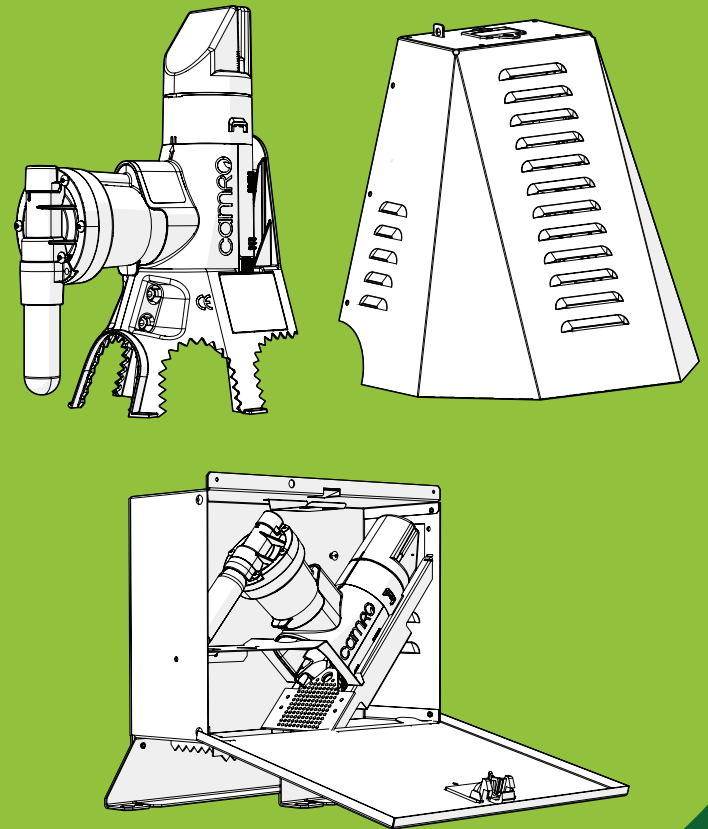


USER MANUAL

SafeTrap**Automatic**

STA H&G | STA SAFEBOX | STA SAFEBOX PUBLIC

EN
DE
FR
NL
ES
PT
IT
EL



camRO
SAFE PEST DEFENCE

www.camro.dk

Skrænten 11, DK-9610 Nørager

UK English - Original instructions | V1.0 | 12-2021
Version B

camRO
SAFE PEST DEFENCE

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User manual

Safe Trap Automatic

Preface

Original instructions

This manual has been translated into multiple languages. The original manual is written in UK English. All other language versions are translations of the original manual.

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Disclaimer of liability

CAMRO cannot be held responsible for personal injury, damage to the product or property damage caused by incorrect use, foreseeable misuse or failure to follow the instructions in this manual. This also applies to unauthorised modifications of the product and the use of non-approved spare parts, tools or accessories. CAMRO reserves the right to modify this manual without notification beforehand.

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About this document

This manual contains safety warnings that may result in injury when ignored. Each safety warning is indicated with a signal word. The signal word corresponds with the level of risk of the described hazardous situation, see Table 1.

Symbols and labels

Safety warnings

This manual contains safety warnings that may result in injury when ignored. Each safety warning is indicated with a signal word. The signal word corresponds with the level of risk of the described hazardous situation, see Table 1.

Table 1 : Used signal words for safety warnings

Signal word	Level of risk	Result when ignored
 WARNING	High	Could result in death or serious injury
	None	Indicates additional emphasis on the instruction, but is not related to safety

Safety warnings at the start of a section, apply to the entire section.

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1. Safety

1.1. Introduction

Observe the instructions in this manual before you start using the product. If you fail to follow the instructions from this manual you can put persons, surrounding and the product at risk. Store this manual in an accessible place near the product for future reference.

An online version of this manual can be accessed by scanning the QR-code on the side of the safety shield.

Always comply with the information, such as labels and the nameplate, attached directly to the product and keep the information in a legible condition.

