



EDGE / HOG Buoyancy Compensator (BC) User Manual

Congratulations on your purchase of an EDGE / HOG BCD. This equipment is designed for precision, durability, and comfort. A Buoyancy Compensator is one of the most vital components of your life-support system, providing the means to control your position and safety throughout every phase of a dive.

⚠ DANGER: SAFETY FIRST

IMPROPER USE OF THIS EQUIPMENT COULD RESULT IN SERIOUS INJURY OR DEATH.

- **NOT A LIFE JACKET:** This BC is not a Coast Guard-approved life jacket. It does not guarantee face-up flotation and should not be relied upon as a primary rescue device at the surface.
 - **TRAINING MANDATORY:** Do not use this equipment unless you have received formal certification in SCUBA diving and buoyancy control from a recognized agency (PADI, NAUI, SDI, SSI, etc.).
 - **NEVER BREATHE FROM THE BC:** The internal bladder may contain salt water, bacteria, or gas residue. Inhaling from the BC can result in serious illness or injury.
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1. The Purpose of a BCD

A BCD is a precision tool used to manage your displacement in the water. Its primary functions are:

- **Neutral Buoyancy:** Allowing you to "weightlessly" hover at a specific depth, which conserves air and protects the underwater environment.
 - **Ascent/Descent Management:** Compensating for the compression of your exposure suit as you descend and managing the expansion of air as you ascend.
 - **Surface Safety:** Providing positive buoyancy at the surface to allow for resting, swimming, or waiting for a boat.
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2. Pre-Dive Inspection & Setup

Before every dive, you must verify the integrity of your equipment:

- **Leak Test:** Inflate the BC until firm and let it stand for 30 minutes. If the bladder softens, do not dive.
 - **Valve Integrity:** Check that the power inflator, oral valve, and all over-pressure/dump valves operate smoothly and seal completely.
 - **Hose Connection:** Ensure the Low Pressure (LP) hose is connected to a proper LP port (typically 3/8" UNF) and operates between **10 psi and 174 psi. Never connect to a High Pressure (HP) port.**
 - **Tank Security:** Verify the tank band is tight and the cylinder cannot slide or shift within the backpack.
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3. Integrated Weight System

If your model includes integrated weight pockets:

- **Security:** Always ensure weight pouches "click" or lock into place before entering the water.
 - **Balance:** Distribute weight evenly. If using non-releasable "trim" pockets, ensure you carry enough releasable weight to achieve positive buoyancy in an emergency.
 - **Emergency Ditching:** You and your buddy must be familiar with the "Pull-to-Discard" mechanism to instantly generate buoyancy if needed.
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4. Maintenance & Care

Proper maintenance is the only way to prevent salt-crystal damage and valve failure.

- **Rinse Inside and Out:** Salt water inside the bladder is the leading cause of BC failure. After every dive, run fresh water into the bladder through the inflator, shake, and drain.
- **Dry in the Shade:** UV rays degrade polyurethane coatings and fabrics. Always dry your BC in a cool, shaded area.
- **Storage:** Store the BC partially inflated on a hanger. This prevents the internal bladder walls from sticking together.
- **Annual Service:** Diving equipment degrades even when not in use. Your BC **must** be serviced by an authorized technician every 12 months or 100 dives.



5. Warranty Information

EDGE / HOG warrants to the original purchaser that the BC will be free from defects in materials and workmanship for **one year**. The welded seams of the air cell are warranted for **two years**.

- **Not Covered:** Damage from chlorine (pool use), lack of maintenance, or commercial/rental use.

Service Center: EDGE/HOG Warehouse, 5208 Mercer University Dr., Macon, GA 31210
Phone: 1-800-810-4811 | **Email:** operations@hogscuba.com

Owner's Record

Staple your sales receipt here for reference and warranty validation.

Name: _____

Home Address: _____

City/State/Zip: _____

Date of Purchase: _____ **Product Model:** _____

Serial Number: _____ **Dealer:** _____