



**TAS2 SAR
BCD**

User Instruction Manual

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IMPORTANT WARNINGS

- This manual must be read and understood entirely before using the product. This Instruction Manual provides you with the information you need to get the most from your new Buoyancy Control Device (BCD). It is advised that you keep this manual in your possession during the entire life of your BCD.
- When diving you must follow the rules and apply the skills taught by a recognized scuba diving certification agency. Before taking part in any diving activity, it is mandatory to have successfully completed a scuba diving course covering both theoretical and technical aspects of diving.
- This instruction manual does not replace a diving instruction course.
- **THIS BCD IS NOT A LIFEJACKET OR A RESCUE DEVICE.**
Emergency face up flotation may not be provided for all wearers and in all conditions.
- Ensure you have fully understood the jacket's function and features and adjust the straps appropriately before diving.
- This BCD is not a breathing device. Never breathe from the BCD.
Your BCD may contain gas residue, liquid, or contamination that may result in injury or death if inhaled.
- Always perform a pre-dive and post-dive inspection of the BCD.
- Do not use your BCD as an assist or "lift bag" for bringing objects to the surface. These objects may be lost during the ascent, creating a sudden increase in buoyancy and loss of buoyancy control.
- Do not attach a L.P. hose to a SCUBA regulator high pressure (HP) port or to an air supply with pressure in excess of 200 psi (13.8 bar). This may result in damage or explosive failure of the Inflation Valve or Low pressure Hose, which could result in injury or death.
- Soak the webbing of the SCUBA air cylinder strap and then tighten prior to each use of the BCD. Webbing may stretch when initially exposed to water. Failure to soak the webbing may allow the cylinder strap to loosen around the SCUBA air cylinder. This could result in injury or death.
- Check the correct positioning and the correct tightening of the tank straps before starting to dive.
- Practice fastening and releasing the weight pockets several times before diving.
- Keep water out of the inflatable air cell of the BCD. Repeated use of the oral valve or the overpressure Valve may allow water inside the BCD, reducing the amount of buoyancy provided by the BCD. This could result in injury or death. Drain all water out of the BCD prior to every use.
- Adjust the BCD so that it does not restrict your breathing when fully inflated. Restriction of normal breathing while wearing your BCD could result in injury or death. Before each use, check all bands, straps, quick-connect clips, and/or waist belt for proper adjustment to the user.

- Pre-dive, dive and post-dive BCD examination helps to identify equipment problems before unsafe conditions exist, preventing diving accidents. All equipment must be regularly inspected by an authorized SCUBA equipment repair facility.
- DO NOT DIVE with a BCD that does not pass any of the Pre-Dive, Dive or Post-Dive inspection points and tests. Loss of buoyancy control or air holding integrity could occur, resulting in serious injury or death.
- DO NOT DIVE with a BCD that is damaged, leaks air, or does not function properly. Terminate any dive as safely and quickly as possible if the BCD becomes damaged, leaks air, or does not function properly.
- Post-Dive: BCD Cleaning and examination and Storage
With proper care and service, your BCD should provide years of enjoyment. Maintenance and care procedures must be observed and are as follows:
 1. Rinse the BCD thoroughly inside and out with fresh water after every use (do not use any aggressive solvent and/or cleansing liquid).
 - Fill the BCD Inner Bladder, approximately 1/4 full with clean fresh water through the Oral valve.
 - Orally inflate the BCD and shake to distribute water inside of the BCD.
 - Hold the BCD upside down, depress the Oral Valve Button, and allow all water and air to drain from the Oral Valve mouthpiece.
 - Repeat one or two more times.
 - Rinse the entire BCD with fresh water by dipping in a tub or spraying with a hose.
 - Rinse all valves to make sure all sand and other debris is removed.
 2. Dry the BCD: if hanging, make sure it is not in direct sunlight. Dry completely if storing, slightly inflated.
- Avoid prolonged or repeated exposure to chlorinated water, such as in swimming pools. Wash your BCD immediately after any use in chlorinated water. Chlorinated water can oxidize fabrics and materials on your BCD, thereby shortening their life, and cause colors (especially neon) to fade. Damage and fading from prolonged exposure to chlorinated water is specifically not covered under warranty.
- Store your BCD, after it has fully dried, by partially inflating and then placing it in a cool, dark, dry, location: ultraviolet rays will shorten the life of the fabric and cause colors to fade.
- Due to heavy usage, BCDs used for rental gear or commercial purposes or other intensive use must be checked at least every 6 months. For recreational use, a check every 12 months by an Authorized Apollo technician is recommended. Overall conditions and main safety parts such as the bladder, valves, elbow, corrugated hose, and power Inflator must be inspected. If any of the above parts shows wear or diminished performance it should be replaced immediately or removed from usage, if replacement is not possible.