Always comply with any applicable laws and regulations that have not been accounted for in this manual.

1.2. Intended Use

The CAMRO STA is designed for non-toxic pest control. The pests are killed by means of a powered by a 16g / 25g CO₂ cartridge. Dead rodents will be scavenged by nature or removed by hand. Other uses are considered improper use and carry serious risk of accidents. This product is for indoor and outdoor use.

1.3. Reasonably foreseeable misuse

The following is considered foreseeable misuse:

- Use in an environment that varies from or exceeds the given environmental conditions;
- Failure to comply with the instructions in this manual;
- Failure to eliminate faults, malfunctions or defects of the product that impose safety risks;
- Failure to carry out the inspections and maintenance operations as described in this manual;
- Unauthorised removal or modification of parts or safety devices of the machine;
- Use of spare parts or accessories that have not been approved by the manufacturer.

1.4. Qualification of user

Users of the product must comply with the following requirements:

- Are at least 18 years of age;
- are familiar with and abide by the safety instructions and sections of this manual related to using the product;
- are familiar with and abide by the applicable local, national and international laws and regulations.

1.5. Safety components

The product is equipped with the following safety components that ensure safe use:

STA H&G	STA PCO	Or
Safety shield	Safebox	Safebox Public

1.6. Personal protective equipment (PPE)

- Protective gloves

1.7. Safety precautions

- ▲ **Ensure you have fully read and understood the instructions in this document before you install or use the product. Keep this document for future reference.**
- ▲ **Only use the product as described in this document.**
- ▲ **Do not use the product if a part is damaged or defective. Replace a damaged or defective product immediately.**

User qualification

- The product may only be installed and serviced by persons over 18 years of age.
- This product is not intended for use by persons under the age of 18 or persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the product by a person responsible for their safety.
- Never install or service the product if you are ill, tired or under the influence of alcohol or drugs.

▲ Risk of electric shock

- The use of accessories not recommended by the product manufacturer may result in electric shock or injury.

▲ Risk of injury

- Always wear gloves or use a tool when activating the trap manually to prevent from injury by the piston.
- Always use a tool when triggering the trap from above.
- Always use gloves when handling the CO₂ cartridge.
- Always use the original CAMRO CO₂ cartridges for the product.
- Do not use the product without the safety shield.
- Only use the product when mounted to a wall with the included screws and plugs.

▲ Risk of damage to the product.

- Do not drop the product and avoid bumping.
- Do not immerse the product in water.
- Do not trigger the sensor intentionally other than described in this document.
- Do not use petroleum-based lubricants.
- Do not use aggressive chemical cleaning agents such as ammonia, acid or acetone when cleaning the product.

▲ Risk of battery leaking

- Do not dismantle, open or shred cells or batteries.
- Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.
- Do not short-circuit a cell or a battery. Do not store cells or batteries haphazardly in a box or drawer where they may short-circuit each other or be short-circuited by other metal objects.
- Do not subject cells or batteries to mechanical shock.
- In the event of a cell leaking, do not allow the liquid to come in contact with the skin or eyes. If contact has been made, wash the affected area with copious amounts of water and seek medical advice.
- Do not mix cells of different manufacture, capacity, size or type within the product.
- Do not remove a cell or battery from the original packaging until required for use.
- Do not use any cell or battery that is not designed for use with the product.
- Only use the battery type(s) recommended in this document.
- Keep cells and batteries clean and dry.
- Wipe the cell or battery terminals with a clean dry cloth if they become dirty.
- Battery usage by children should be supervised.
- Retain the original product literature for future reference.
- Observe the plus (+) and minus (–) marks on the cell and product and ensure correct use.
- Dispose of the cell or battery properly.
- Seek medical advice immediately if a cell or battery has been swallowed.

1.8. Labels

The warning labels and information signs on the product must be followed. The warning labels and information signs must be kept legible and must be replaced if necessary. For this purpose, contact the manufacturer.



