



DRYSUIT INFLATION SYSTEM



A COMPLETE SYSTEM

- **DUI Mini Regulator with Hose**
3/4" DIN with over pressure relief valve
and 36" inflation hose
- **6 cu ft Aluminum 3000 psi Cylinder**
with 3/4" DIN Post Valve
- **DUI MasterGrip Cylinder-to-Cylinder**
Mounting Straps

OWNER'S MANUAL



DRYSUIT INFLATION SYSTEM

Congratulations on purchasing your DUI Drysuit Inflation System. Properly used, it will make your diving more enjoyable. The DUI Drysuit Inflation System is intended for use by certified divers trained in the use of drysuits.

This manual includes the installation, operation and maintenance of the DUI Drysuit Inflation System. It does not replace the DUI Drysuit Owner's Manual. You can obtain a copy of the DUI Drysuit Owner's Manual by contacting DUI at 619.236.1203, toll free at 800.325.8439, e-mail CustomerService@DUI-Online.com or download from the DUI website at WWW.DUI-ONLINE.COM.

- Read instructions completely before using
- The DUI Drysuit Inflation System should only be used by an experienced drysuit diver who has mastered buoyancy control
- The DUI Drysuit Inflation System should only be used for its intended purpose
- The DUI Drysuit Inflation System is designed for use with air only
- The DUI Drysuit Inflation System First Stage is designed for use in a drysuit inflation system only. **DO NOT USE THE FIRST STAGE FOR A PURPOSE OTHER THAN THE INTENDED USE.**
- The DUI Drysuit System Cylinder should be filled prior to each dive

WHAT IS INCLUDED IN THE DUI DRYsuit INFLATION SYSTEM



!! WARNING !!

Drysuit diving is an acquired skill that requires specialized training, practiced under controlled conditions and adequate exposure time for the diver to adapt to open water diving in a drysuit system. Improper use or misuse of the DUI Drysuit Inflation System could result in exposure to thermal hazards, including rapid body cooling (hypothermia) resulting in stroke or seizure. The DUI Drysuit Inflation System is designed to be used with air only. Use of any other gas could cause a potentially hazardous situation, which if not avoided, could result in death or serious injury.

INSTALLATION OPTIONS

Single Scuba Cylinder



Double Scuba Cylinder



INSTALLATION

CAUTION

THOROUGHLY WET THE MASTER GRIP STRAPS PRIOR TO INSTALLING



- Install the MasterGrip straps on the drysuit inflation cylinder using the small loops of the strap.
- Position the top strap approximately 1" from the top of the shoulder of the cylinder and 1" from the bottom of the cylinder
- Tighten straps and lock in place with the Velcro closure
- Position drysuit inflation cylinder on the scuba tank on

the right or left side depending on preference. Using the large loop of the strap, attach the drysuit inflation cylinder to the scuba cylinder.

- The suit inflation cylinder should be positioned with the valve down
- Tighten the straps and lock in place with the Velcro closure
- For most single strap BC's, install the drysuit inflation system prior to installing the BC.
- For most double strap BC's, you will need to install the BC first, then the drysuit inflation system.



- For most configurations, first install the straps of the drysuit inflation system on the selected scuba cylinder, then install the BC. After you install the BC, then insert the drysuit inflation cylinder in the MasterGrip straps.
- Install the regulator onto the valve on the inflation tank taking care to position the hose for adequate routing to the drysuit inlet valve.
- Slowly turn cylinder valve on and check for leaks. Make sure that the valve is completely open.
- Connect drysuit inflation system hose to drysuit inlet valve. Test push the drysuit inlet valve three times to ensure proper operation.

Do you have a question or concern? Contact us!
You can reach DUI Customer Service at CustomerService@DUI-Online.com,
619.236.1203 or toll-free at 800.325.8439, Monday-Friday, 8am-5pm, Pacific Time.



DIVING

The main difference when diving using the DUI Drysuit Inflation System is the source of the air entering the drysuit. Please use all normal drysuit operating procedures when diving the System.

CAUTION

DO NOT DRAIN ALL OF THE AIR FROM THE DRYSUIT INFLATION CYLINDER. DOING THIS MAY CAUSE WATER TO ENTER THE SYSTEM.

POST DIVE

- Turn off the valve on the drysuit inflation system.
- Press to activate the drysuit inlet valve and bleed off all the pressure in the hose and regulator.
- Disconnect the hose from the inlet valve
- Remove the regulator from the system by unscrewing counter-clockwise.
- Remove drysuit inflation cylinder from straps
- Remove strap system from scuba cylinder

POST DIVE MAINTENANCE

- Rinse all components with fresh water
- Dry the system in a cool, dry place out of direct sunlight

STORAGE

- Store the system in a cool, dry place.

ANNUAL MAINTENANCE

- The drysuit inflation system regulator should be inspected and serviced by a qualified scuba regulator and valve technician on an annual basis.
- Like any scuba cylinder, the drysuit inflation system cylinder should be visually inspected on an annual basis.
- Like any scuba cylinder, the drysuit inflation system cylinder should be hydrostatically tested every five years.

RECOMMENDATION

If multiple dives are going to be made on the same day and facilities for refilling the suit inflation system cylinder are not available, the diver should consider purchasing additional cylinder/valve assemblies as needed.

- DUI PART NUMBER 302451

WARRANTY

DUI warrants that the DUI Drysuit Inflation System will be free from defects for a period of three (3) years from the date of original retail purchase.

Any product determined by DUI to be defective in accordance with the above warranties will be repaired or replaced at the option of DUI, free of charge, when received at the factory freight prepaid, together with proof of purchase.

This warranty is expressly in lieu of all other warranties. Any implied warranties of merchantability or fitness for a particular purpose are limited to the same duration as this express warranty.

This warranty does not cover, and DUI shall not be liable for incidental or consequential damages. Some states do not allow the exclusion or limitation of implied warranties, incidental or consequential damages, so the above limitations and exclusions may not apply to you.

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 preventative maintenance.

This warranty is a consumer warranty extended only to the original retail purchaser, and does not apply to systems used for commercial purposes. You must establish proof of purchase to obtain warranty service or replacement. Proof of purchase may be established by completing the Warranty Registration Card and mailing to DUI.

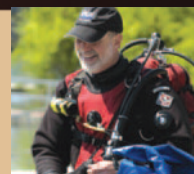
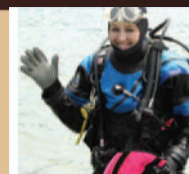
This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

REPLACEMENT PARTS / ADDITIONAL CYLINDERS & STRAPS

- 302450 Drysuit Inflation System, Complete
- 302451 Cylinder, 6 cu ft Aluminum 3000 psi with 3/4" DIN Post Valve
- 302452 Mini-Regulator with 3/4" DIN with over pressure relief valve and 36" hose
- 302453 MasterGrip Cylinder-to-Cylinder Mounting Straps



DRYSUIT
INFLATION
SYSTEM



UNLIMITED

FUN

Diving is all about adventure, friendship and FUN. All DUI

Drysuit owners are part of the DUI Owners Group –

DOGs. As a DOG, you are part of an elite group of divers who are dedicated to discovering what lies beneath and sharing that experience with others. You are today's true explorers. Visit the DUI website to register and learn more about special DOG-only events, rallies, demos and special trips.



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