



FX[®] 9002 Protective Mask

Cleaning instruction for the FX[®] 9002 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.

Cleaning the FX[®] 9002 Protective Mask



Fig. 18 – Inside mask

The FX[®] 9002 Protective Mask cleaning procedure shall be carried out as follows:

1. Preparation of cleaning solution:

- 1.1. By using a clean container, fill the container with water at a temperature of (35°C/ 95°F) and add two (2) teaspoons of detergent (mild dish-hand washing liquid with antibacterial) for every (4 liters / 1 gallon) of hot water.

Cleaning the FX® 9002 Protective Mask (cont'd)

2. Parts removal prior to wash

- 2.1. Remove the Back Head protection hood by simply tear free, then,
- 2.2. From the interior of mask, remove the Nasal Starship and the Crown Foam pieces by simply tear free (See fig. 18), then
- 2.3. Loosen the Upper head strap from the top head lock buckle, push-on the buckle and strap's end through the opening of the foam, then, Unbuckle the lower head strap and push-on the buckle and strap's end through the opening of the foam, then, to remove the wing foam simply tear free.
- 2.4. Remove the Cover Valve Outlet by reaching into the mask and pressing firmly on the top release snap which is located at the interior of the mask (Some physical effort may be necessary to release the top release snap). This allows the user to access the Anti-soap baffle for cleaning. The Anti-soap baffle can now be removed for cleaning by simply tear free (See fig. 19), then
- 2.5. Remove the two lens lock which are located on the side of the mask by exerting outward pressure on the black locking bar and pull out (Fig. 20), then
- 2.6. With the help of your hand, remove the Rubber Deflector by gently pull-out the three stems who are insert through the air intake grill (Fig. 21A & 21B).

Note: Usually, it's not necessary to remove the lens from the mask to wash. When immersed in hot water (35°C/95°F), by the effect of soaking will help the dirt and to the marking compound to coming-off easily

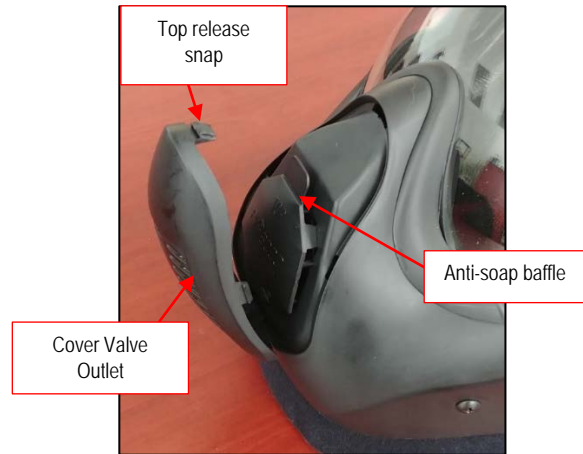


Fig. 19 – Front mask, side view



Fig. 20 – Lens lock pull out



Fig. 21A – Rubber Deflector



Fig. 21B – Rubber Deflector

3. Mask cleaning

- 3.1. Completely immerged the FX[®] 9002 Protective Mask and wash the interior and exterior of mask by using a clean cloth, then, in the same water, completely immerged, all foam parts, Cover Valve Outlet, Anti-Soap Baffle and Rubber Deflector that were previously disassembled from the mask. Wash these parts with a clean cloth.
- 3.2. Then, rinse the FX[®] 9002 Protective Mask, foams and plastics parts thoroughly with cold clean water and drain water from the inside and outside of mask.

Drying the FX[®] 9002 Protective Mask

1. Using a clean dry cloth, wipe the inside and outside of the FX[®] 9002 Protective Mask, foam parts, plastic parts and Rubber Deflector. Make sure there is no excess moisture, then,
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[®] 9002 Protective Mask, foam parts, plastic parts and Rubber Deflector to dry completely prior to re-installing them.

Assembly of mask after cleaning



Fig. 22 - FX[®] 9002 Protective Mask principal parts description

1. Place (re-install) the Rubber Deflector over the external of the lens, then, insert the three Stems through the dedicated grill opening by using a gentle pull-in force by using your fingers, to grasp the stem (see fig. 16A & 16B). You should begin by inserting the center stem at first following by each stem at each side. You should be able to hear a click noise which indicate that the stem has been installed properly at its place, then
2. Re-install the lens locks by inserting the lens lock marked R through the Rubber Deflector opening which is marked R by pushing the lens locks up to the rubber stopper. Repeat this operation for the lens lock marked L (see fig 17) , then,

Note: Some physical effort may be necessary to insert the lens lock in their places

3. Re-install the Anti-Soap Baffle by inserting the posts in the rectangular opening (4) (see fig. 23) Make sure that the FX 9002 logo wording which is embossed is properly oriented, then

4. Re-install the Cover Valve Outlet by inserting the lower post (1) into the lowered opening (Fig. 24) and then, flip the Cover Valve Outlet and insert the top Flap into the opening and snap it by pressing firmly. You should hear a click noise which will indicate that Cover Valve Outlet is properly installed (Fig 25).

5. Re-install the Wing foam part by inserting at first the upper head strap ends through the foam opening (2) which are located at the end of both sides of the Starship, then, thread the loosen installation strap end through the strap buckle openings as showed in figure 27.

6. Then insert the lower head strap ends through the foam openings (2) which are located in the lower chin portion of the Wing and leave it unbuckle

7. Re-install the Crow, Wings, Starship and Nasal foams (see fig. 18)

8. Re-install the Back Head protection by starting to install at first the upper Velcro hooks (2) (square shape) facing the Velcro Loop (2) which are located on the back of the hard FX 9002 Mask's Shell (see fig. 26) and to conclude,

9. Attach the back head protection hood to the mask fastening Velcro[®] loop and make sure the back head protection hood overlaps the peripheral edge of the mask shell (Fig. 28).



Fig. 23 – Rectangular vs posts

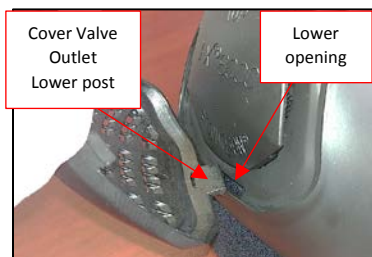


Fig. 24 – Lower post



Fig. 25 – Opening



Fig. 26 – Velcro hook



Fig 27 – Strap buckle installation



Fig. 28 – Mask's textile cover

FX[®] 9000 Protective Mask storage (8971315)

A storage pouch is supplied with this FX[®] 9002 Protective Mask to ensure protection of the lens. Make sure that the FX[®] 9002 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. 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[®] 9002 Protective Mask in a washing machine or spin drier.

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.**