



Fig. 1 - FX® 9003 Mask

Instruction for the replacement of the FX®9003 goggle assembly (lens and frame) – 8971970SP

The FX® 9003 Protective Mask's scratch-resistant polycarbonate lens and shell are certified to ANSI Z87 + Sections 9 and 10 and European EN166 section 7.

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.**



Fig. 2 Goggle assembly

Goggle Assembly (lens and frame) removal

1. This should only be required when replacing the Goggle Assembly.
2. Remove the goggle assembly retaining screw with a star-shaped (Philips) screw driver. (Note: This comment only applies to FX® 9003 masks produced in 2012 and earlier.) (Fig. 2)
3. Apply pressure with your fingers on the nose area and on the top of the lens and pull to remove the goggle-assembly from inside the shell. (Fig. 3-4-5)
4. Take a new goggle-assembly. Do not remove the protective film from the lens until after installing the replacement goggle. (Fig. 6)
5. Flip the cloth section of the mask around to the front of the goggle, to allow easy access to the mask shell interior. (Fig. 7)



Fig. 3 Nose area and top of the lens



Fig. 4 Nose area and top of the lens



Fig. 5 Nose area and top of the lens



Fig. 6 Goggle assembly



Fig. 7 Cloth section



Fig. 8 End of the goggle frame



Fig. 9 Shell notch



Fig. 10 Goggle frame



Fig. 11 Goggle frame inside the notch



Fig. 12 Goggle frame inside the notch

Goggle Assembly (lens and frame) removal... cont'd

6. From the inside of the mask shell, insert one end of the goggle frame into the shell notch. Make sure the end of the goggle frame is completely inserted inside the notch and the goggle is aligned in the same direction as the shell. (Fig. 8)
7. Insert the other end of the goggle frame into the other shell notch. Push on the frame goggle with your thumbs until the second goggle frame edge is completely inside the notch. (Fig. 9)
8. To verify that the installation is correctly completed, the goggle frame must be completely inside the shell and the lens inside the goggle frame must not have moved during installation. (Fig. 10-11-12)
9. Re-Install the retaining screw (For models dating from 2012 and earlier only.) (Fig. 2)

Note: The shell and cover can be heated to 110-120 degrees F (43-49° C) to facilitate insertion of goggle. The plastic will become more flexible and easier to manipulate.

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 (12) months following the date of delivery. This warranty is the exclusive warranty given by GD-OTS Canada.

Limitation of Warranty : Simunition® FX® 9000 Protective Masks series are designed for use with 9mm, .38 FX® and/or 5.56 mm FX® Marking cartridges only. Use of any other ammunition is dangerous and shall void this warranty.

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