

TECHNICAL INFORMATION

BLUEMAXX™ Filters

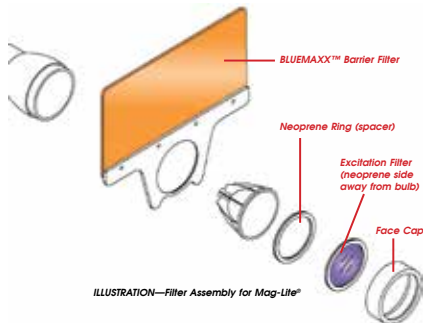
Catalog Nos. BMF100B, BMF100R, BMF101, BMF102, BMS100B, BMS100R, BMS101, BMS102

INSTALLATION OF BLUEMAXX™ FILTERS

Installing The Excitation and Barrier Filters for Mag-Lite®

Excitation Filters No. BMF100B and BMF100R and Barrier Filter Assemblies No. BMS100B and BMS100R (see illustration):

1. Remove the face cap of your flashlight as though you were going to replace the bulb.
2. Remove the reflector assembly from the face cap with pressure to the side.
3. Remove the clear lens. *Save this lens if you will need to convert your instrument back to a flashlight at a later date.*
4. Examine the excitation filter assembly. Note that one



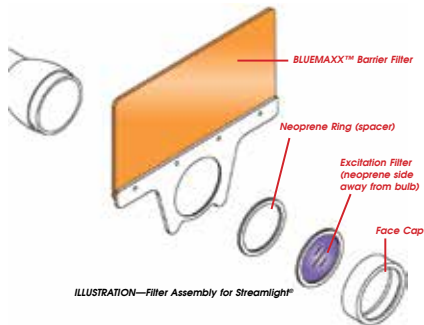
surface is neoprene while the other is aluminum. Place the filter assembly into the face cap you removed from your flashlight in Step 1, so that when the cap is replaced on the flashlight, the neoprene will face the bulb.

5. Insert the reflector assembly back into the face cap by pressing firmly downward. The reflector assembly should snap into place.
6. Place the barrier filter assembly over the end of the flashlight so that the BLUEMAXX™ label faces towards the front of the flashlight. This assembly is counter-bored on one side; as a consequence, it should be centered. Slide the assembly back and forth to assure that it is centered and has seated itself fully downward.
7. Replace the reflector/filter assembly from Step 6 and tighten. Your BLUEMAXX™ is ready to operate.
8. Should the variable focus of the instrument appear to have been adversely affected, install the neoprene spacer (supplied) as shown in the drawing.

Installing The Excitation and Barrier Filters for Streamlight®

Excitation Filter No. BMF101 and Barrier Filter Assembly No. BMS101 (see illustration):

1. Remove the face cap of your flashlight as though you were going to replace the bulb.
2. Remove the clear lens. *Save this lens if you will need to convert your instrument back to a flashlight.*
3. Place the barrier filter assembly over the end of the flashlight so that the BLUEMAXX™ label faces towards the front of the flashlight. This assembly is counter-bored on one side; as a consequence, it should be centered. Slide the assembly back and forth to assure that it is centered and has seated itself fully downward.



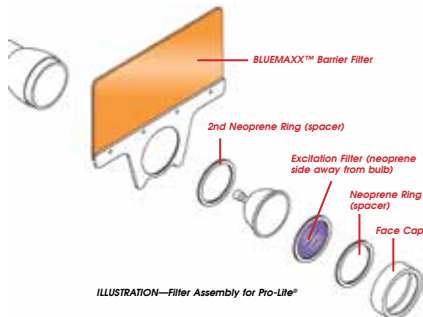
ILLUSTRATION—Filter Assembly for Streamlight®

- Examine the filter assembly. Note that one surface is neoprene while the other is aluminum. Place the filter assembly into the face cap you removed from your flashlight in Step 1, so that when the cap is replaced on the flashlight, the neoprene will face the bulb.
- Place the face cap over the flashlight and tighten. Your BLUEMAXX™ is ready to operate.
- Should the filter assembly appear to be loose or rattle after the face cap is replaced and tightened, install the neoprene spacer (supplied) as shown in the drawing.

Installing The Excitation and Barrier Filters for Pro-Light®

Excitation Filter No. BMF102 and Barrier Filter Assembly No. BMS102 (see illustration):

- Remove the face cap of your flashlight as though you were going to replace the bulb.
- Remove the reflector assembly by lifting it with pressure to the side.
- Remove the clear lens. *Save this lens if you will need to convert your instrument back to a flashlight at a later date.*
- Note that the non-rechargeable Pro-Light® uses two (2) neoprene rings as seals, one between the face cap and the clear lens and one behind the reflector assembly between the reflector assembly and the flashlight body (see illustration), while the rechargeable Pro-Light® uses only one—DO NOT remove reflector assembly from the rechargeable flashlight. Ensure one neoprene spacer ring is inserted into the face cap.
- Open the package containing the excitation filter. Wear cotton gloves when handling if at all possible.



Note that a colored tag is attached to one side. *When the flashlight is reassembled, this side should face away from the flashlight bulb.* Carefully remove the colored tag and place the filter into the face cap centered on the spacer ring installed in Step 4. Remember, the side that was tagged should be against the neoprene surface of the spacer.

6. Insert the reflector assembly back into the lens filter cap by pressing firmly downward. The reflector assembly should snap into place.
7. If this is a non-rechargeable flashlight, place the second neoprene ring behind the reflector assembly.
8. Place the barrier filter assembly over the end of the flashlight so that the BLUEMAXX™ label faces towards the front of the flashlight. This assembly is counter-bored on one side; as a consequence, it should be centered. Slide the assembly back and forth to assure that it is centered and has seated itself fully downward.
9. Replace the reflector/filter/face cap assembly from Step 6 and tighten. Your BLUEMAXX™ is ready to operate.