Intended Use

This BCD is intended for diving purposes only. It provides a diver with the means to safely descend, ascend, maintain neutral buoyancy and float on the surface.

This BCD is designed to work in conjunction with other essential items of diving equipment i.e. a gas cylinder and valve, pressure reducer, hoses and breathing regulator, and should not be used in the water without these items.

Introduction

The TAS2 SAR BCD is a wing style BCD that utilizes bespoke new materials to deliver heavy-duty quality, comfort and performance.

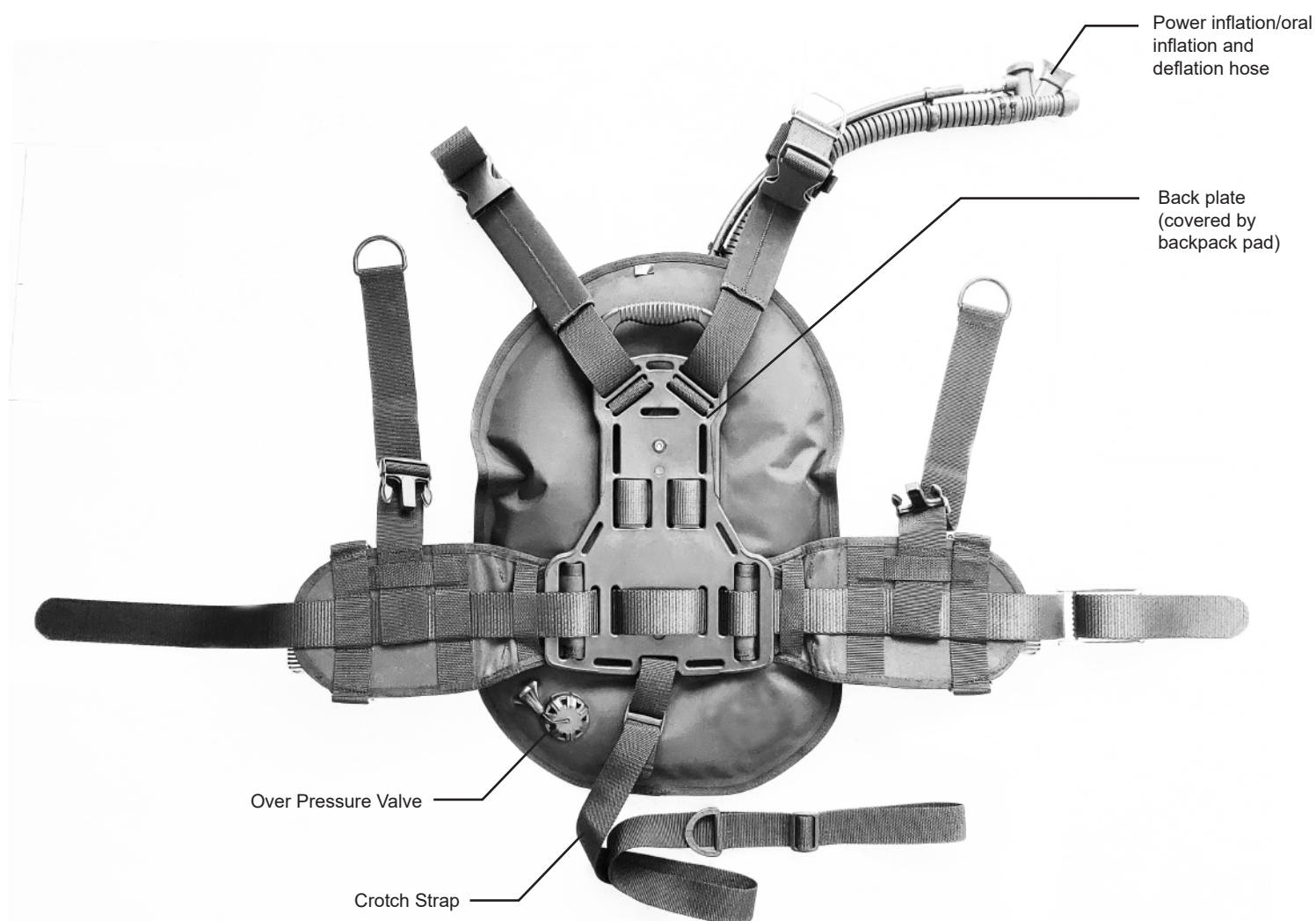
BCD Features

- Wing style design (your choice of a 13kg/28lb or 6.5kg/14lb wing)
- Large stowage pockets or integrated weight system (removable)
- Extra 2 x stowage pockets or for additional non-integrated weights (removable)
- Low profile power inflator
- Adjustable heavy duty waist belt
- Soft backpack pad for extra comfort
- Stainless steel D-rings
- Integrated 3rd shoulder dump
- Apollo expandable stainless steel tensioning belt buckle

FRONT



BACK



Integrated Weight Pocket

The weight pouches can be attached into the weight pockets via a quick release system. Each weight pouch can hold up to 5kg (11lbs) of shot or solid lead weights, giving a total weight of up to 10kg (22lbs).



Loading Solid Weights

Place weights in the weight pouch and fasten the zipper. Then place the weight pouch into the weight pocket until it securely fastens and locks into place.