Recycle code 40. This product is recyclable.



Warning: Compressed gases Contains non-toxic non-flammable gasses under pressure.



Warning: Contains refrigerated gas. May cause cryogenic burns or injury



Observe the instructions in this manual before you start using the product. If you fail to follow the instructions from this manual you can put persons, surrounding and the product at risk. Store this manual in an accessible place near the product for future reference.



No access to the product for unauthorised persons.



Warning: Keep hands clear of moving parts. Avoid contact with any automatically moving parts of the product. This causes serious injury.

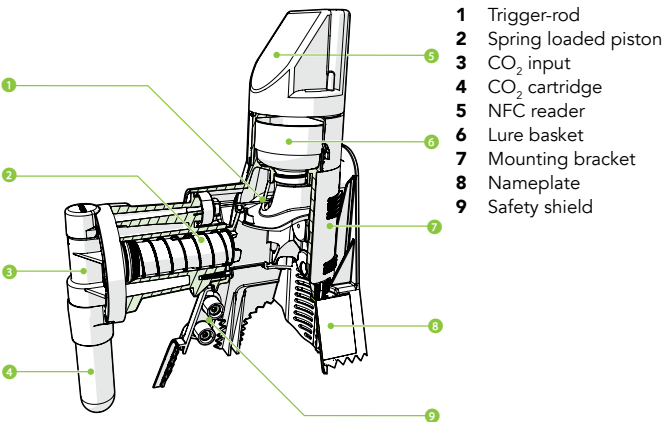
2. Description of the product

2.1. Design and function

This product is designed as a non-toxic pest control. The rodents are attracted to the scent of the chosen bait. When a rodent enters the trap looking for the bait, it activates the trigger-rod that fires the piston which instantly kills the rodent.

The piston is powered by a 16g/25g CO₂ cartridge depending on model.

2.2. Product overview



3. Technical data

Design			
Type/model	STA H&G	STA Safebox	STA Safebox Public
Year of production	2020		
Dimensions	19 x 7,5 x 20 cm (19 x 15 x 28,5 cm with Safety Shield)		
Dimensions Safebox		30 x 13 x 36,5 cm	50,5 x 24,5 x 25,5 cm
Weight	550 gr	3100 gr	3350 gr
Force	5G		
Speed	<9 milliseconds		
CO ₂ cartridge	16 gr / 21ml	16 gr / 21 ml or 25 gr / 33,5 ml	
Operating temperature	-20 °C to 49 °C		
Design life	5 years		

Environmental/ambient conditions	
Ambient temperature (min, max)	-20 °C to 49 °C
Relative humidity	20 – 95 %

Communication/connection	
Digital input/output	CAMRO SafeTrapAutomatic
Interfaces	CAMRO SafeTrapAutomatic

Compliance	
According to	2006/42/EF DS/EN ISO 12100:2011 General principles for design – risk assessment and risk reduction DS/ISO 14121-2:2012 Safety of machinery - Risk assessment - Part 2: Practical guidance and examples of methods

3.1. Nameplate

The product is marked in accordance with the applicable legislation requirements. The nameplate is located on the sides of the product.



The nameplate contains the following information:

- 1** QR-code
- 2** Contact information
- 3** Product information
- 4** Year of production

Manufacturer: CAMRO A/S
Address: Skrånten 11, 9610 Nørager, Denmark
Phone: +45 60 12 11 44
E-mail: info@camro.dk
Web: camro.dk
Product: STA – 25/40
Production year: 2021

CE mark

- 1** QR-code
- 2** Contact information
- 3** Product information
- 4** Year of production

4. Transport and storage

4.1. Preparation

▲ Always wear gloves when disassembling the product.

1. Remove the CO₂ cartridge from the trap unit.
2. Remove the NFC reader from the trap unit.
3. Remove the lure basket from the trap unit.
4. Trigger the trap unit with a tool or key until the pin does not respond anymore.

