

# DRYSUIT USER GUIDE

OCEANER SPORTING GOODS CANADA INC.

[www.oceaner.com](http://www.oceaner.com)

## **Thank you For your Purchase!**

Thank you for purchasing an Oceaner Drysuit! We use only the highest quality neoprene and materials, specifically chosen to provide the highest performance available. Our goal is to create a product that perfectly suits the needs of each individual customer.

Thank you for choosing us to be apart of your next diving adventure.  
Happy Diving!

## **Who We Are**

Oceaner's origins began as a dive charter business in 1977 focusing on the cold water, spectacular marine life, shear walls and 10 knot current swept passes. Photographers and divers from all over the world would spend 1-14 days with MV Oceaner diving from Vancouver and the Southern Gulf Islands, north to Hornby Island, Campbell River and Port Hardy. Then further up the North Coast to Haida Gwaii and Southern Alaska.

Today, Oceaner specializes in custom tailoring and made to order wetsuits and drysuits for various water activities including scuba diving, freediving and more. We offer a variety of standard designs, as well as extensive customization options, to cater to your specific needs. In addition to our suits, we also offer a full range of accessories. Our team is always ready to work with you to create a unique suit and accessory package that meets all your requirements. We take great pride in our handmade craftsmanship and strive to deliver the highest quality products possible. Each suit is carefully crafted to order, ensuring that our customers receive a tailored product that is just right for them.

Proudly made in Canada. 

# User Manual

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## DISCLAIMER

This manual is meant only as a guide and not a substitute for diving instruction and safe diving practices.

## WARNING

- This Drysuit is not just a suit but an important piece of your diving equipment; as such you must successfully complete a comprehensive drysuit diving course given by one of the recognized professional training agencies or by a suitably qualified instructor.
- All diving equipment must only be used by trained divers.
- Information on drysuits and all other types of diving can be obtained from your authorized dealer.

For your own safety and for the warranty to remain valid, maintenance, servicing and repairs must be carried out by authorized service workshops.

## WARNING

A buoyancy compensator must be used during all sport diving.

## DANGER

Diving in or around contaminated water (i.e. chemically, biologically or radiologically affected environments) is extremely hazardous. If you have any doubts about the suitability of the drysuit for such use contact the seller before you dive.

## **Introduction**

Even if you are an experienced drysuit diver we recommend you take the time to read this manual. If you have any questions about the use or basic maintenance of your drysuit contact your seller.

Your Drysuit has been made to exact specifications, undergoing rigorous quality control and testing with total traceability for all materials, labour and date of manufacture by means of a unique serial number marking. It is important to make a note of your drysuit serial number and quote it in all correspondence.

Regular maintenance is essential to ensure your safety and problem free use. Regular inspection and maintenance must be carried out for safety and warranty purposes (See warranty page).

If you sell or loan this drysuit, please ensure that this manual accompanies the drysuit and is read and understood by the buyer/lender before using the equipment.

### **Warning**

Failure to follow all warnings and instructions for use and maintenance may result in serious injury or in extreme situations, death.

## **Drysuits - Neoprene Suits**

Each drysuit is individually handcrafted by dedicated professionals who want to ensure you receive the finest drysuits available. All neoprene is tested and specifically selected for its outstanding heat retention and compression resistant properties, ultraviolet inhibitors and durability. A very technical gluing and stitching process has been developed to create strong watertight seams. Heavy duty drysuit zippers are used on each and every model. Critical stress points are bar-tacked (multi-directional cross seam stitch) for increased durability.

The drysuit provides limited thermal protection depending on the model. It is recommended to wear one or several layers of undergarments for additional thermal protection.

Drysuit boots can easily be damaged during normal diving excursions. The result can be cuts and abrasions in the boots that leak once submerged in water. The boots on your drysuit are designed and manufactured using a heavy duty rubber, and vulcanizing (baking) it into a neoprene boot. The vulcanized rubber completely surrounds the foot right up the ankle, much like a high top running shoe, providing maximum protection for this maximum wear area.

# Use of your New Drysuit

## **WARNINGS**

This information is a general guide only and is not a substitute for professional drysuit diving instruction. Please read the entire guide before use. Failure to follow the guide can result in serious injury or death.

This drysuit is intended for recreational and professional use and should not exceed the diver's qualifications and experience. Maximum recommended water depth: 100m.

