



FX[®] 9003 Protective Mask User Instruction Guide

Product No.: 8971960 (Black) and 8971962 (Desert Tan)

The **FX[®] 9003 Protective Mask** offers the following advantages:

- Increased breathability;
- Peripheral vision and air flow;
- Better hearing and voice transmission;
- Easy to use;
- Can be fitted independently with most military helmets.

This **FX[®] 9003 Protective Mask** comes with a modular protective hard top cover for the users that have no service helmets.

The **FX[®] 9003 Protective Mask** is compatible with most personal prescription corrective eye wear and also provides accommodation of the ESS (see figure 1) and Revision Rx (see figure 2) corrective vision inserts (not included with mask).

The **FX[®] 9003 Protective Mask** provides proper cheek weld for target acquisition and is compatible with most night vision goggles (NVG) and users helmets mounts (see figure 3).



Fig. 1 - FX[®] 9003 Protective Mask with ESS lens insert

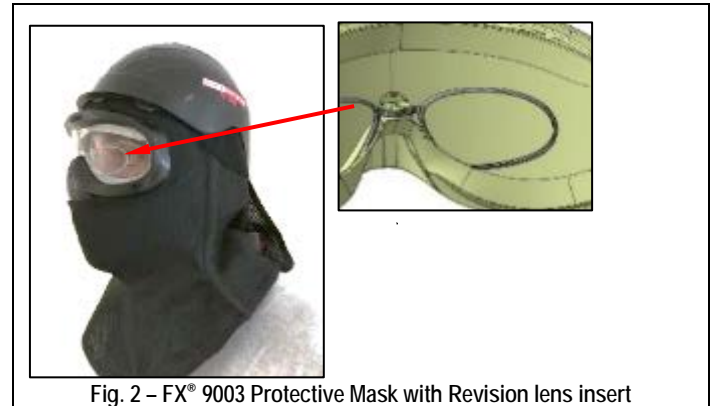


Fig. 2 - FX[®] 9003 Protective Mask with Revision lens insert



Fig. 3 - FX[®] 9003 Protective Mask with night vision goggles

WARNING



- The FX[®]9003 Protective Mask has been designed and developed to be used only with the followings FX[®] interactive Marking Training ammunition; 9 mm, .38 cal. or 5.56 mm Simunition[®] FX[®] Marking cartridges only.
- **DO NOT USE WITH ANY OTHER TYPE OR CALIBER OF AMMUNITION**
- The use of this equipment is **MANDATORY** in order to prevent serious personal injury to head and face during training with FX[®] marking cartridges, however this product will not provide unlimited face and head protection

This FX[®] 9003 Protective Mask comes assembled and ready to wear.

- The **FX[®] 9003 Protective Mask**, by itself, will not provide complete head protection from FX[®] marking rounds. The **FX[®] 9003 Protective Mask** can be worn with the user's ballistic helmet or with the FX[®] 9003 Hard Top Cover (included).
- The **FX[®] 9003 Hard Top Cover** is an integral part of the **FX[®] 9003 Protective Mask** and must be worn in order to provide the required protection to the head area. In order to provide complete neck and head protection all Simunition[®] masks have to be worn in conjunction with the FX[®] 9000 Throat Protection (8971764) and FX[®] 9000 Groin Protection (male 8971770 and female 8971771).
- The **FX[®] 9003 Protective Mask lens** and lens frame should never be separated for cleaning from the Goggle Assembly (see figure 20). If lens and frame should become separated users must not attempt to re-install the Goggle Assembly and a new Goggle Assembly (8971970SP) must be installed. Failure to follow these instructions may result in severe eye injury.
- The use of approved Simunition[®] Protective equipment is **MANDATORY** in order to prevent serious personal injury to ears and face during training with 9 mm, .38 cal. or 5.56 mm FX[®] Marking cartridges.
- **FOR SAFE AND EFFECTIVE USE OF THIS EQUIPMENT, FOLLOW ALL INSTRUCTIONS.**
- GD-OTS Canada assumes no responsibility for injuries, loss or damage resulting from misuse of this equipment. **THIS PRODUCT WILL NOT PROVIDE UNLIMITED FACE AND EAR PROTECTION.**
- Intended only for supervised law enforcement and military training conducted in accordance with Simunition[®] safety guidelines
- Should protective lens become fogged or dirty during training, **DO NOT REMOVE IT! OBTAIN ASSISTANCE FROM THE INSTRUCTOR TO REMOVE YOURSELF FROM THE TRAINING AREA WITH FX[®] 9003 PROTECTIVE MASK IN PLACE**
- Check the lens before each use and replace immediately if cracks or dents are observed. No lens can protect the wearer from all potential impacts or will not protect against all impacts nor will it protect against all chemical splashes. **NOT FOR USE IN THE SPORT OF PAINTBALL**
- Do Not Use Abrasive Cleaning Products or Liquids Containing Ammonia or Alcohol, or Chlorine, or other chemical products on any surface of the Lens surfaces (Interior Fog-Resistant and Exterior FX[®] -Scratch resistance).
- **N.B.: DO NOT PUT ANY MASK COMPONENTS IN THE WASHING MACHINE OR SPIN DRYER**
- **REPLACE GOGGLE ASSEMBLY (89711970) IF DAMAGED.**

