



## ***Hose Router Block System***



### ***Congratulations on your purchase of a Zeagle Teleoz Hose Router System.***

The Teleoz Zeagle Air Router System can improve the organization and safety of your BC and regulator air delivery systems and provide greater freedom of motion while diving. It can be used to organize any of the low pressure hoses that supply your primary second stage, octopus second stage, BC power inflator valve and drysuit inflation valves. The versatile "router block" can also feed low pressure air to tools or other devices as needed in some specialized diving systems.

## ***There are several key components to the Teleoz Zeagle Air Router System:***

**1. The Router Block.** This multi-port router distributes the low pressure air from your regulators' first stage to any device connected to it.

**2. The Router Block universal mount.** This mount allows versatile mounting of the Router Block System to the BC.

**3. The Regulator Swivel Fitting.** This fitting allows for your second stage hose to come up from waist level rather than from behind your head. This allows for much greater freedom of motion and puts the second stage hose in a position that is easier to reach.

**4. An Adapter Fitting.** This fitting allows the use of a conventional regulator hose to supply air to the Router Block. It is necessary in order to adapt the regulator hoses' thread to the industry standard UNF 3/8" thread used on the Router Block.

**5. A new hose is needed to replace your current BC inflator hose.** This hose is longer (Approximately 40") than the standard length to allow the hose to be hidden behind you in between the BC bladder and vest, run through the collar sleeve, and down the shoulder. This keeps the hose free from drag and entanglement, and makes your power inflator (or combination inflator/ regulator) easier to use.

**6. A new hose is needed to supply air to your second stage.** Since the second stage hose now comes up from about waist level rather than from behind your head, the correct length for this hose is somewhat dependent on your height. A standard length of 26" to 32" will fit most individuals.

## ***Important Points:***

- **Have your dive retailer do a professional installation.** The initial installation of the air router systems should always be done by an experienced BC and regulator technician.
- **Familiarize yourself with new gear before diving.** The user should have a complete understanding of the Hose Router's configuration before diving.
- **Do a pre-dive check.** Before diving, it is important that the BC should be assembled and donned complete with all equipment that will be used while diving, including the air cylinder. Check for any restrictions to movement, and make sure that the hoses are properly sized and positioned. Be sure router block, mount & hoses do not interfere with any other equipment you maybe using. The diver's head should be free to move with the second stage in the mouth without any pulling on the second stage hose.
- **WARNING:** Before diving in open water practice with the Hose Router System in controlled conditions (pool or shallow water) to become familiar with any part of your BC system that may be different than what you have used before.

## ***Initial Installation (See Illustrations on back cover)***

*These instructions are provided for informational purposes only. The Teleoz Zeagle Air Router System should be installed by a qualified service technician.*

1. Attach the universal mount to the BC such that the receiving pad is located in a convenient location. The universal mount can be attached to the BC with the plastic screw fasteners in various positions. The receiving pad may be mounted in the up or down position (or even on the divers left side) depending on the divers preference and/or the style of BC being used. The universal mount must be secure and reachable with hoses being used.
2. Position the router block (without any hoses attached) to the receiving pad on the universal mount. Turn the router block 90 degrees (one quarter turn) in either direction to lock it in place.
3. Attach a Scuba cylinder to the BC in the usual manner.
4. Attach first stage regulator to the cylinder valve in the usual manner with all low pressure hoses removed.
5. Use a 5/16" I.D. regulator hose to supply air to the router block. The 28" to 31" primary hose that comes with most regulators is fine for most medium and large size BCs. Attach the hose to a first stage port on the divers right side in the normal manner. Attach the other end of the hose to the adapter fitting (supplied with complete Router System) then attach the adapter fitting to the lower of the two ports on the side of the router block that is closest to the first stage. This hose can often be routed between the vest and bladder assembly for a neater installation.
6. Attach a BC inflator hose approximately 40" in length to the upper port on the router block that faces towards the cylinder. Feed the other end of the hose over the divers back, behind the neck area and down the divers left side to the BC's power inflator (or combination regulator inflator) valve. This hose can often be slid under the BC's collar or shoulder area for a neater and unobstructed path.
7. Attach a primary regulator hose approximately 26" to 32" in length to a port on the router block that faces forward of the diver. Attach the swivel elbow (supplied with complete Router System) to the other end of the hose, and then attach the swivel elbow to the primary second stage regulator in the usual manner.

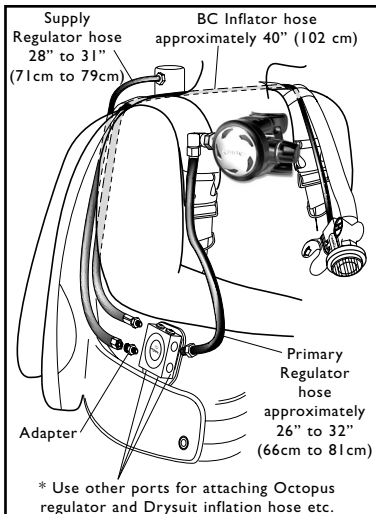
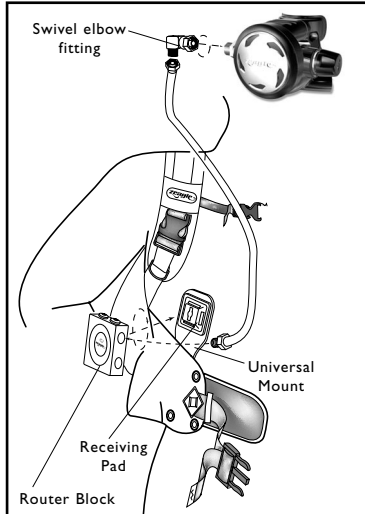
## ***Accessory attachment:***

Hoses for supplying air to a drysuit inflation valve can be attached to a port facing forward. A length of approximately 24" will work well on most suits.

Hoses for supplying air to octopus second stages can be attached to ports facing downward. The length for octopus hoses will vary depending on diver preferences, and can be stowed in the normal manner.

## ***Important:***

***When all hoses are installed and all unused router block ports are properly plugged, turn on the air supply to the first stage and check complete air delivery system for leaks.***



## A word of Caution:

Scuba Diving is an adventurous activity. It is also inherently dangerous. Even if you do everything right some risks are involved. We at Zeagle want you to minimize those risks by obtaining adequate training and following the recommendations of recognized certification agencies. Always follow manufacturer's recommendations as to maintenance of gear and dive well within your abilities.

Diving outside recreational limits, whether in caves, wrecks, deep diving, or professional and commercial diving, greatly increases risk. Much additional specialized training is required and even then these activities cannot be considered safe. Before embarking on such activities, obtain proper training, follow established safety guide lines, and ask yourself if the risks are worth it.

*Zeagle Systems, Inc. believes the specifications in this brochure to be correct at the time of printing. However, specifications, standard equipment, and options are subject to change without notice. Please ask your authorized dealer for advice concerning current availability of options. Ensure that your equipment includes any optional components you have ordered.*



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