A buoyancy compensator device (BCD) must be worn in conjunction with a drysuit. There is a risk that buoyancy of the suit will change depending on depth. The inlet valve is positioned to best accommodate most BCD's. This drysuit is not a buoyancy device or lifesaving device.

Undergarments must allow free airflow between the user's body and the deflation device.

Some materials used in this suit may cause allergic reactions.

## **Before Diving: (Pre-Dive Check)**

Check the general condition of the suit, paying special attention to:

**Drysuit** – Closely inspect the SEALS for cuts, cracks, and tears. Check the general condition of the suit, ensure it is free of cuts and puncture holes in the material and boots.

## Use of your New Drysuit

**Zipper** - Make sure that the chain is not broken, the slider slides free, that the inside of the teeth locking system is free of particles, ie sand, grit, undergarment fibers, etc. and that the two sealing surfaces are clean and not cracked.

**Low pressure inflator hose** – The drysuit should be inflated with air using a low pressure inflator hose. Check that it is correctly fitted to your air source, ensure it is in good condition and free of cuts and holes, particularly at crimped ends. Check that the quick connect coupling is free of sand and grit and the spring mechanism is working freely.

**Inlet Valve** – Check that it is fastened as tight as possible onto the suit with the base plate on the inside of the suit. Ensure that the main coupling nipple is in the correct position and securely fastened to the inlet valve. After connecting the inflate hose check that the valve is working correctly, that there are no air leaks and the hose is properly connected by tugging firmly on the hose. Check whether air flows into the suit and stops flowing when released. Should the inlet valve let in too much air, you must remove the inflator hose. An uncontrolled ascent may occur. When suit is not in use cover coupling nipple with cap. Keep valves clean and free of debris. Regular valve servicing by authorized service workshops is recommended.

**Exhaust valve** – Check that it is secure by tightening it onto the base plate from the inside. It is strongly recommended to check your valves before each and every dive outing. Check the exhaust valve by filling the suit with air then vent the suit, adjust the exhaust valve then vent the suit again. The exhaust valve is designed to vent excess air from the suit



## Use of your New Drysuit

by positioning yourself underwater so that the valve is in the high position. The amount of air pressure the valve will retain inside the suit is adjustable by rotating the exhaust valve. Adjusting the valve to a more closed position when on the surface (to retain more air) may make resting or swimming more comfortable. Ensure you understand the function and use of the exhaust valve before in water use. Keep valves clean and free of debris. Regular valve servicing by authorized service workshops is recommended.

Important Notice - Over time, neoprene will compress naturally and the valves on your drysuit could loosen. Drysuit valves should be tightened onto the drysuit especially before the 1st and 2nd dives of your new drysuit.

**Warning - Never fully close the exhaust valve underwater.** If the valve does not let enough air out, you must open your seals to let out air. An uncontrolled ascent may occur which in extreme cases may cause injury or death.

## Putting The Suit On (Donning)

Enter the suit through the zipper opening. Remove all jewelry. With the suit in front of you, facing forward, flip the upper body inside out to the waist level. Step into the suit. Pull the suit up to chest height. Do not put excessive force on the zipper ends. Insert arms and ease hands through taking extra care not to damage the seals with excessive force or fingernails.

Pull your suit above your head so there is enough space to get your head under the neck seal. Holding both sides of the neck seal push your head through.

Latex and push-through neck/wrist seals do not require tucking. simply push your head/hand through the seal. Tuck wrist/neck seals must be turned inwards or "tucked" approximately 1 1/2 to 2 inches. Talc powder or soapy water may be used to lubricate seals.

Adjust the neck and wrist seals so they fit closely without creases. Make sure there is no hair or clothing between your skin and the seal. Adjust the face seal - do not damage the face seal with fingernails. For suits with attached hoods and face seals, the face seal is the most easily damaged part, therefore take extra care when putting on or removing the hood.

To zip the suit - bring both arms horizontally in front of your body (with elbows bent). Ask someone to fasten the zip. Make sure they run their index finger along the inside of the zip in front of the slider to prevent clothing from becoming trapped between the teeth. If the slide sticks, pull it back slightly, wipe the chain with fresh water and apply lubricant to the teeth. Only pull the slider parallel to the zipper chain. Do not force the zipper.

## **Taking The Suit Off (Doffing)**

Ask someone to open the zipper all the way (in a slow controlled manner).