Donning the FX® 9003 Protective Mask

1. Open the back flap by separating the Velcro®.
2. Hold both ends of the Mask's back flap with your hands and place your chin first into the mask (see figure 4). Put the mask over your head. Ensure that the top mesh material is well adjusted to your head. Ensure that your nose bridge is well adjusted with the nose receptacle of your goggles.



Fig. 4 – Place your chin first into the mask FX® 9003

3. Attach both ends of your Mask's back flap Velcro® fastening by overlapping the Velcro® hook and loop attachment (see figures 5 and 5a). Ensure that your mask's back flap is tight, in order to get a good foam seal around the nose bridge and face, this will help prevent fogging.



Fig. 5 – Attach both ends of your Mask's back flap Velcro® fastening by overlapping the Velcro®



Fig. 5a – Hook and loop attachment of your FX® 9003 Protective Mask

4. Then, make sure that the mask's textile cover (front & sides) is properly adjusted over your shoulders (see figure 6).



Fig. 6 – Adjusting the mask's textile

Note: The FX® 9003 protective mask must be worn with FX® Throat (8971764) and FX® groin protector (8971770-Male or 8971771-Female). These items are not included with the FX® 9003 protective mask.

Donning the FX® 9003 Hard Top Cover

1. The FX® 9003 Hard Top Cover (see figures 7 and 8) comes with 8 circular, self-adhesive foam pads, not installed (see figure 9).



Fig. 7 - Hard top cover



Fig. 8 - Hard top cover, inside view



Fig. 9 - Self-adhesive foam

2. Prior to using your Hard Top Cover, install four (4) circular foams at the marked spots located in the interior of your FX® 9003 Hard Top Cover (see figure 8).
3. Hold your Hard Top Cover with your hands, look inside and you should read the word "FRONT" engraved on the brim of your Hard Top Cover (see figure 10).
4. Start by locating the center of your hard top cover and place the front (brim) centered above the lens (see figure 10).

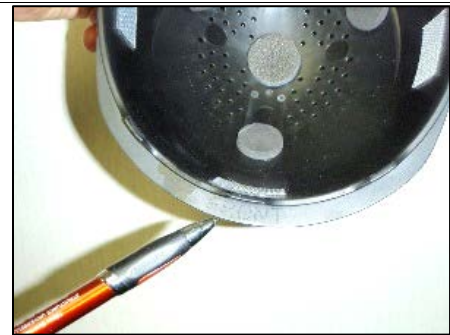


Fig. 10 - Front (Brim) centered

5. Flip the Hard Top Cover over your head. Ensuring that the brim on the front of the Hard Top cover is centered on the top ventilation grill on the mask (see figure 11).
6. To complete the installation, apply pressure on the Velcro® fastener hook and loop with the help of your hands, (1 located on front and 1 located on each side) to make sure that your hard top cover is secured firmly over your FX® 9003 Protective Mask (see figure 12).



Fig. 11 - Hard Top Cover flipping



Fig. 12 - Hard top cover firmly secured

FX[®] 9003 Goggle Assembly removal

1. This should only be required when replacing the Goggle assembly (see figure 13).
2. Grasp and pull the nose portion of the mask's plastic shell by exerting a downward pressure (see figure 14)
3. When the lower portion (nose bridge) of the Goggle Assembly has been dislodged, remove the Goggle Assembly for complete disassembly from the Mask's plastic shell. (See figure 14a)



Fig. 13 - Goggle Assembly



Fig. 14 - Nose portion of the mask's plastic shell



Fig. 14a - Nose portion of the mask's plastic shell

Note: Prior to reinstalling a Goggle Assembly; make sure there is no dirt inside the location where the Goggle Assembly will be installed.

