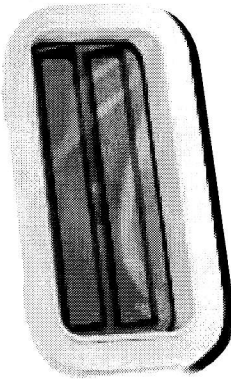


Port Accessories

Internal Rainshield (IRS Series)
Provide Constant Fresh Air for your boat.
Beckson's Internal Rain Shields allow windows to be left open and fresh air to circulate. Eliminates not only stagnant, unhealthy air, but also helps prevent mildew formation. No longer is opening a closed boat an overwhelming experience. Internal Rain Shields allow comfortable, healthy air flow during all warm weather conditions, including rain showers. Boat owners without Beckson Windows can install Internal Rain Shields too! Simply Caulk them in place and enjoy fresh air. Plus...eliminate the waterfall which may greet you when opening a non-Beckson window.

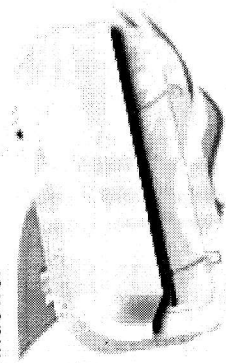
(Patented)

Open Louvered Designs For Maximum Ventilation. Heat Repelling Smoked Lens.



External Rainshield (RS Series) Rain and Shade Hood.

The external rain shield may be fastened by screws or by bonding to the exterior trim ring of opening ports. This will help to keep out rain, spray and provide shade. Projection from mounting surface on all sizes is 2-1/2" (6.3 cm). Vertical dimension of hood overall, 3" (7.6 cm) "Under the Hood" sizes to fit most windows.



Replacement Parts

Please retain the entire UPC label from this carton. Replacement parts can be ordered based on the information on the label.

Gasket Installation Instructions.

Remove old gasket by pulling out of groove. Before installing a new gasket make sure groove is clean and dry. Do not use any type of lubricant and make sure the screen is in place, smooth side facing toward you and leg down into inner groove, before installing the new gasket.

The part of the gasket that fits into the groove is the smaller, thinner part which is called the "leg". Start in between the two hinges by positioning the seam of the gasket over the outer groove of the window frame. Work from this location toward the top right corner. Guide entry of the leg of the gasket into the outer groove with your hand by bending the gasket out and away from the frame 90 deg. Pushing down firmly at the 90 deg point with your index finger or thumb will seat the gasket into the groove. Proceed slowly, seating 1/4" at a time. As you work around the corners, slightly stretch the gasket so extra material doesn't cause a crease or a bump. After seating the gasket around the first corner by hand, take the end of a wooden ruler or similar tool with a dull flat end and press down on top of the leg of the gasket to complete seating the first corner.

This is accomplished when the small ribs on the leg of the gasket are completely inserted into the groove. Continue on to the following corners in the same manner until the gasket is completely seated in the groove. Seating the last corner will require slight stretching of the gasket. If the gasket pulls out of the opposite corner, this indicates you need to go back to that corner and stretch the gasket a little more while pushing it down into the groove further.

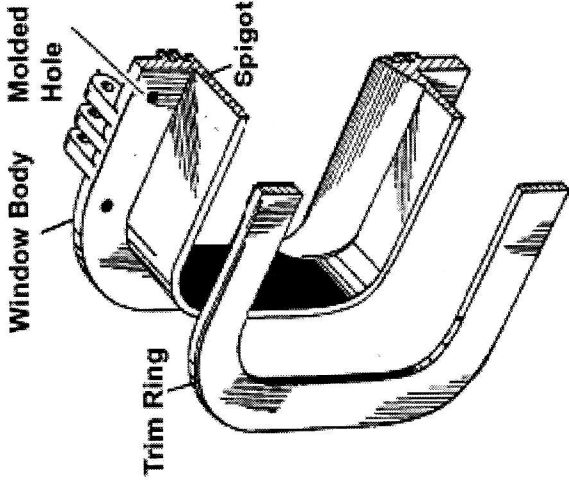
Take extra care to make sure the leg is completely seated near the hinges and latches. The complete gasket should now be smooth and uniform.

