



NMEA-2K

# SR Series Interceptors

Rev.: [B]



## **Disclaimer**

The interceptor units are also steering equipment and it is the sole responsibility of the navigator-operator to ensure that, at any point, any problem that will alter the vessels's course, rising from malfunction of interceptors, should be dealt immediately by the operator.

Under no circumstances, fault of our interceptor equipment leading to any kind of accident, creates liability for the manufacturer.

## **Trademark Notice**

HydroTab is a registered trademark of Olympic Engineering Ltd, Greece. All other trademarks, trade or company names referenced herein are used for identification only and are property of their respective owners.

## **Patent Notice**

HydroTab products are protected by patents and industrial design patents, patents pending or design patents pending.

## **Declaration of Conformity**

This product conforms to the following Electromagnetic Compatibility (EMC) regulations and standards for use in marine environments:

**CE EN 60945**

## **Technical Information and Documentation**

The technical information provided in this document was accurate and correct at the corresponding production time of the HydroTab interceptors. Our operating principal for improving the manufactured product, may lead to changes regarding its specs, without prior notice. Liability will not be held for any inaccuracy, considering the product and the user manual.

## **Fair Use Statement**

This manual can be printed or copied for private use only. Copies should not be provided to third parties and manual should not be commercialized.

## **Product Disposal**

Waste removal of this product must be done, according to the Waste Electrical and Electronic Equipment (WEEE) Directive.

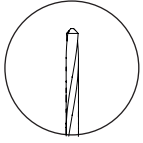
## **Product Registration**

Please register your product online in order for the warranty to be valid.

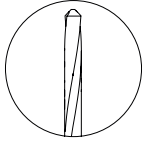
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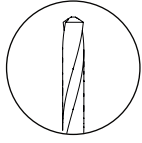
## REQUIRED TOOLS FOR INSTALLATION



Drill Ø4



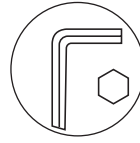
Drill Ø5,5



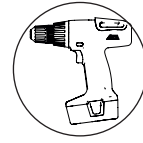
Drill Ø8,5



Philips  
Screwdriver



Allen Key No.5

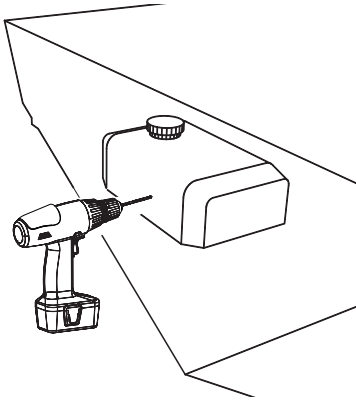


Drilling Tool

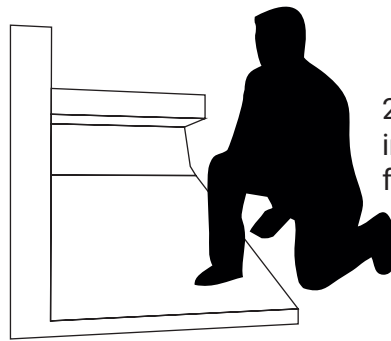


Sikaflex Gun

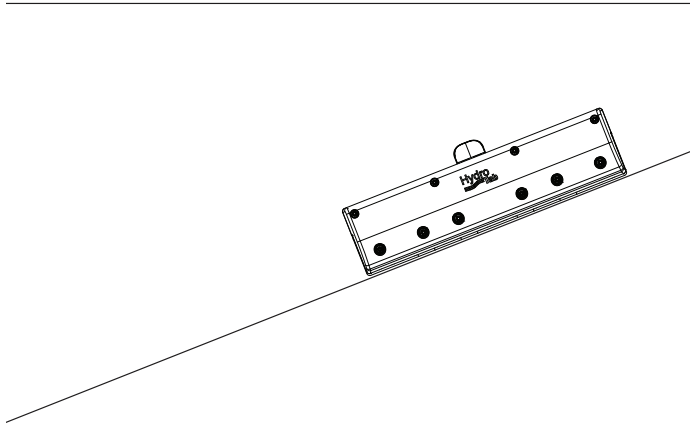
## BEFORE INSTALLATION



1) Make sure there are **no obstructions behind the drilling area** (tanks, fuel lines, cabling) which can be damaged or prevent the installation procedure.