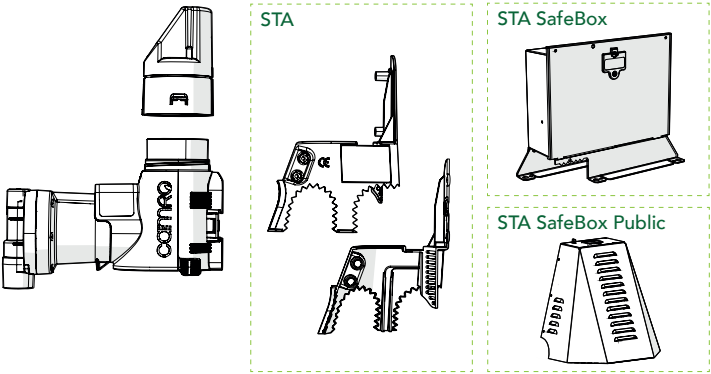
4.2. Storage

- Clean the product according to chapter 7.2.
- Store in a clean and dry place.

5. Installation

5.1. Check the contents

Check if all parts are present using the overview below. Make sure no damage is visible on the parts of the product. If parts are missing or damaged contact CAMRO (<http://www.camro.dk>)

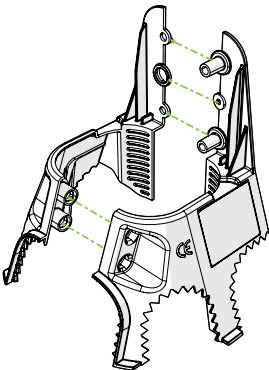


5.2. Installation

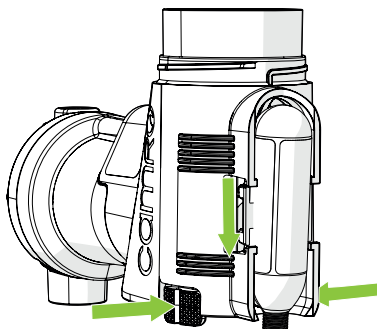
- i** Use gloves to prevent human odour traces to the product.

STA H&G	STA Safebox	STA Safebox Public
Go to chapter 5.2.1. Installing the STA H&G	Go to chapter 5.2.2. Installing the STA PCO - Safebox	Go to chapter 5.2.3. Installing the STA PCO – Safebox Public

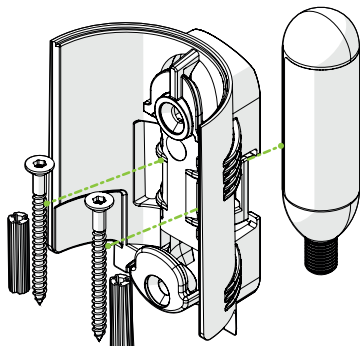
5.2.1. Installing the STA H&G



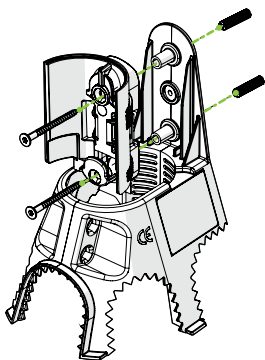
- 1** Assemble the safety shield.



- 2** Remove the mounting bracket from the trap unit:
 - a) Press and hold the two disassembly buttons on the side of the trap unit simultaneously
 - b) Slide the bracket off the trap unit.



- 3** Remove the mounting screws, rawl plugs and CO₂ cartridge from the mounting bracket and put aside.

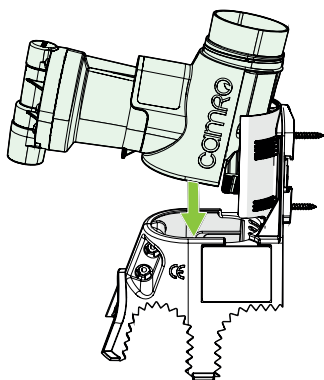


For mounting to a concrete wall:

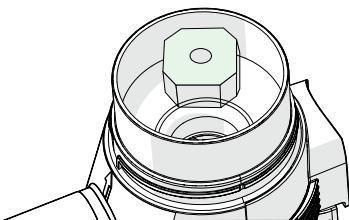
- a) Drill two 6 mm holes according to the holes in the safety shield.
- b) Insert the rawl plugs in the drilled holes.
- c) Screw the mounting bracket with the safety shield to the plugs in the wall.