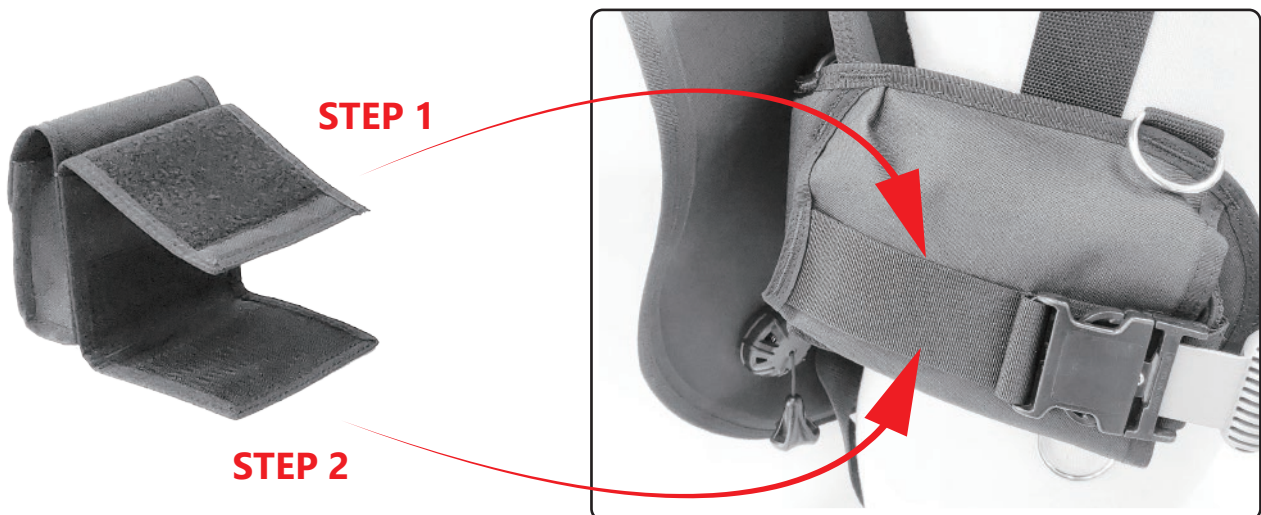
Removing the Weight Pouches

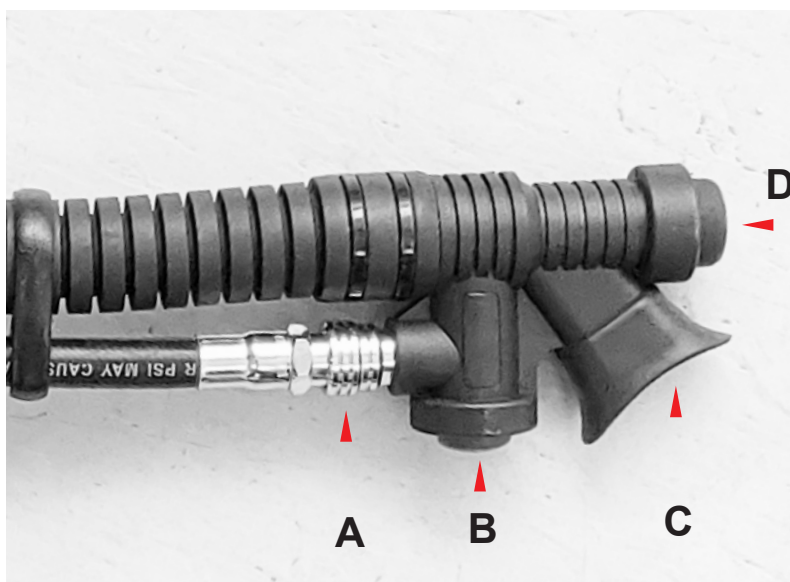
To remove the weight pouches, pull the weight pouch handle outward to free the pouch from the pocket.



Small accessory or non-dumpable weight pocket

Two additional accessory pockets provided.





Power Inflator

The Power Inflation Valve allows you to inflate your BCD using air from your SCUBA cylinder. Its LP hose, threaded on a LP port of the first stage regulator, is connected to the Power Inflation Valve by the Quick Disconnect Coupling that works with the air on or off.

To attach the Quick Disconnect Coupling(A)

1. Make sure that both fittings are free of contamination prior to mating them together.
2. Pull back the collar of the Quick Disconnect Coupling, while pushing the hose firmly onto the fitting plug found on the power inflation valve.
3. Release the collar when the coupling is fully seated on the plug. Pull gently but firmly on the hose to check for a secure connection.
4. To disconnect, pull the Quick Disconnect Coupling collar back and disengage the LP hose from the plug.

For routine BCD inflation, press the dome button(B) on the power inflator. This draws gas directly from your main gas supply. Gas should be added in short bursts to avoid a buoyant ascent.