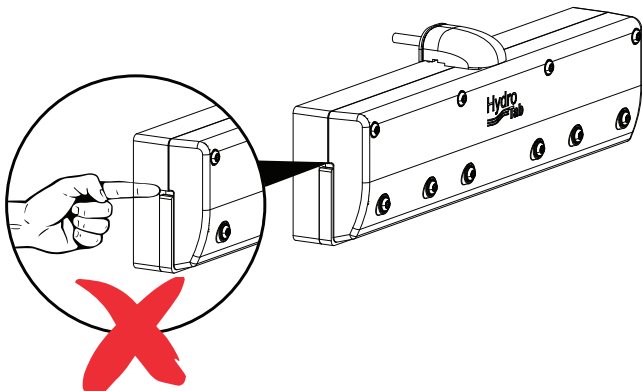


2) Make sure the pipe insertion hole is accessible from the engine room.



## PLACEMENT TIPS

- 1) The closer the interceptors are to the water line, the better the vessel's bank control will be.
- 2) It is always more efficient to place the interceptors close to the chine.

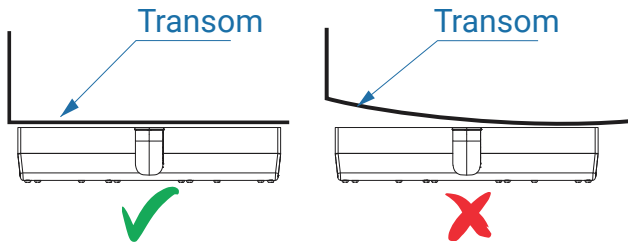


## SAFETY PRECAUTIONS

For high speed boats, over trim may cause unexpected turn. Improper use of the trim tabs, may result to accident or injury.

**DO NOT PLACE YOUR FINGERS ON THE SIDES OF THE INTERCEPTORS!!**

## PROPER INTERCEPTOR POSITIONING



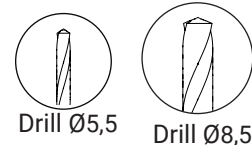
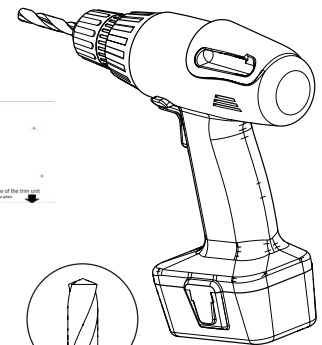
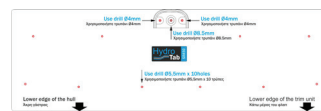
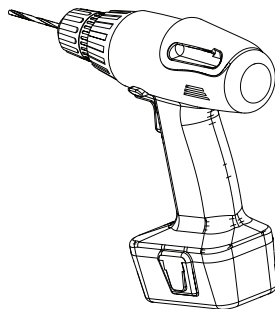
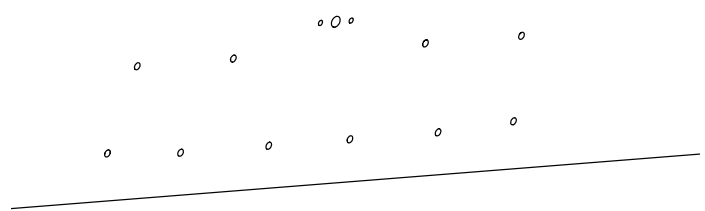
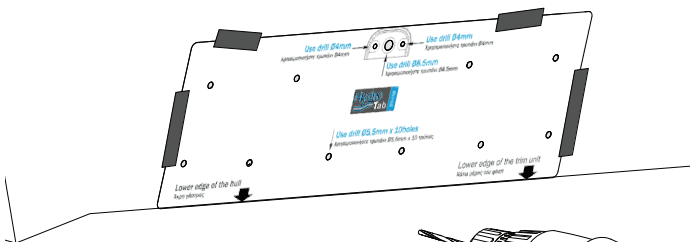
If the boat's transom has a significant curvature, it is necessary to create a flat plane for the installation.  
**Acceptable flatness tolerances: 2mm.**

For aluminum hulls, it is suggested to install Isolation Plates between hull and interceptors  
 You can find installation instructions in the Isolation Plates Kit.