For mounting to a wooden wall:

- a) Screw the mounting bracket with the safety shield to the wall.

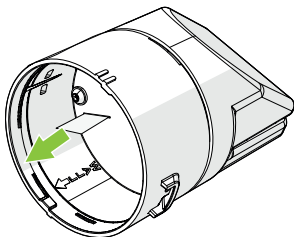


- 4** Push the trap unit onto the safety shield while angling it slightly upwards until it snaps into place

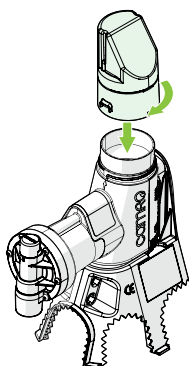


- 5** Put the bait in the lure basket.

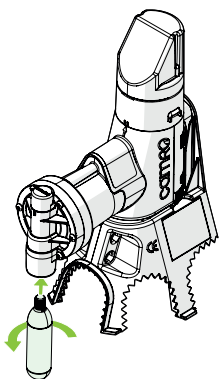
i Use bait as described in chapter 7.3.



- 6** Pull the plastic tab out of the NFC reader.



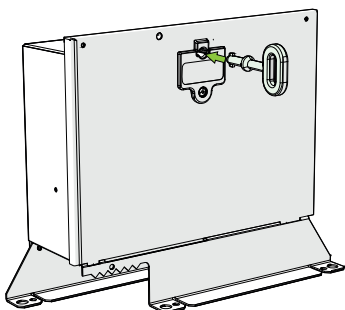
- 7** Put the NFC reader on top of the trap unit.
8 Turn it clockwise to fasten tightly.



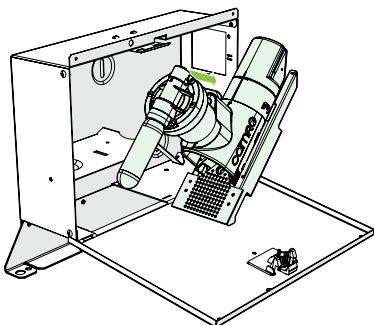
- 9** Put the CO₂ cartridge in the cartridge holder.
10 Turn it counterclockwise to fasten tightly and puncture the seal.

▲ The trap is now active

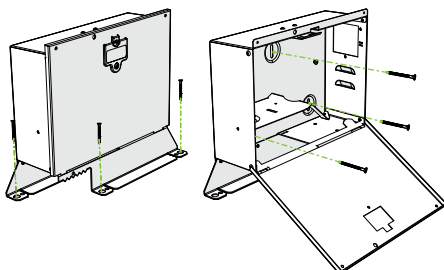
5.2.2. Installing the STA PCO - Safebox



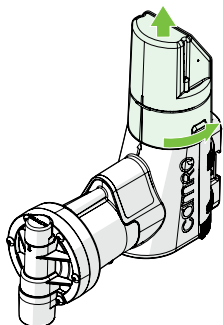
- 11** Open the Safebox door with the provided key.



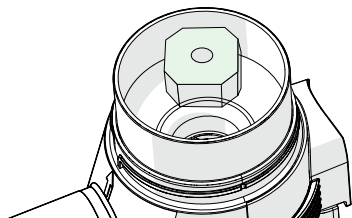
- 12** Cut the zip tie and remove the trap unit from the Safebox.



- 13** Place the Safebox on the floor. Mount it to the wall or floor.