The exhaust button(D) on the power inflator can be used to deflate the BCD. To operate the exhaust valve raise the valve above your head and press the exhaust button at the end of the valve.

Important: In the event of a free flow into the BCD from the power inflator, disconnect the direct feed hose thus cutting off the feed of gas to the BCD. The direct feed hose valve will automatically shut off when it is disconnected.

Important: Add and vent gas from the BCD in short bursts to maintain a controlled decent, ascent and neutral buoyancy. Adjusting the BCD's buoyancy in large amounts will cause a see-saw effect dive profile and may cause an uncontrolled buoyant ascent.

Oral Inflation

The BCD can be orally inflated by pressing the exhaust button at the end of the valve and blowing into the oral inflation mouthpiece(C).

Over Pressure Valve (OPV) / Dump Valve



There is one standard dump valve on the lower left of BCD for routine deflation. To operate the dump valve, pull on knobs attached to the valve.

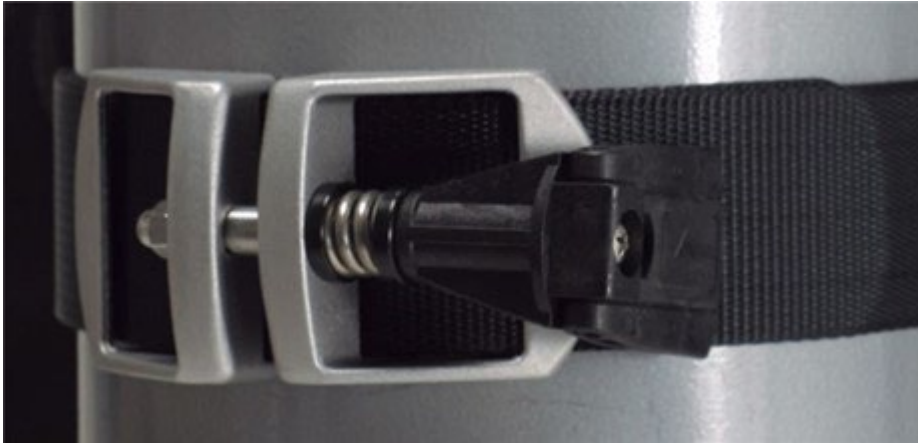
Elbow Dump



The Elbow dump sits on the left-hand shoulder. To operate the valve, pull the inflator unit attached to the corrugated hose. The inflator pulls on a cable running through the hose to operate the valve.