For maximum performance and less drag, install interceptors on the transom so blades deploy **vertically**.  
 If the transom is not vertical to the water plane, correct the angle, by using wedges or other means.

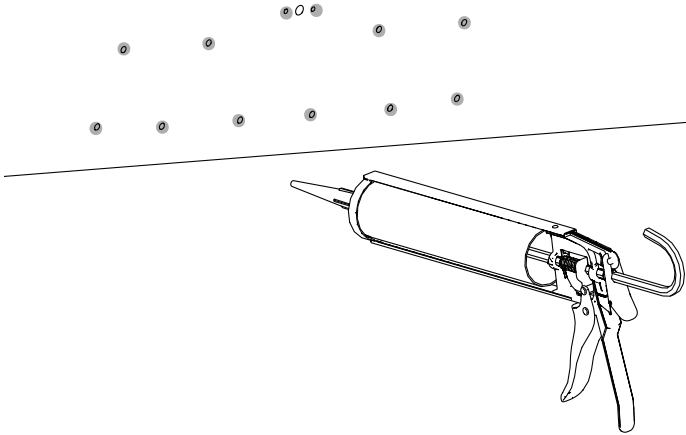
## INTERCEPTOR INSTALLATION



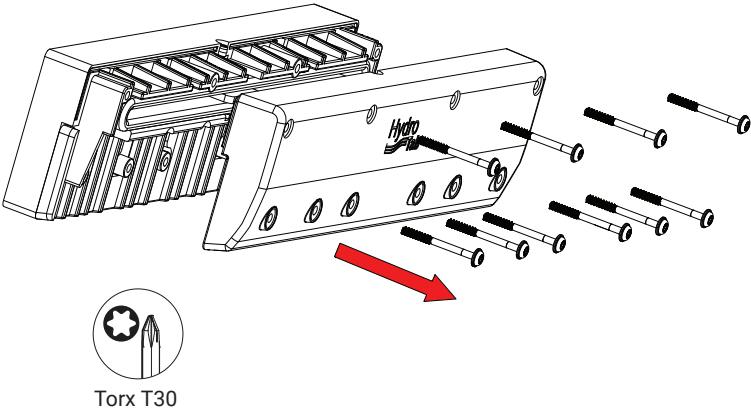
1) Place the drilling pattern to the desired surface & drill all the holes, with 4mm bore.

2) Remove the drilling pattern and drill, according to the pattern instructions.

# INTERCEPTOR INSTALLATION



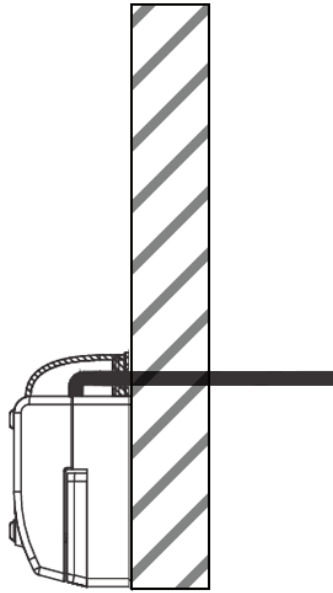
3) Apply Sikaflex 291 to the holes.  
Use a spatula to remove excess glue from the holes.



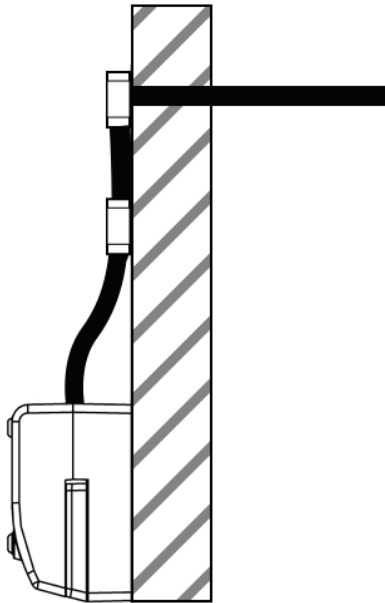
4) Remove the screws, and open the interceptor.

