INSTRUCTIONS OF THE MANUFACTURER ON THE GAS CAPSULE IN RESPECT TO HANDLING AND STORAGE OF A CO<sub>2</sub> GAS CONTAINER.



# HANDLING & OPERATION

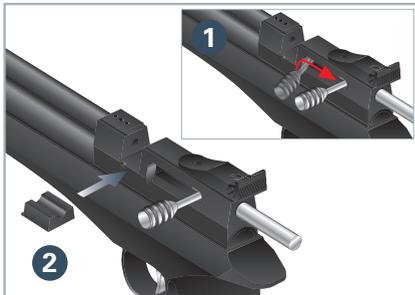
## WARNING

NEVER POINT THE AIRGUN AT ANYTHING YOU DO NOT INTEND TO SHOOT.  
NEVER POINT AN AIRGUN AT PEOPLE OR ANIMALS.

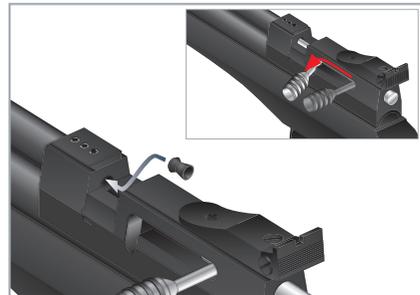
## SAFETY



## LOADING (SINGLE-SHOT)



**1.** Pull the bolt handle backward to its open position **1** until a click sound is heard. Now insert the loading base **2**.

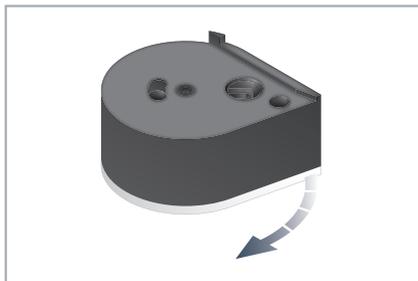


**2.** Insert a pellet (as shown) flush into the barrel and close and lock the bolt by pushing the bolt handle forward and down. **Do not** fill in more than 1 pellet.

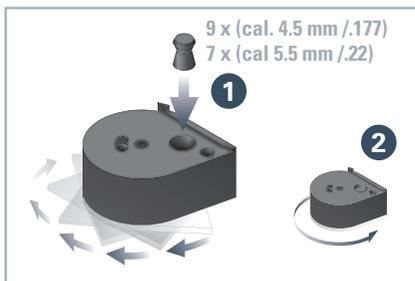


## HANDLING & OPERATION

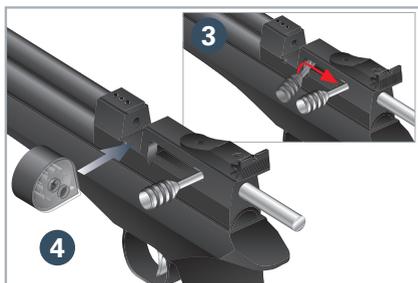
### LOADING THE MAGAZINE (MULTI-SHOT) OPTIONALLY AVAILABLE



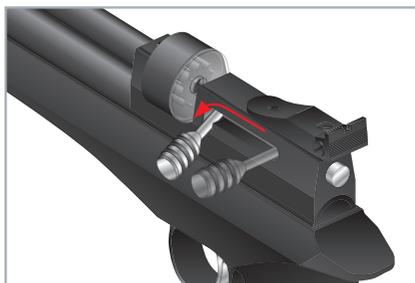
1. Hold the magazine (as shown) and rotate the transparent plate until the first pellet chamber becomes visible in the loading aperture.



2. Insert the pellet as shown into the magazine **1** and slightly turn the plate to the next pellet chamber. Repeat until all pellet chambers are filled, then turn the plate back to its original position **2**.



3. Pull the bolt handle backward to its open position **3** until a click sound is heard. Now insert the loaded magazine as shown **4**.



4. Close and lock the bolt by pushing the bolt handle forward and down.  
**Do not load more than 1 pellet into the barrel. Immediate shooting after cocking is recommended to prevent loading of 2 pellets into the barrel.**

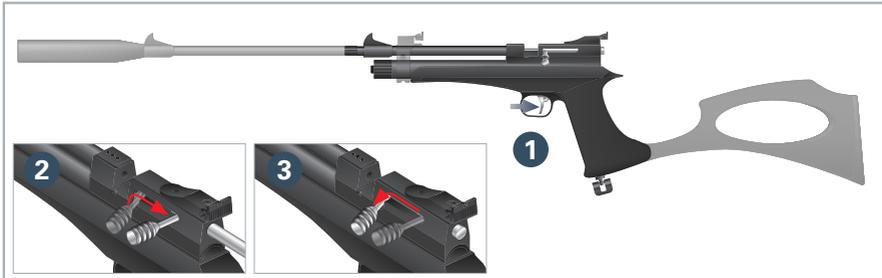
### CAUTION

ALWAYS STORE THE MAGAZINE UNLOADED (WITHOUT PELLETS) TO PREVENT WEAKENING OF THE MAGAZINE SPRING.



# HANDLING & OPERATION

## SHOOTING



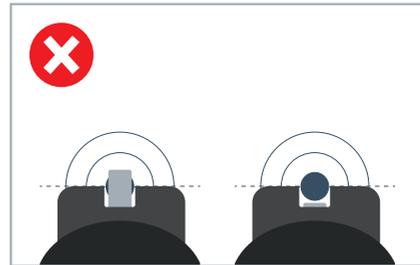
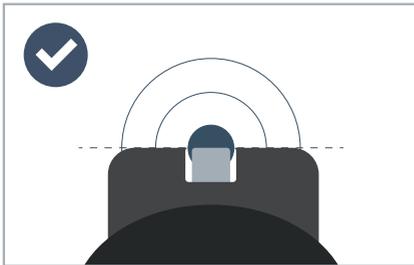
Put the safety "OFF".