Goggles replacement/installation

1. To facilitate the insertion of Goggle Assembly into the mask's plastic shell, place the mask's plastic shell into hot (150°F / 76°C) water for a period of 15 minutes. This will soften the mask's plastic shell. Then, turn the over side the textile material over the plastic shell (See figure 15).



Fig. 15 - Mask's plastic shell

Place mask on table

2. From inside of the mask, insert the lower (right) corner of the Goggle Assembly into the Mask's plastic goggle shell lower cavity. (see figure 16)



Fig. 16 - Mask's plastic goggle shell lower cavity

3. Using your thumb, insert the second lower (left) corner of Goggle Assembly into the Mask's plastic goggle shell lower cavity (see figures 17a and 17b).
4. Again, using the thumb, insert the top (left and right) corners of Goggle Assembly into the Mask's plastic goggle shell top cavity.



Fig. 17a – Insertion in the second lower (left) corner



Fig. 17b - Insertion in the second lower (left) corner

Note: Some physical effort may be necessary to completely lodge the Goggle Assembly in the Mask.

5. Finally, make sure that Goggle Assembly is fitted securely into the Mask's plastic shell. (see figures 18a, 18.b, 18.c and 18d)



Fig. 18a - Goggle Assembly into the Mask's plastic shell



Fig. 18b - Goggle Assembly into the Mask's plastic shell



Fig. 18c - Goggle Assembly into the Mask's plastic shell



Fig. 18d - Goggle Assembly into the Mask's plastic shell



FX[®] 9003 Protective Mask

Cleaning instruction for the FX[®] 9003 Protective Mask

For use in FX[®] interactive training with 9 mm, .38 cal. or 5.56 mm Simunition[®] FX[®] Marking cartridges only.

DO NOT USE WITH ANY OTHER TYPE OR CALIBER OF AMMUNITION.

FX[®] 9003 Protective Mask

The FX[®] 9003 Protective Mask can be equipped with one of two different types of lens configurations: single and double lens configurations. The user can easily distinguish both lens configurations by identifying the discriminating features on the front of the FX[®] 9003 Protective Mask. Please see the pictures below for both types of lens configurations.

FX[®] 9003 Protective Mask, *with Double lens configuration*

Double lens configuration is easily distinguishable by its contoured black line, which is visible on the front view of the lens. (See figures 19 and 20 for Contoured Black Line location).



FX[®] 9003 Protective Mask, *with Single lens configuration*

Single lens configuration is **not** contoured with a black line. (See figures 21 and 22).



PROCEDURE #1

Cleaning the FX[®] 9003 Protective Mask equipped *with Double lens configuration*

The FX[®] 9003 Protective Mask **with** Double lens configuration (see figures 19 and 20) cleaning procedures shall be carried out as follows:

1. By using a clean soft wet cloth, wash the inside and outside surfaces (do not immerse the mask in the water) of the FX[®] 9003 Protective Mask with a solution of two (2) teaspoons of detergent (mild dish-hand washing liquid with antibacterial) for every 4 liters of hot water, at a temperature of (35°C/ 95°F).
2. Then, with the use of fresh cold water, a soft wet cloth and without immersing the mask in the water, wipe the inside and outside of FX[®] 9003 Protective Mask.

Drying the FX[®] 9003 Protective Mask

1. Using a clean cloth, wipe the inside of the FX[®] 9003 Protective Mask. Make sure there is no excess moisture.
2. Wipe the lens carefully with a soft (non-abrasive) dry cloth, making sure the water stains from the inside and outside surfaces of lens are removed.
3. Then, allow the FX[®] 9003 Protective Mask to dry completely before storing it in its storage pouch (PN: 8971315).

PROCEDURE #2

Cleaning the FX® 9003 Protective Mask equipped with Single Lens configuration

The FX® 9003 Protective Mask with Single Lens configuration (see figure 21 and 22) of cleaning procedures shall be carried out as follows:

1. Using a clean container, to wash the inner and outer surface of the Single lens FX® 9003 Protective Mask by immersing in a solution of two (2) teaspoons of detergent (mild dish-hand washing liquid with antibacterial) for every 4 liters of hot water, at a temperature of (35°C/ 95°F). Remove the FX® 9003 Protective Mask from the soapy solution and drain the outside and inside of the FX® 9003 Protective Mask.
2. Then, rinse the FX® 9003 Protective Mask thoroughly with cold clean water and drain water from the inside and outside of mask.

Drying the FX® 9003 Protective Mask

1. Using a clean cloth, wipe the inside of the FX® 9003 Protective Mask. Make sure there is no excess moisture.
2. Wipe the lens carefully with a soft (non-abrasive) dry cloth, making sure the water stains from the inside and outside surfaces of lens are removed.
3. Then, allow the FX® 9003 Protective Mask to dry completely before storing it in its storage pouch (8971315).