## AIR SUPPLY

The connection of the Air Unit with the SR Interceptor Series can be done in **two ways**, as shown in the figures below:

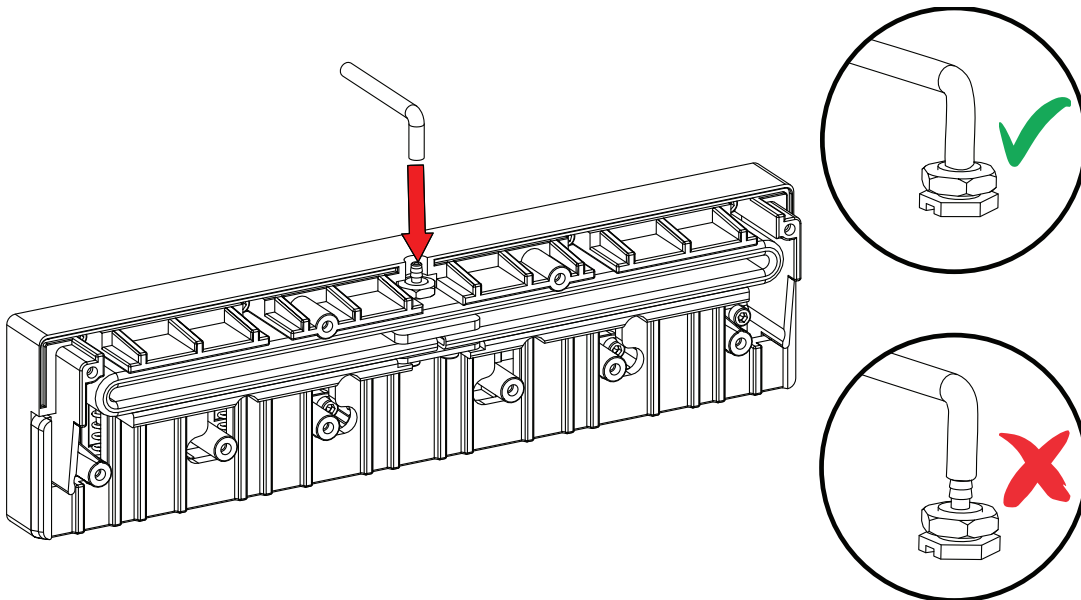


**Option 1: Direct Air Supply**  
Instructions on Page 7

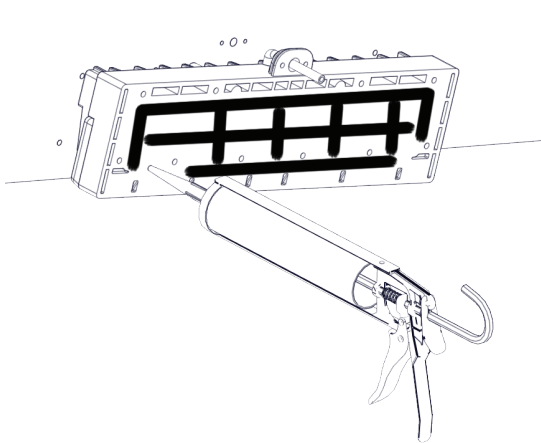


**Option 2: Indirect Air Supply**  
Instructions on Page 8

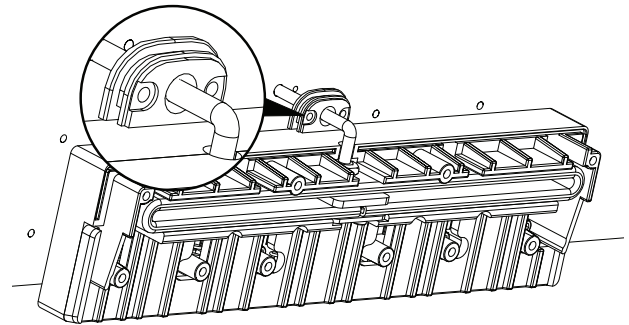
## INTERCEPTOR INSTALLATION: DIRECT AIR SUPPLY (A)