BIO Tank Lock

Secure your cylinder in seconds with almost no effort. Conventional tank strap designs require strength to secure. When the tank strap band gets wet the belt expands and the holding force diminishes. The Bio Tank Lock has 10 times more (100KG) tightening torque than conventional tank strap systems. The Bio Tank Lock tightening screw makes installation and removal a breeze. The heavy-duty spring automatically adjusts as the webbing loosens and contracts keeping your tank in place.

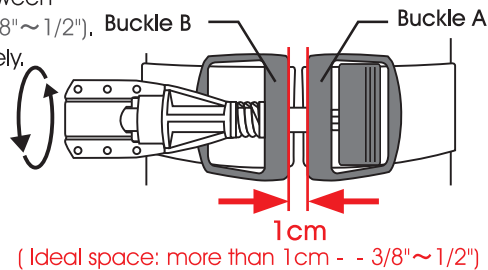


Tighten the belt by turning the knob until spring is fully compressed.

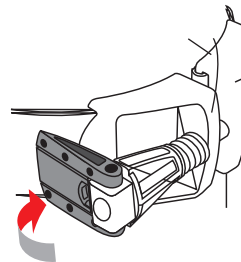
There should be only about 1 cm between

Buckle A and B (ideal space: 1 cm - 3/8" ~ 1/2").

Finally, confirm to hold the tank securely.



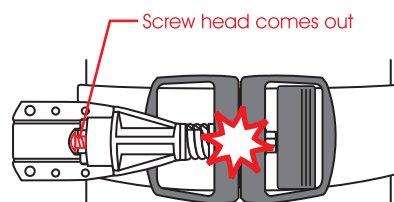
After setting up, fold the knob to face the tank in order to prevent it from disrupting the free movement of the diver.



CAUTION

Tightening the belt too much will cause damage to the knob.

Tighten the belt and adjust it to the same diameter as the tank.



Do not touch A and B buckle

- ◆ Body Material: Die cast aluminum
- ◆ Adjusting Knob Material: Acetal
- ◆ Adjusting Shaft Material SUS304
- ◆ Belt Length: 900 X 50mm
- ◆ Weight: 330g

BCD WING

The BCD comes with your choice of two different size wings. Each wing will fit the BCD back plate and harness.

Sizing & Buoyancy

Size	Hip Size (measured without suit)	Buoyancy (kg)
Small	84cm – 109cm (33" – 43")	6.5
Large	104cm – 135cm (41" – 53")	13.0

Weight of the BCD

The dry weight of the Travel Wing is less than 3kg (6.6lbs); this includes a set of empty weight pouches and low pressure hose.

WARRANTY

From the date of purchase until the expiry of the relevant period of time specified below for the product, Apollo warrants that our products will be free from defects in design, materials and workmanship. Apollo liability under this warranty is limited to the repair, replacement or refund of the product, at the discretion of Apollo. This warranty is subject to the 'Warranty Conditions' and compliance with the claim procedure set out below.

Warranty Conditions

Subject to the statutory guarantees that apply to goods and services purchased by Consumers (as defined in the Competition and Consumer Act 2010 for purchases in Australia), this warranty will not include or extend to:

- Defects or damages caused by improper use (including use outside of the recommended use or use of the product beyond its designed or intended purpose, improper maintenance, neglect, unauthorised repairs, modifications, accidents, fire or casualty.
- Fair wear and ageing of the product that occurs as part of its normal operation and use.
- Cosmetic damage(s), such as scratches, nicks and fraying, unless the product is new and such damage is notified to Apollo within a reasonable time of purchase.

Duration of BCD International Warranty

Two Years warranty from date of purchase for recreational diving activities.

No limitation on the number of dives during this period.

One Year warranty from date of purchase for commercial, military and rental purposes.

No limitation on the number of dives during this period.

The warranty will cover the original owner against all defects in design, materials and workmanship if the BCD is purchased from an Authorized Apollo Dealer.

Warranty claim

All warranty claims must be in writing and submitted to the place of purchase of the relevant product, together with details of the claim and proof of purchase as soon as the defect or damage has become apparent. You will also need to return, or make available, the product to the place of purchase for inspection. The cost of claiming the warranty is your responsibility.

Your Rights under the Australian Consumer Law:

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law when the product is purchased from an Apollo Australia authorised dealer in Australia. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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