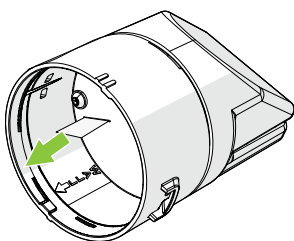


- 14** Remove the NFC reader from the trap unit by twisting it counterclockwise.

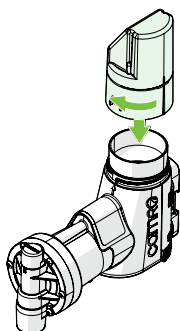


- 15** Put the bait in the lure basket.

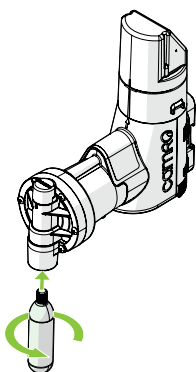
i Use bait as described in chapter 7.3.



- 16** Pull the plastic tab out of the NFC reader.

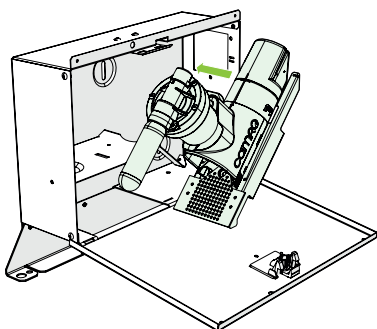


- 17** Put the NFC reader on top of the trap unit.
18 Turn it clockwise to fasten tightly.



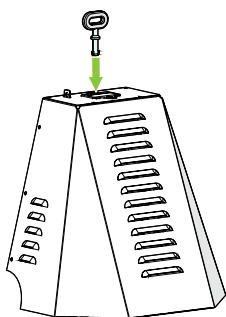
- 19** Put the CO₂ cartridge in the cartridge holder.
20 Turn it counterclockwise to fasten tightly and puncture the seal.

▲ The trap is now active

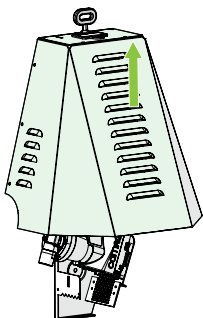


- 21** Mount the fully installed trap unit back into the safe box.
22 Close the Safebox door.

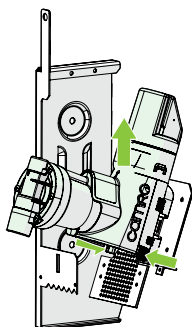
5.2.3. Installing the STA PCO – Safebox Public



23 Unlock the cover with the provided key.

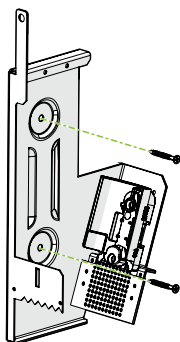


24 Lift the cover of the bracket.

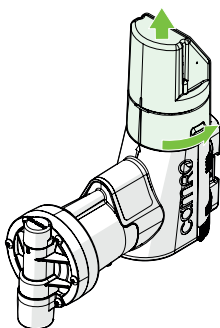


25 Remove the mounting bracket from the trap unit:

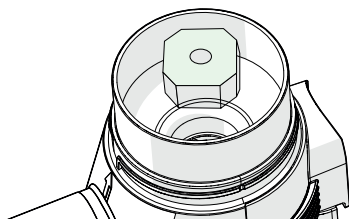
- a) Press and hold the two disassembly buttons on the side of the trap unit simultaneously
- b) Slide the trap unit from the mounting bracket.



26 Place the bracket with the bottom edge reaching the floor. Mount it to the wall.

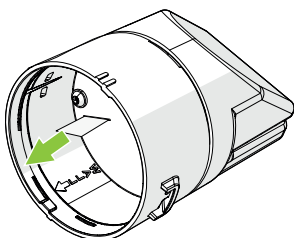


- 27** Remove the NFC reader from the trap unit by twisting it counterclockwise.