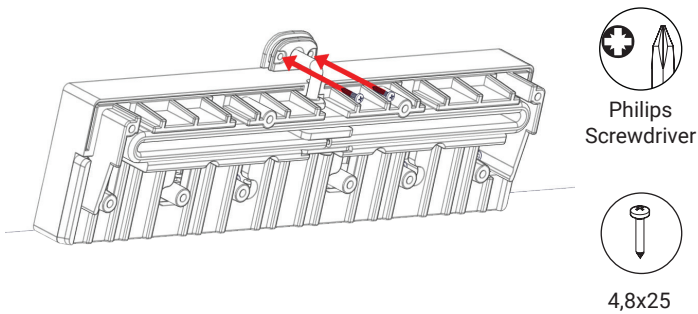
5A) Mount the preshaped angled hose. Make sure the end of the tube is inserted completely, so that there is **no visible gab between the end pipe and fitting body**.



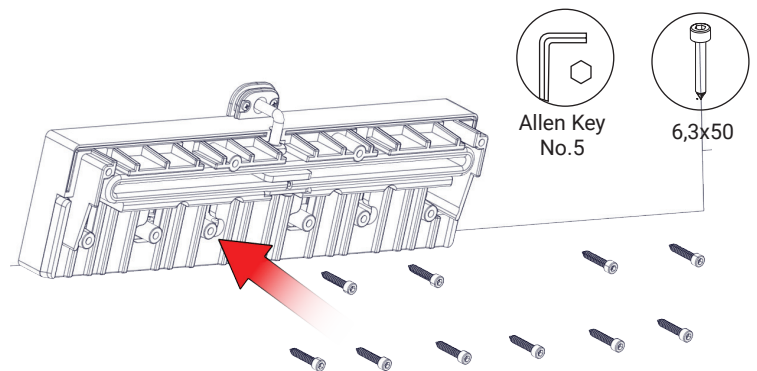
6A) Apply Sikaflex 291 on the interceptor.



7A) Mount the angled hose to the drilled hole.

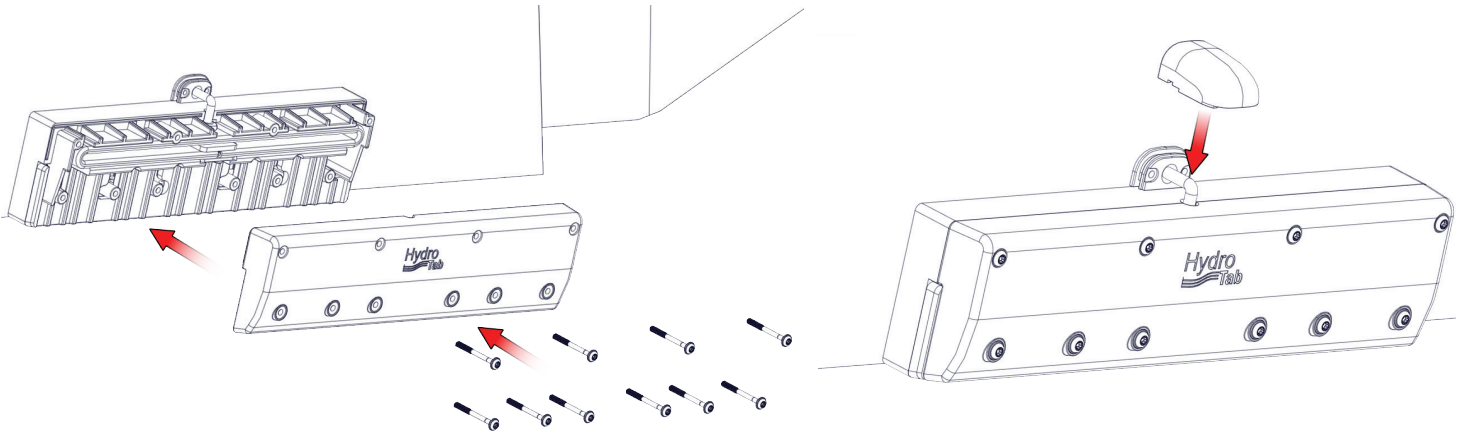


8A) Mount the cap base to the transom.



