The SEA SURE SUPERSUCK bailer

Revolutionary self-bailer system for sailing dinghies.

Benefits:

Compared with the conventional wedge type bailer, its minimum operating speed is significantly lower, which means:

Higher pumping capacity
Less drag

Resulting in a drier, lighter and faster boat.

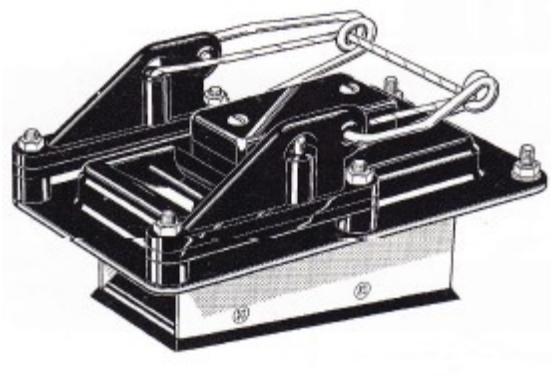
2 versions to suit all hull types:

19-92

The 19-92 Internally mounted version designed for hull thicknesses of 5 to 8 mm. This bailer is recommended for thinner sectioned composite (glass or carbon reinforced plastic) and plywood hulls.

19-90

The 19-90 externally mounted version is designed for thicker hull sections above 8mm.



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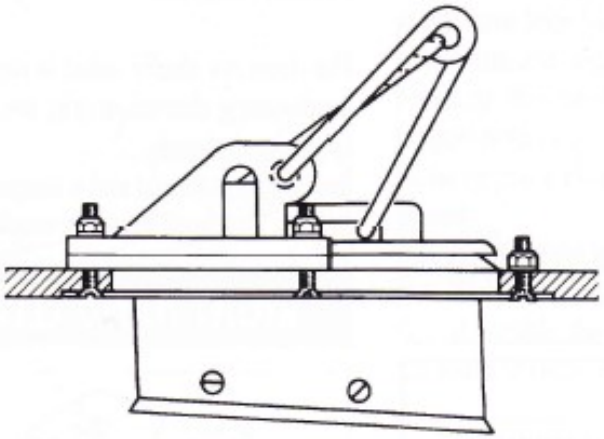
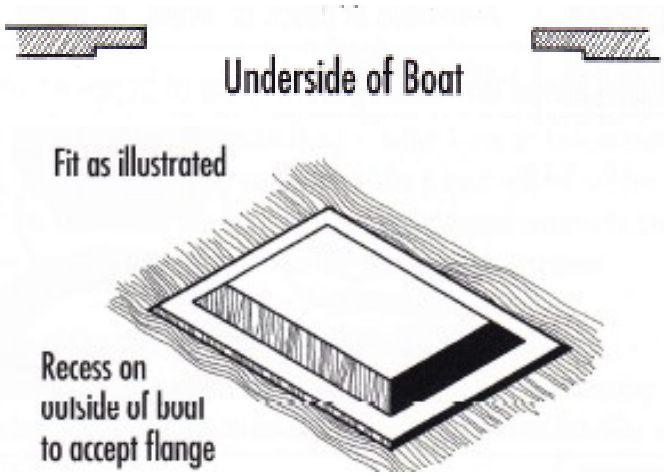
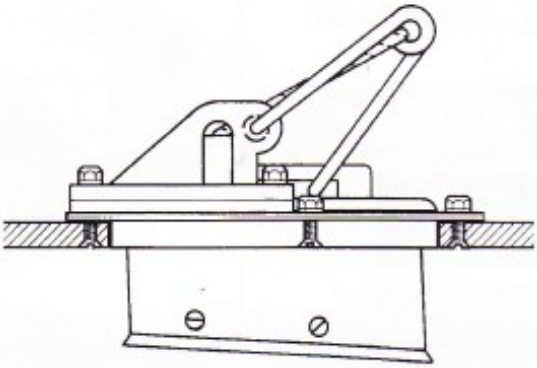
19-90 Externally mounted Supersuck Bailer



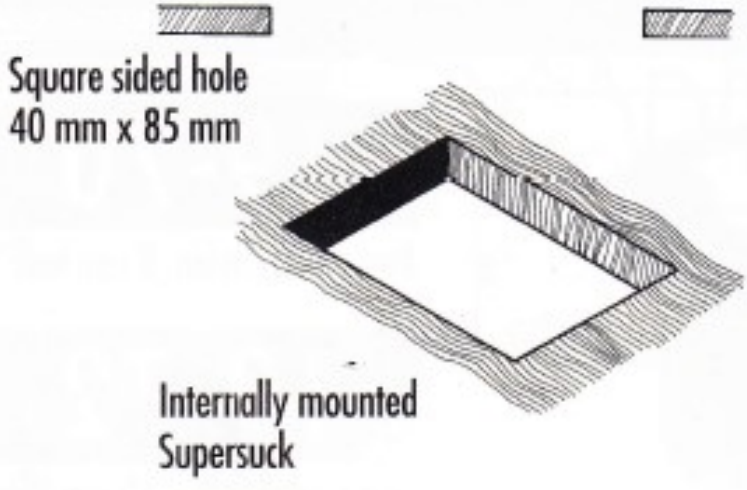
Flange size: 60mm x 105mm
Aperture size: 42mm x 86mm



19-92 Internally mounted Supersuck Bailer



Aperture size: 40mm x 85mm



Additional information on operation, fit and use of bailer:

The bailer is designed for a hull thickness of 5mm to 8mm. It should be placed, if possible in a position where it will not be stood on, and should also be close to the centreboard case on the longitudinal axis of the dinghy. Under the thwart or a few inches aft of the thwart is a good position.

Preparation of the bailer

Rotate the operating lever so that the bailer is 'locked' in its operating position, i.e. the duct protrudes down below the flange. Remove the two screws in the top cover plate and cover plate itself. Now rotate the lever in the other direction. Remove all six flange screws and remove the side brackets. The plastic washers can be discarded. Do not undo any of the side screws on the duct itself.

Cutting the aperture in the hull

Prepare an aperture 42mm x 86mm. Check that the flange with its gasket fits easily into the space. (For the externally mounted bailer only (19-90) cut a rebate on the outside of the hull measuring 107mm x 62mm x 2.5mm deep for the external rubber-coated metal gasket.) Place the chamfered flange in the aperture from the outside. Hold firmly in place and drill through the six holes for the retaining screws with a 3.5mm bit. Countersink these holes on the outside so that the flange rests against the hull. Score the hull with a sharp knife around the outside of the flange. Remove the flange and cut out a sliver of wood up to the score line and to a depth just greater than the flange thickness. Ensure that the flange fits easily and does not bind on the gasket, flange or the countersunk holes. Finally varnish or paint the exposed wood.

Fitting the bailer

Smear a film of sealing compound onto the wood and push the flange into position. The water passage in the top of the bailer should be at the front. Fit the two shorter screws in the back holes. The thickness of the packing should be adjusted so that the total thickness of the hull and the packing is about 9mm. Then fit the front and centre screws, packing side brackets and nuts. Rotate the lever so that it is 'locked' in the operating position and replace the top cover. The shorter of the top screws goes in the front hole. If the packing thickness is correct the operating lever will feel as if it exerts an equal force in both the up and down position. If this is not the case, adjust the packing thickness.

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