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RG2015 Octopus Balanced Second Stage Regulator

Product description

The RG2015 octopus second stage regulator uses a conventional balanced downstream valve which provides better performance at depth. It is intended for use as an alternate-air-source. The second stage incorporates a dive/pre-dive switch that helps to prevent regulator free-flow, a replaceable cover that is available in black, blue, or green from your Dive Rite dealer, a 40-inch (102 cm) low-pressure hose, and comes standard with Teflon coated parts, which makes it cold water ready.



Specifications

Internal valve: Balanced downstream
Dive/Pre-dive switch: Reduces regulator free flow
Adjustment knob: Fine-tunes inhalation effort
Hose: 40-inch (102 cm) low-pressure
O-rings: Viton® o-rings with oxygen-compatible lubricant
Nitrox ready: To 40%

Using the external adjustment knob

Turning the adjustment knob clockwise increases spring tension, making it more difficult for the valve to open. This helps to reduce the tendency to free-flow in strong currents.

Turning the knob counter-clockwise decreases spring tension, making the valve easier to open. This reduces breathing resistance, but can increase the tendency to free-flow.

The best practice, when using this octopus is to leave the regulator set for maximum breathing resistance to prevent free-flow since the regulator is not in use.

Caution: Adjusting the knob for the maximum breathing resistance does not reduce the amount of air you breathe from your cylinder. It may actually cause you to use more air because your diaphragm has to work harder to compensate for the resistance.

This regulator has been tested by _____

Using the dive/pre-dive switch

The dive/pre-dive switch controls a venturi flow valve located within the second stage of the regulator. When in the pre-dive position this valve decreases the likelihood of free-flow when not in use. The dive position decreases breathing effort and improves regulator performance.

- Set the switch to the dive position before each dive.
- Set the switch to the pre-dive position when the regulator is not in use in or out of the water.

Replacing the cover

A black, blue, or green cover can replace the standard yellow cover. This must be ordered separately from your Dive Rite dealer.

To replace the cover:

1. Unscrew the metal ring from the outside of the regulator.
2. Remove the plastic cover.
3. Insert the new plastic cover. Make sure "Dive Rite" is oriented properly.
4. Screw the metal ring into place. Hand tighten only. Do not over tighten.

Maintenance

Your regulator will provide you years of service with proper care and maintenance. This involves post-dive care and regular professional service.

Post-dive care: After use, replace the dust cover. Thoroughly rinse the regulator in fresh water and allow it to thoroughly dry before storing it in a closed container. Do not hang or store the regulator in a manner that puts strain on the hoses.

Professional service: Over time, mineral deposits and salt build-up will accumulate on your regulator, which can adversely affect its performance. Professional cleaning and service is the only way to remove these deposits and return the regulator to its proper working order. Other regulator breakdowns can also occur whether the regulator is used or not, such as spring tension and o-ring breakdown. These too will affect the performance of the regulator.

To keep your regulator working at its best performance, you should have your regulator serviced at least once every two years or 100 dives by a professionally trained technician.

Important notice

Before using your regulator system components, there are several things you must do. These include:

- Obtain a minimum of entry-level open-water scuba diver training and certification from a recognized diver-training organization.
- As part of this training, you must master all the basic skills of regulator use, including proper assembly and disassembly of complete scuba units, including regulator, cylinder and harness, regulator second stage recovery and clearing, continuous breathing while on scuba, and post dive regulator cleaning and storage.
- You must read and understand this owner's manual and all other warnings that accompany the product. If you do not understand some part of this manual, contact Dive Rite or your local authorized Dive Rite dealer.

In providing this manual, we make certain common sense assumptions about your knowledge, skills, experience, and abilities. These assumptions include:

- That you are a certified scuba diver, whose training met prevailing standards of practice and included the proper assembly, use, and care of scuba regulators.
- That you further understand that the assembly and disassembly of regulator system components, and any repairs to or internal maintenance of such components, should only be performed by a qualified technician who is working under the supervision of an authorized dealer. In other words, anything requiring the use of wrenches, screwdrivers, or other tools is something an authorized dealer should be doing, not you.

Additionally, before using your regulator system components in open water, you should:

- Read and understand this manual in its entirety. There is very little, if any, information here that does not pertain to you. Don't risk missing vital information by picking and choosing the information you think applies to you.
- Practice using your regulator in calm, shallow or confined water before using it in more challenging conditions.

If you have questions regarding any of the information you find in this manual or have questions pertaining to information about your regulator system that you cannot find in this manual, contact your local authorized Dive Rite dealer. If there is no authorized Dive Rite dealer in your area, contact Dive Rite directly, using the contact information appearing in this manual.

WARNING: Failure to follow the instructions given in this manual or to heed the warnings it provides can cause equipment loss or damage, serious personal injury, or death.

Warranty information

Dive Rite warrants this regulator against any and all defects in materials and workmanship throughout its useful life. This warranty does not apply to normal wear and tear, mouthpieces, hoses, o-rings, diaphragms, filters, valve seats, or any cosmetic damage and is extended only to its original owner.

Although this warranty is not contingent upon any annual service, it is highly recommended that any and all regulators receive an annual safety inspection performed by factory-authorized personnel. Factory or authorized dealer servicing is required every 100 hours of dive time or every 2 years whichever occurs first.

This warranty applies only to regulators purchased from authorized Dive Rite Dealers.

Misuse, neglect, unauthorized service, as well as any modifications voids this warranty.

Dive Rite shall not be liable for incidental or consequential damages incurred through the use of this regulator. Some states in the U.S. and certain foreign countries do not allow exclusions or limitations of liability for incidental or consequential damages so this may not apply to you.

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

Activating and Utilizing Your Warranty

1. To activate your warranty, you must register your regulator within 30 days of purchase through our online product warranty registration. This is located within our website at www.diverite.com/warranty.
2. Proof of original ownership is provided by your purchase receipt and should be retained for your records.
3. To maintain your original-owner lifetime warranty, you must have your regulator serviced within the prescribed 100 hours of usage or two year time frame as outlined above. This service can be done at your local authorized Dive Rite Dealer or directly by Dive Rite.
4. If you intend to receive your service directly from Dive Rite, you must first obtain a Return Merchandise Authorization (RMA) number by calling Dive Rite at 386-752-1087. Your RMA number is to be printed on the address label of your package.
5. Your owner's manual has a service log for you to record all your service history. This log is used to verify your adherence to the required service schedule to maintain your warranty.