9A) Mount the interceptor to the transom.

## INTERCEPTOR INSTALLATION: DIRECT AIR SUPPLY (A)

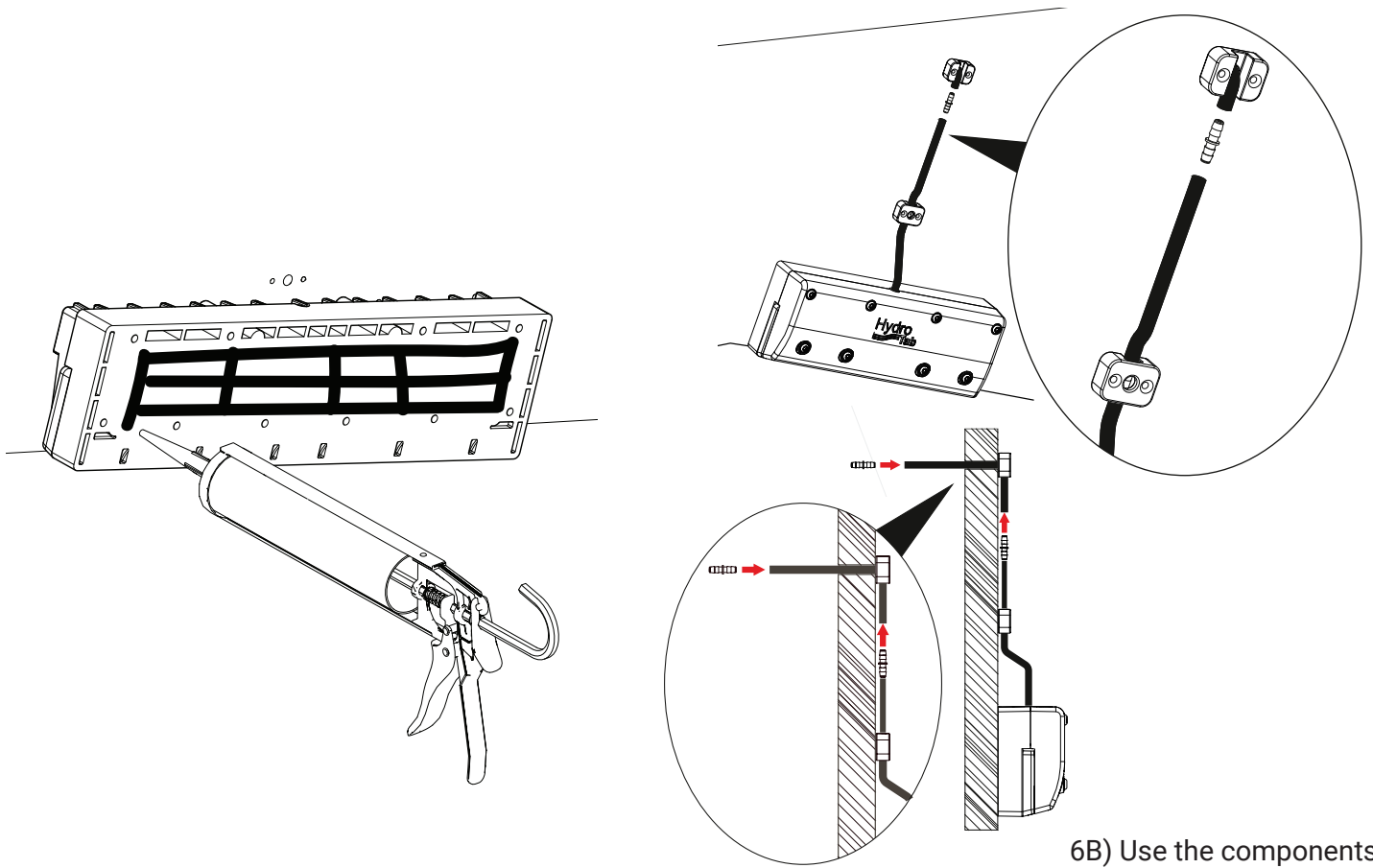


10A) Mount the front cap and tighten the screws.