To begin shooting, aim at a safe target and pull on the trigger **1**.

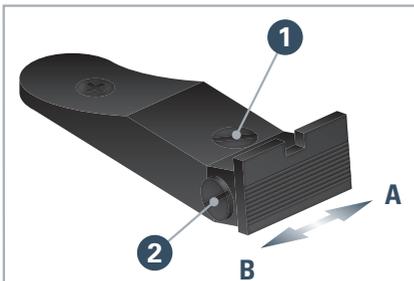
**Note:** Push the bolt handle a little harder if resistance is felt when closing the bolt back with the magazine.

For further shooting, load and cock the airgun again. Pull the bolt handle backward **2** until a click sound is heard and push it forward and down **3**. Make sure that only one pellet is loaded into the barrel.

## AIMING



## SIGHT ADJUSTMENT



**Elevation adjustment:** If the point of impact is too high: turn screw **1** clockwise. If the point of impact is too low: turn screw **1** counterclockwise.

**Windage adjustment:** Loosen screw **2**. If the point of impact is too far left: adjust rear sight to **A**. If the point of impact is too far right: adjust to **B**. Tighten screw **2**.



# HANDLING & OPERATION

## RIFLE – PISTOL CONVERSION APPLIES ONLY TO THE CHASER RIFLE MODEL



The CHASER RIFLE model can be modified into a CHASER PISTOL (and back again).

To do so, the stock and the barrel must each be replaced as appropriate.

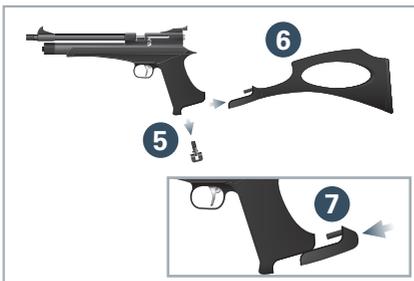
### **WARNING**

BE SURE TO UNLOAD AND UNCOCK THE AIRGUN BEFORE PROCEEDING TO ANY MODIFICATION!

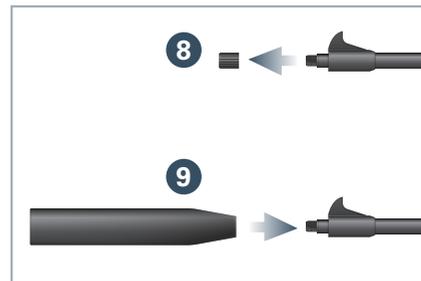


1. Using a hexagon (Allen) key, loosen the three barrel fastening screws **1**. Loosen the screw **2** of the barrel band **3** and remove the band. In the next step, pull out the barrel of the rifle (as shown in the figure)

and install the pistol barrel. Then re-tighten the barrel fastening screws completely. Finally, mount the rear sight **4** supplied with the airgun.



2. Detach the rifle's stock screw **5** and remove the stock **6** by pulling it backwards. Slide the pistol's grip cap **7** onto the grip and re-tighten the stock screw.



3. If you wish, you can swap\* the muzzle cap **8** for the silencer **9**.

\***Note:** Legislation in some countries may require the airgun to be designed in such way that the silencer cannot be detached.



## CARE & MAINTENANCE

### BARREL CLEANING

#### **WARNING**

IF A PELLET DOES NOT FIRE AFTER YOU HAVE COMPLETED THE OPERATION STEPS DESCRIBED IN THIS MANUAL, THE AIRGUN MAY BE JAMMED. AN UNFIRED PROJECTILE IN THE BARREL CAN PRESENT A DANGEROUS SITUATION. TO ELIMINATE THE JAMMING, KEEP THE MUZZLE OF THE AIRGUN POINTED IN A SAFE DIRECTION AND REPEAT THE OPERATION STEPS, HOWEVER WITHOUT LOADING ANOTHER PELLET. IF A PROJECTILE STILL DOES NOT FIRE, DO THE FOLLOWING:

1. ENGAGE THE SAFETY AND REMOVE THE MAGAZINE OR THE LOADING BASE.
2. CLEAR THE BARREL BY RUNNING A CLEANING ROD THROUGH IT FROM THE MUZZLE END.
3. REPEAT THE OPERATION STEPS.

#### **WARNING**

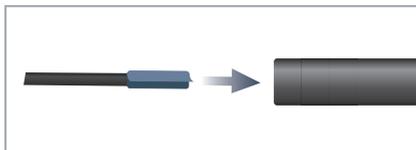
UNLOAD THE AIRGUN BEFORE CLEANING IT.

#### **CAUTION**

- DO NOT FORCE THE ROD INTO THE BARREL AS THIS COULD CAUSE DAMAGE.
- CLEAN THE METAL PARTS ON THE OUTSIDE OF THE AIRGUN USING A CLOTH WHICH HAS BEEN SLIGHTLY DAMPENED WITH SOME GUN OIL.
- NEVER ALLOW GUN OIL TO DRIP DIRECTLY INTO THE BARREL.



1. Engage the safety. Attach a piece of cotton fabric to the end of a cleaning rod.



2. Clean the barrel with some gun oil. Insert the rod as shown.

#### **CAUTION**

WARRANTY IS VOID IF THE AIRGUN IS DISMANTLED WITHOUT AUTHORIZATION. ALL REPAIRS MUST BE MADE BY AUTHORIZED PERSONNEL.

The information provided in this Manual is subject to change without notice. Please check our website [www.diana-airguns.de](http://www.diana-airguns.de) for the latest downloadable version of the Manual, and learn further interesting facts about DIANA and your model.