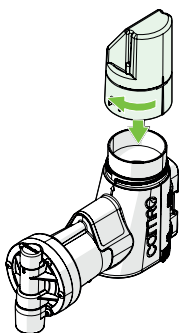


- 28** Put the bait in the lure basket.

i Use bait as described in chapter 7.3.

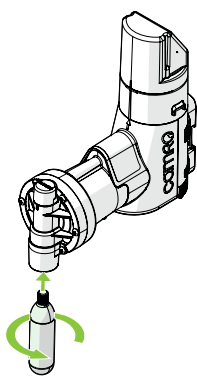


- 29** Pull the plastic tab out of the NFC reader.



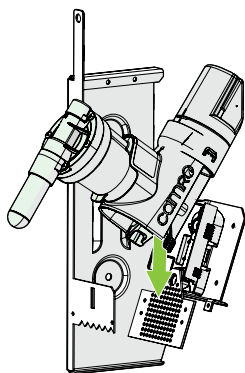
- 30** Put the NFC reader on top of the trap unit.

- 31** Turn it clockwise to fasten tightly.

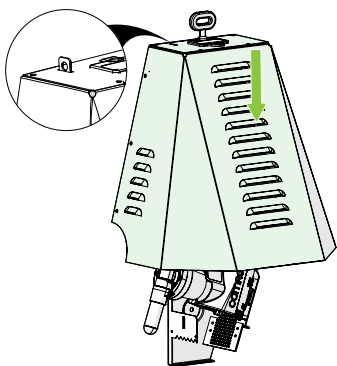


- 32** Put the CO₂ cartridge in the cartridge holder.

- 33** Turn it counterclockwise to fasten tightly and puncture the seal.



- 34** Push the fully installed trap unit back onto the mounting bracket while angling it slightly upwards until it snaps into place.



- 35** Slide the Safebox cover over the bracket, until it clicks in place.

6. Troubleshooting

Problem	Possible solution
An animal or object got stuck in the product.	1 Remove the CO₂ cartridge. 2 Remove the NFC reader and lure basket 3 Activate the trap from above with a suitable tool until the trap no longer responds (approx. 2 times). 4 Remove the trap from the mount and remove the object stuck in the trap. 5 When all objects are removed, mount and activate the product as described in 5.2.
The product does not respond when triggered.	The CO ₂ cartridge is empty. Replace it immediately.
The app does not respond to the NFC reader.	• Remove the plastic tab as described in chapter 5. • The button cell battery is empty. Replace it as described in chapter 7.3. • Make sure to match the (+) and (-) polarity markings.

7. Maintenance

- i** It is recommended to use gloves so as not to leave odour traces.
- i** It is recommended to wear a face mask when cleaning the product. Accumulated germs and dust will be exposed to the air.
- i** A 16g cartridge contains CO₂ for approximately 25 shots. Check your Smartphone App to see how many shots are left.
- i** Check every 2-3 weeks make sure the bait is not mouldy or stale. Replace the bait when needed.

7.1. Maintenance schedule

- Check every 2-3 weeks make sure the bait is not mouldy or stale. Replace the bait when needed.
- Clean the product when needed.
- Check every 6 months whether the product is still securely mounted.

7.2. Maintenance procedure

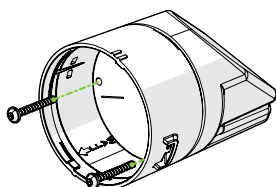
- ▲ **Do not use petroleum-based lubricants.**
 - ▲ **Do not use aggressive chemical cleaning agents such as ammonia, acid or acetone when cleaning the product.**
 - ▲ **Do not immerse the product in water.**
1. Remove the CO₂ cartridge from the trap unit.
 2. Remove the lure basket from the trap unit.
 3. Trigger the trap unit with a tool or key until the pin does not respond anymore.
 4. Clean the loose parts with a damp cloth and mild soap.
 5. Dry the loose parts thoroughly before reassembling.