11A) Mount the cap.

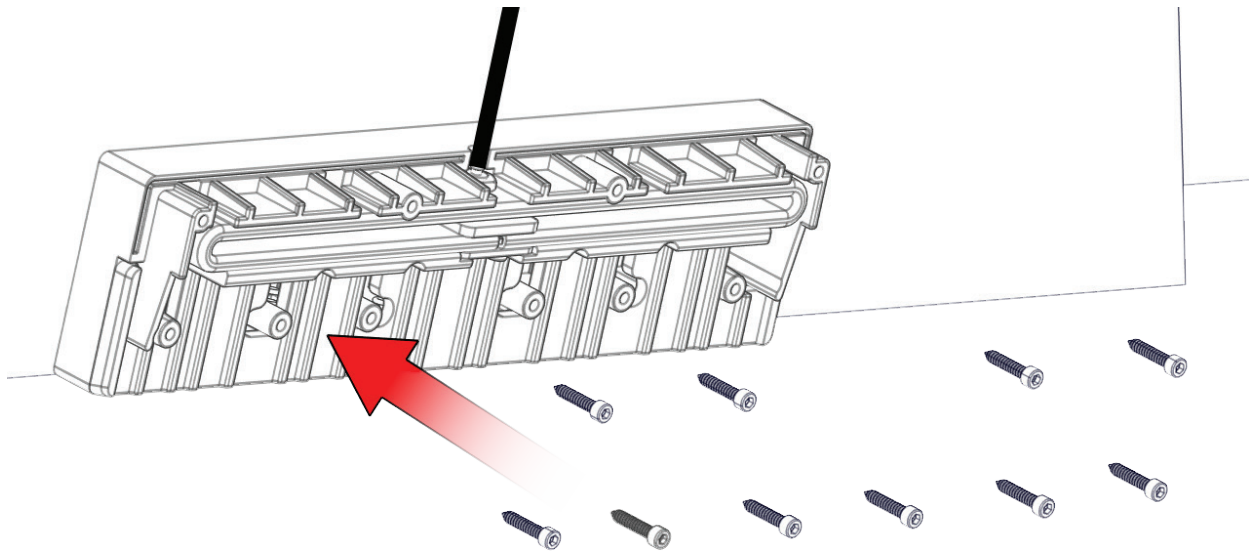
## INTERCEPTOR INSTALLATION: INDIRECT AIR SUPPLY (B)

If you wish to install the interceptors with indirect air supply, use the following instructions.

