

blacklinesafety
G7 EXO

Diffusion to Pump Conversion

HOW TO INSTALL G7 EXO DIFFUSION UPGRADE KIT



G7 EXO Diffusion

G7 EXO Pump

G7 EXO's Pump Module takes your area monitoring a step further. The optional four-channel pump system allows you to monitor up to four areas sequentially from up to 30 metres away in each

REQUIRED

- G7 EXO Diffusion
- Phillips screwdriver

INCLUDED IN BOX

ACC-G7EXO-PUMP

- Pump Module
- Pump Cartridge Cover
- Pump Gas Chamber
- Dock Filters (x4)
- M4 Screws (x4)

PARTS LEGEND



Diffusion Cartridge
Cover



Diffusion Module



Diffusion Chamber

EXO Diffusion



Pump Cartridge
Cover



Pump Module



Pump Gas Chamber

EXO Pump



Cartridge





Dock Filter

REMOVING DIFFUSION COMPONENTS



Before starting, place EXO in a dry, safe and non-hazardous environment. Disconnect any external charging source, such as the trickle charger or solar panel.

1. Power off EXO. Use a Phillips screwdriver to remove the Diffusion Cartridge Cover.
NOTE: The captive screws should stay attached to the Diffusion Cartridge Cover. Once the cover is removed, store it in an accessible location for converting back to EXO Diffusion.
2. Pull the Cartridge out of its slot and set aside. You will put it back in place after completing the Installing Pump Components section.
3.  Place EXO on its side with the Diffusion Module facing up and remove the screws from the module. Carefully lift the module and detach it from the quick-connect. Once removed, store it with the Diffusion Cartridge Cover.
4.  Stand EXO upright. Remove the screws and washers from each side of the Diffusion Chamber. Slide the chamber out from its slot and detach it from EXO's inlet tubing. Once removed, store it with the Diffusion Cartridge Cover and Diffusion Module.


INSTALLING PUMP COMPONENTS

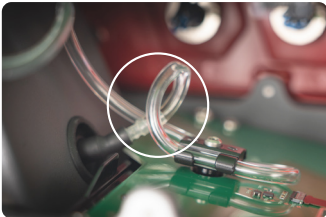


1. Insert Pump Gas Chamber

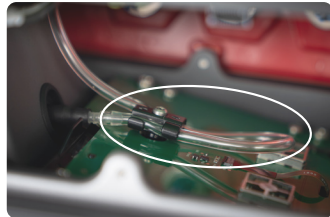
- a. Attach the Pump Gas Chamber's coupling to EXO's inlet tubing.
- b. Carefully push the inlet tubing back into EXO's interior
- c. Slide the Pump Gas Chamber into its slot and secure the chamber using the two washers and screws

2. Check the tubing and attach the Pump Module:

- a.  Place EXO back on its side with the module opening facing up.
- b. Check inside the module opening to see if the inlet tubing is crimped. If necessary, gently adjust the loop past the tube clamp to elongate the loop.



x Crimped tubing

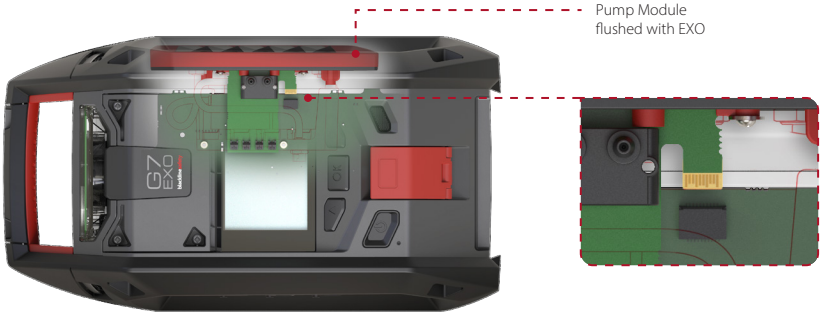



✓ Ideal tubing position for optimal gas flow

- c. Using the tube quick-connect, attach the Pump Module to EXO.
- d. Line up the Pump Module male connector and EXO's female connector, and tuck the tubing under EXO's internal frame.
- e. Lower the module inside EXO until it is flush with EXO's frame.

▲ WARNING: The Pump Module is designed to lay flush with the opening. Make sure the Pump Module male connector and EXO's female connector are lined up and that the tubing is not pinched between the module and EXO's frame. **DO NOT** force or otherwise use undue pressure when lowering the module into place. Forcing the module into place or not lining up the connectors may result in permanent, unreparable damage to EXO.



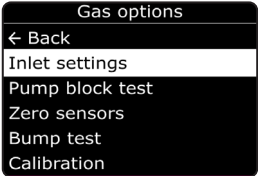


- f. Secure the Pump Module with the previously removed screws.
3.  Stand EXO upright and reinsert the Cartridge that was previously removed in the **Removing Diffusion Components** section.
4. Use the four M4 screws provided in the kit to attach the Pump Cartridge Cover to the front enclosure.

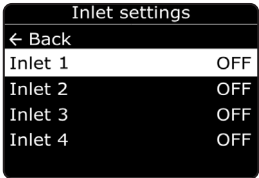
CONNECTING TUBING AND DOCK FILTERS, AND ENABLING INLET(S)



1. Connect the tubing to the Dock Filter's Syringe top. Ensure the tubing is secure and has a tight fit to avoid leakage.
2. **NOTE:** Blackline Safety recommends using the Dock Filter to help gas flow and for optimal pump functionality.
3. Insert and twist the coupling to connect the Dock Filter to one of the four EXO inlets.



4. Using the up, down and OK buttons to navigate, select **Main Menu > Gas options > Inlet settings**.



LEARN MORE

Visit support.blacklinesafety.com to download the G7 EXO Technical User Manual with descriptions of how to use and configure your device and for detailed specifications.

North America (24 hours)

Toll-free: 1-877-869-7212 | support@blacklinesafety.com

Europe

Phone: +44 1787 222684 | eusupport@blacklinesafety.com

International

Phone: +1-403-451-0327 | support@blacklinesafety.com

blacklinesafety

www.BlacklineSafety.com