

SONIHULL



ULTRASONIC ANTIFOUL PROTECTION

SONIHULL INSTALLATION TIPS

To really get the best from the system there are 3 main considerations, if you follow these simple rules you will get the maximum benefit from the system.

1. Location location location.

The transducer needs to be mounted on an obstruction free area below the water line and on the inside of the external skin. To enable the transducer to create resonance it must be away from any bulk heads, bracing, ribs etc, ideally in the centre of a panel and not closer than 300mm from any obstruction. - Compare this to the skin of a drum, to make the best noise you would hit in the middle, not at the edges, transducers need the same consideration.

2. Installing the transducer mounting ring.

The Transducer needs complete face to face transmission, and that means flat-flat-flat, not curved, bowed or rough- only flat will work, also ensure that there are no drips of glue inside the ring. A little pimple of glue splash can hold the transducer off the surface by just 1mm. That air gap is enough to stop any signal transmission. If there are any concerns that the surface is not flat, follow the manual for using the aluminium disk as a problem solver.

3. Applying the Vaseline.

The transducer needs to have a smear of vaseline on the face to ensure correct transmission, - just a smear, the thickness guidance would be like putting butter on bread, so that good contact can be made. Dont put too much that the signal is insulated, as the transducer face will not get close to the surface. As good practice when you first screw in the transducer, nip it up firmly by hand, (not mega tight by the hand of Goliath's big brother). Then remove the transducer and observe the swirl marks of the vaseline on the face of the transducer, and look for the wetting on the hull inside the ring. This will give you a clear indication to the quality of the surface contact.



EASY TO INSTALL

NO HULL PENETRATION REQUIRED

GET IN TOUCH

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