Note: These gaskets require some effort to install. A tight installation assures a water tight seal.

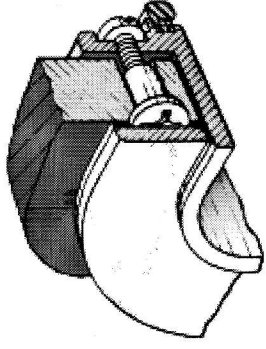
Beckson®

Beckson Port Installation Guide

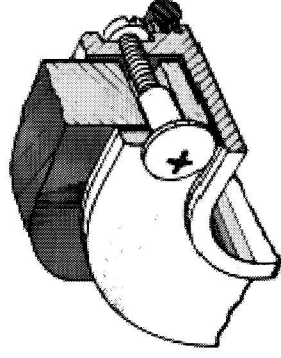
1. Be sure the hole-cut in the cabin wall allows 1/8" clearance for sealant all the way around the port. To cut a new opening where no port existed previously, use the trim ring as your template. Trace onto the exterior of the cabin wall and "take out the line" with your cut to allow the 1/8" clearance.
2. Prior to installation, lightly sand the outer surface of the spigot (that part of the window which passes through the cabin wall) and the underside of the trim ring where sealant will be making contact. Wipe off the plastic dust generated by the sanding with a clean dry cloth.
3. Use only #10 stainless steel pan head screws or bolts in the molded fastener holes in Beckson port bodies. Whether you thru-bolt with Beckson 10-24 Barrel Nuts (flush mount BB187-31F or truss head BB187-01,02) on the exterior, or install the port with self-tapping screws, will depend on the construction (thickness) of your particular cabin wall. Self-tapping screws may be used for ease of installation in solid hull construction of not less than 3/8" thickness. Thru-bolt installation is preferred.
4. Don't panic when you find that there are no fastener holes in your new Beckson trim rings. Installation with flat head barrel nuts countersunk into the outer wall or self tapping screws into the inner wall eliminates the need to drill the trim rings. With proper surface preparation and sealant application no fasteners are required to affix the trim rings to the exterior surface of the cabin wall. The sealant will suffice. To drill the trim rings for a truss head barrel nut installation, match with the body and drill through the body fastener holes (3/16" clearance), then enlarge the newly drilled holes in the trim ring to accept the barrel nuts.
5. Beckson recommends 100% Silicone sealant only, when installing Beckson ports. Follow the sealant manufacturer's instructions carefully and seal the window in place with its trim ring in a one-step operation, keeping in mind that uncured Silicone sealant will not adhere to cured Silicone sealant.



Flush Mount Barrel Nut Installation



Standard Barrel Nut Installation



For more detailed instructions please visit our website at <http://www.beckson.com>
You can also call us at 203-333-1412.

Beckson Port Installation Guide Comments

Some comments about installation of these ports on the Hunter Legend series boats:

Step 1: The original construction hole-cut did not allow for any clearance between the port and the fiberglass coachroof/deck so enlarging the opening (at least somewhat) to comply with the Guide would be advisable in order to provide more space for sealant. Because the coachroof overhead liner also has a cutout and there is a gap between it and the outside coachroof/deck, the only place where the cutout would have to be enlarged is on the coachroof/deck.

The inside of the Trim Ring has a 45° chamfer and it is recommended to match this on the outside of the coachroof/deck cutout for increased sealant contact.

Step 3: The barrel nut screws noted in the Guide are not recommend because the wood shown between the headliner and the coachroof/deck diagram is not installed 100% in all the ports. The sealant in Step 1 will have to be what will provide for a waterproof installation.

Additional note: The outside edge and the inside edge of the trim ring should not have any gap between the trim ring and the coachroof/deck or the port window body and should be thoroughly sealed because otherwise dirt can eventually work it's way in there.

Pay special attention to sealing around and under the rain drain area!

Replacement Bomar Ports:
Beckson Rain Drain™
Replacement Part No. P/N P0410DBS-20
4 x 10 Rain Drain Port

Spigot: 2" Body window
P0410DBS-20 Black Smoked [coach roof]
P0410DWS-20 White Smoked [aft cabin]

John Nantz