Unfold tuck seals. Gather the neck seal in your fingers and gently stretch the neck seal outward. Drop your head down and forward pull neck seal apart and pull it over your head with head in forward position. With free hand gently pull wrist seal away from wrist then pull hand through the seal and out of the sleeve.

When removing the suit be cautious not to step on seals or zipper.

## **Post-Dive Care**

Close the zipper and wash the outside of the suit, seals and valves with fresh water after each dive. Remove any stains with mild soap solution and warm water. Specially formulated cleaners are also available. DO NOT USE: solvents or solvent based cleaners or degreasers.

If any foreign particles have become attached to the zipper, remove them with a soft brush (e.g., toothbrush).

Open the zipper all the way and hang the suit to dry. Allow the suit to completely dry after each cleaning. NEVER leave your drysuit in direct sunlight, this may cause premature deterioration.

# **Maintenance and Storage**

## **Lubrication/Talcing**

Lubricate zipper with supplied lubricant. Metal zippers require paraffin wax or beeswax. Plastic zippers require specially formulated lubricant. After, operate slider a few times to distribute lubricant. Take care that only the outside of the teeth is coated. Should your suit come in contact with any petroleum products (oil, grease and some skin care products) it is advisable to take extra care and wash with a mild grease cutting detergent and a soft brush. Rinse with clean fresh water.

If applicable dust all latex parts with talc.

## **Storage**

Before storage of the suit, ensure the suit is clean and dry. If any seals show signs of degrading they should be removed or replaced. If degrading rubber comes in contact with a good seal it can contaminate and promote degradation of other seals.

Ensure that the zip runs freely and store with the zipper open. Store in a dry, clean, cool, and dark location either hanging or folded.

To fold the suit turn the boots inward and loosely rollup the legs and torso to the base of the neck seal. Bring the arms together over the top of the rolled suit so that the open zipper forms an arch. Slide the suit into a large, loose fitting bag and store it with nothing on top.

Drysuits should not be hung on narrow hangers for extended periods of time. Wide hangers designed specifically for drysuits are recommended.

## Repairs

We recommend having your drysuit repaired by an Oceaner Authorized dealer who is familiar with drysuit servicing. However Neoprene suits are “Field Friendly” and simple repairs can be made at home or even at the Dive site.

Puncture holes and small tears can be repaired with “Drysuit” cement (available at your local SCUBA dealer). Be sure that the area of attention is completely dry and clean. Follow the instructions as supplied with the Drysuit Cement product.

Please note that at the discretion of OCEANER SPORTING GOODS CANADA INC. home repairs and unauthorized repairs may void warranty.

# Warranty

## **OCEANER SPORTING GOODS CANADA INC. LIMITED WARRANTY**

OCEANER SPORTING GOODS CANADA INC. (OCEANER) warrants that for the original purchaser, your OCEANER drysuit (except for neck seals, wrist seals, zipper and valves) will be free from defects in materials and workmanship for a period of ten(10) years from the date of original retail purchase.

### **Component Warranties:**

- The exhaust valve, and the inlet valve will be free from defects in materials and workmanship for a period of one year from original retail purchase.
- The zipper, neck and wrist seals and boots will be free from defects in material and workmanship for a period of ninety (90) days from the date of original retail purchase.
- Any product determined by OCEANER to be defective in materials or workmanship in accordance with the above warranties will be repaired or replaced at the option of OCEANER, free of charge, when received at the factory freight prepaid, together with proof of purchase.

This warranty does not cover, and OCEANER shall not be liable for incidental or consequential damages.

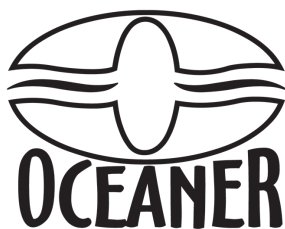
This warranty does not cover any damage resulting from misuse, abuse, neglect, alteration, failure to perform maintenance as instructed, damage caused by contaminants, or unauthorized repair or service.

This warranty does not cover any representation or warranty made by Dealers beyond the provisions of this warranty.

This warranty does not cover costs incurred for normal repair, inspection and preventive maintenance.

This warranty is a consumer warranty extended only to the original retail purchaser, and does not apply to drysuits used for commercial purposes.

Dealer Name	Service	Date



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