FX® 9003 Protective Mask storage (8971315)

A storage pouch is supplied with this FX® 9003 Protective Mask to ensure protection of the lens. Make sure that the FX® 9003 Protective Mask is cleaned and dried before storing. The storage pouch can also be washed by hand by immersion into a soapy water using the cleaning procedure #2. The storage pouch shall be hung for drying.

WARNING

- Do not use detergents that may contain reactive cleaning/disinfecting chemicals such as alcohol, hydrocarbons, ammonium, chlorine bleach, etc., to clean the mask and lens. Such chemicals may reduce the ballistic properties of the lens. Mild dish-hand washing liquid with antibacterial is specified.
- Do not wash or dry the FX® 9003 Protective Mask in a washing machine or spin drier.
- Do not immerse the FX® 9003 Protective Mask Double lens configuration (see Fig. 19 and 20)

WARRANTY: General Dynamics Ordnance and Tactical Systems-Canada Inc. (GD-OTS Canada) warrants that the goods shall be free from defect in materials and workmanship during the period of three (3) months following the date of delivery. This warranty is the exclusive warranty given by GD-OTS Canada.

LIMITATION OF WARRANTY: The Simunition® - FX® Protective Mask series are designed for use with 9mm, .38 FX® and/or 5.56 mm FX® Marking cartridges only. Use of any other ammunition including Paint Ball is dangerous and shall void this warranty.

GD-OTS Canada assumes no responsibility for injuries, loss or damage resulting from misuse of this equipment. **THIS PRODUCT WILL NOT PROVIDE UNLIMITED FACE AND EAR PROTECTION.**

FX[®] 9000 Series Protective Equipment

All FX[®] 9000 Protective Equipment is designed to withstand all calibers FX[®] Marking Cartridges :

FX[®] 9000 THROAT COLLAR (OSFA)

This one size fits all Throat Protection fits snugly around the neck, the FX[®] 9000 throat collar is produced of high-strength textile. Available in black in one size: (14"-21").



8971764

MANDATORY PROTECTION

FX[®] 9000 ARM PROTECTORS

FX[®] 9000 arm protectors slip on and off easily. These one-size-fits-all are made of high-strength textile. Available in black.



8971517

FX[®] 9000 GLOVES

New and Improved FX[®] 9000 gloves are made of high-quality, low-maintenance materials for all-weather handgun use. They feature a synthetic leather palm providing an excellent grip, a longer wrist cuff with added protection to the wrist, top of hand, thumb and finger tips. Available in small, medium, large, X-large and XX-large.

- S-8971880**
- M-8971881**
- L-8971882**
- XL-8971883**
- XXL-8971884**



FX[®] 9000 GROIN PROTECTORS

Designed for external wear, FX[®] 9000 groin protectors are made of high-strength textile and feature three adjustable straps. Available in black in both male and female models.

MALE: 8971770



FEMALE : 8971771

MANDATORY PROTECTION

FX[®] 9000 VEST

Providing outstanding torso protection, the FX[®] 9000 vest is produced from high-strength textile. Resistant to wear and tear. Two models: male and female (extra chest padding). Available in black.



MALE : 8971830
FEMALE : 8971835

FX[®] 9000 PANTS

FX[®] 9000 pants provide buttock and thigh protection. Made of high-strength textile and compatible with the user's duty belt. Available in black.

- S (30"-34"),
- M (36"-38"),
- L (40"-42"),
- XL (44"-46").

- S-8971215**
- M-8971216**
- L-8971217**
- XL-8971218**



FX[®] 9000 SLEEVES

FX[®] 9000 sleeves provide shoulder protection. Made of high-strength textile. One-size-fits-all. Available in black.

- S-M: 8971281**
- L-XL: 8971286**



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Canada (Home office)
GENERAL DYNAMICS
Ordnance and Tactical Systems-Canada

5 Montée des Arsenaux Repentigny, Québec
Canada J5Z 2P4
Tel.: 1-450-581-5999
Fax: 1-450-581-0231
Management System Certified
ISO 9001, ISO 14001 & OHSAS 18001

USA
GENERAL DYNAMICS
Ordnance and Tactical Systems

Simunition Operations
P.O. Box 576
Avon, CT 06001-0576 USA Tel. USA only: 1-800-465-8255
Tel.: 1-860-404-0162
Fax: 1-860-404-0169