7.3. (Re)placement

7.3.1. Battery replacement of the NFC reader

When the battery of the NFC reader is empty, replace it with a new button cell (CR2477).

1. Remove the NFC reader from the trap unit.
 2. Unscrew the two screws from the base of the NFC reader. Put the two screws aside.
 3. Carefully pull the NFC top cover from the NFC base.
 4. Replace the button cell battery
- ❗ Observe the plus (+) and minus (-) marks on the cell and product and ensure correct use.
 - ❗ Do not use any cell or battery that is not designed for use with the product.
 - ❗ Dispose of the cell or battery properly.
5. Align the line of the NFC top cover with the line of the NFC base.
 6. Carefully press the NFC top cover to the NFC base
 7. Use the two screws to reassemble the NFC reader
 8. Mount the NFC reader to the trap unit.

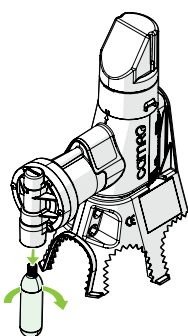


7.3.2. Bait replacement

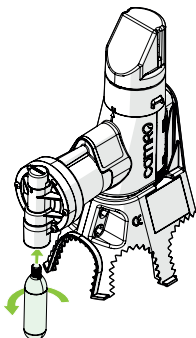
To attract rodents to the product you need to use bait they are familiar with and strong smell to it.

Use only solid types of bait. See <https://www.camro.dk/> for a wide selection of non-toxic baits.

7.3.3. CO₂ cartridge replacement



- 1 Loosen the cartridge a quarter turn clockwise to let the pressure escape.
- 2 Turn the cartridge clockwise.
- 3 Pull the cartridge from the trap unit.



Screw the CO₂ cartridge quickly and firmly into the trap.

- i** Make sure you follow the steps above quickly to prevent CO₂ leakage

- i** Wear gloves when handling CO₂ cartridges to prevent from burning due to leaking CO₂ and to prevent human odour traces to the product.
- i** Only use the original 16 / 25 gr CAMRO cartridges in the product otherwise warranty is void.

8. Service

8.1. Spare parts

For spare parts or replacements please check our website: <https://camro.dk>

8.2. Putting out of service.

1. Loosen the cartridge a quarter turn clockwise to let the pressure escape.
2. Turn the cartridge clockwise.
3. Pull the cartridge from the trap unit.
4. Remove the NFC reader from the trap unit.
5. Twist the lure basket from the trap unit.
6. Trigger the trap unit from above with a tool or key until the pin does not respond anymore.
7. Slide the trap unit upwards to remove it from the mounting bracket.
8. Remove the safety shield from the trap unit.
9. Unscrew the screws to remove the mounting bracket from the wall.
10. Put the screws back into the wall mounting bracket.
11. Slide the wall mounting bracket on the trap unit to reassemble.

9. Disposal

The product must be disposed of in accordance with the regulations in force in the country in question at any given time. All larger plastic parts are marked with recycling marks for correct sorting.

10. Declaration of Conformity



EU-Overensstemmelseserklæring

Fabrikant:

Camro A/S
Skovrøden 11
DK-9610 Nørager, Denmark
Tlf.: +45 23 46 50 44

Erklærer hermed, at følgende udstyr:

Betegnelse: STA-25 HSG

Er i overensstemmelse med følgende direktiver:

- Maskindirektivet 2006/42/EF af 17. maj 2006

Er i overensstemmelse med følgende harmoniserede standarder:

- DS/EN ISO 12100:2011 - Generelle principper for konstruktion - Risikovurdering og risikoredskættelse
- DS/ISO 14121-2:2012 - Maskinsikkerhed - Risikovurdering - Del 2: Praktisk vejledning og metodeeksempler

Ovenfor nævnte standarder er kun anvendt i det omfang, det er relevant i forbindelse med fødens anvendelse.

7/3-2020

Date

Adm. Direktør
Kurt Sørensen

Underskrift