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EX2744EQ Balanced Relief Valve

Product description

The Relief Valve is a hands-free urination internally balanced relief valve. The Relief Valve is made from heavy-duty delrin plastic for maximum durability. The Relief Valve comes standard with 24-inches (30 cm) of kink-resistant black tubing with a barbed end allowing easy connection to most condom-style male catheters (found in most medical supply stores, drug stores, or your local Dive Rite dealer).



Installing the Relief Valve

Note: Failure to follow installation instructions can permanently damage your drysuit. Read all of the instructions before attempting installation. Consult your drysuit manufacturer if installation service is requested.

To install the Relief Valve:

1. Determine the location where you want the Relief Valve on your drysuit.
2. Using a 5/8-inch (16 mm) punch, puncture a hole in your drysuit in the desired location.
3. Disassemble the Relief Valve.
4. Remove the two rubber gaskets that fit between the valve halves. Using sandpaper make one side of each seal slightly rough. This will give the adhesive a better surface.
5. Apply sealing adhesive (please consult your drysuit manufacturer for proper adhesive to use) to the rough sides of sealing gaskets.
6. Place a sealing gasket on the outside and inside of your suit around the hole created so that the adhesive contacts drysuit material. Be sure that the gaskets are aligned equally with the hole.
7. Use a clamp to apply pressure to seals and allow time for it to thoroughly cure.

TIP: Use a bolt (1/2-inch diameter), nut and two washers (1.5-inch to 2-inch diameter, same size as the seals). This makes a good clamp for Relief Valve installation. Each washer goes on the outside of the seals. **DO NOT USE THE RELIEF FOR THIS PURPOSE.**



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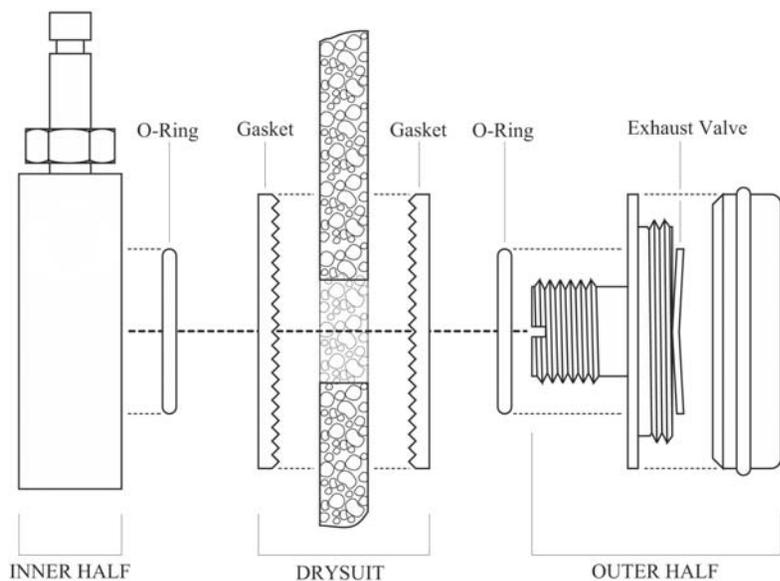
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Pre-dive preparation

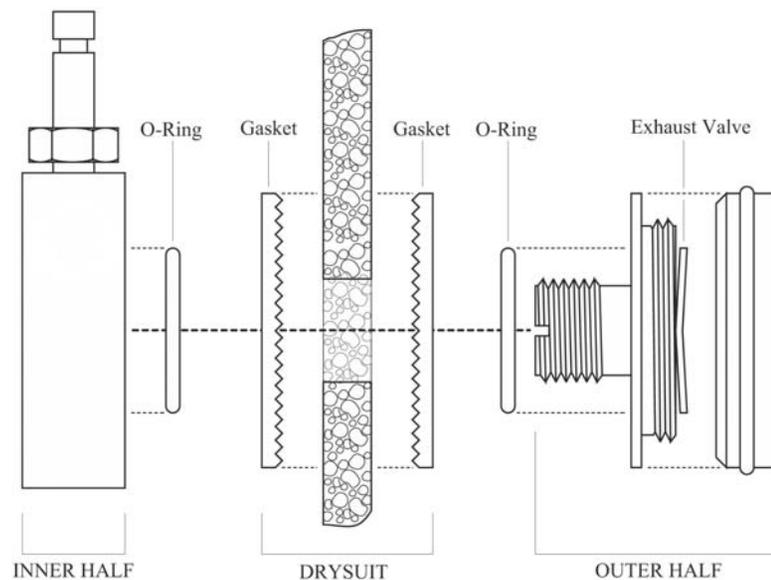
Before going diving with your Relief Valve, follow these instructions:

1. Connect one end of the supplied kink-resistant tubing to the valve nipple.
2. Obtain a condom-style male catheter (from your local Dive Rite dealer or most drug/medical supply stores).
3. Slide the catheter over the barbed end of the kink-resistant tubing.

Post dive maintenance

To keep your Relief Valve clean and in good condition, follow these instructions.

1. Remove the Relief Valve from your drysuit
2. Disassemble the outer-half of the valve (a slot is available to hold the threaded end. Do not use any tools on the threads to hold the valve).
3. Soak the three components in a mild disinfectant solution overnight. Be sure your disinfectant choice does not harm rubber components.
4. Remove the valve pieces from the solution and allow them to fully dry.
5. Reassemble the outer half of the valve.
6. Install the valve back into your drysuit as specified.



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