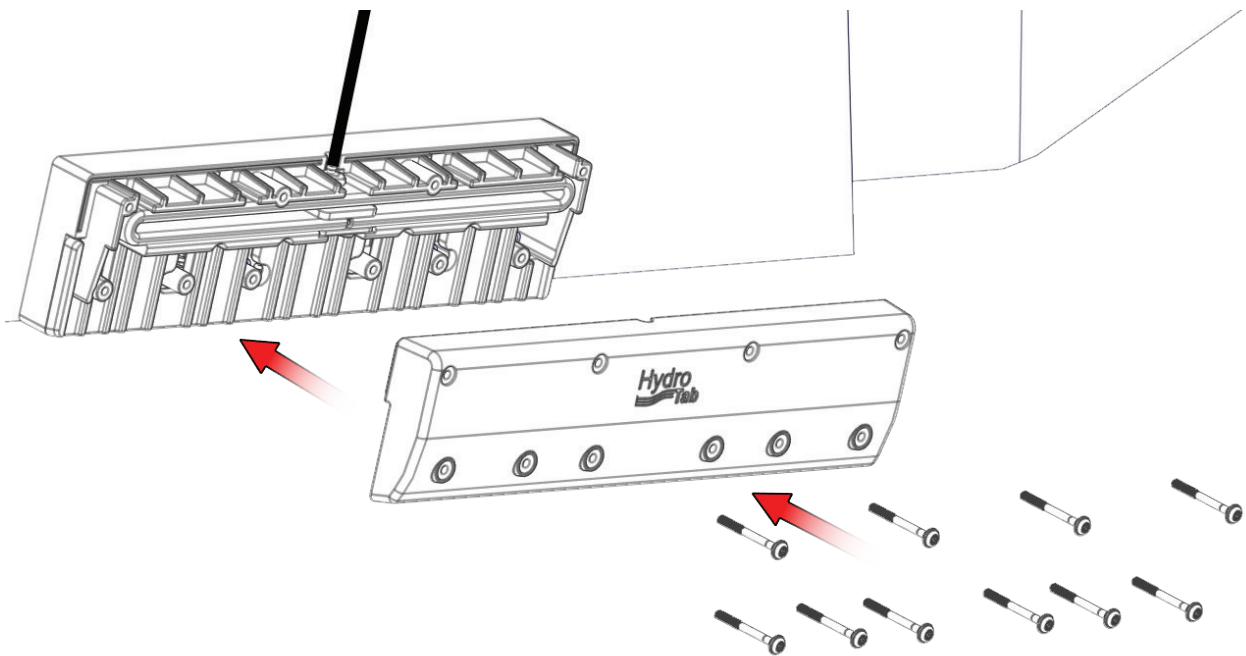


5B) Apply Sikaflex 291 on the interceptor.

6B) Use the components included in the Installation Kit, to install the interceptors, as shown on the image above.



7B) Mount the interceptor to the transom.



8B) Mount the front cap and tighten the screws.



## WARRANTY CONDITIONS

FW, TS and BT Series Interceptor Units (**NOT complete systems**) are covered by a 5-year Warranty.

SR Series Interceptor Units (**NOT complete systems**) are covered by a 2-year Warranty.

Recoil springs, electrical/electronic parts & devices are covered by a 2-year warranty.

**Anodes (consumables) are not included in the warranty (for BT, FW, TS Series).**

**HydroTab's warranty only covers the costs of repair or spare part replacement.**

It is the sole responsibility of the buyer to choose the correct system, and even after HydroTab's suggestion for a system, the overall responsibility lies to the end buyer.

Provided that the system is installed, according to the provided installation manual, and no damage has been caused, due to improper handling or practices, HydroTab will replace any defective or improperly manufactured parts, within the applicable warranty period.

HydroTab only covers the parts' replacement. **Fitting or shipping costs are not covered by warranty.**

**HydroTab will decide if the company will repair or replace any given part.**

Repaired or replaced products will assume the remainder of the warranty time and **under no conditions will the full time of warranty be renewed.**

Limited warranty period is two (2) years, starting from the date the product ships out from HydroTab's premises.

Extended limited warranty period is provided in case:

- a) *HydroTab trim system is included as equipment of a newly purchased boat directly by from the boat builder or his reseller.*
- b) *HydroTab trim system has been purchased through an authorized Hydrotab dealer.*

The extended limited warranty period is valid for three (3) years from the shipping date, provided that the customer has downloaded, filled & submitted the online registration form within one month (30 days) from the purchase, from the following URL:

**<https://www.hydrotab.gr/product-registration>**

In case the dealer sells separately Interceptor Units, Air Units and/or Controller Units, that comprise a full system, which is not initially sold (as a complete system) by HydroTab, the dealer has the responsibility to provide the individual Serial Numbers for the Interceptors, Air Units and Controllers, as well as to guide the end user for their proper registration, in order for the extended warranty to be valid.

The authorized dealer is responsible for the product's service.

For any service and/or part replacement during warranty period, it is necessary to provide the original invoice.

For the replacement of any part of the system (Interceptors, Air Units, Controllers etc.) under warranty, the replaced parts must be returned to HydroTab Marine Engineering for inspection, otherwise the warranty is not valid.

Cost of dismantling / assembly and spare parts transportation is borne by the user.

The warranty does not foresee, under any circumstances, replacement of the complete HydroTab system.

### **What the warranty does NOT cover:**

a) *Damage caused by the lack or non-replacement of worn anodes (applies to BT, FW, TS Interceptor Series).*

b) *Damage caused by improper installation and/or use not consistent with the manual.*

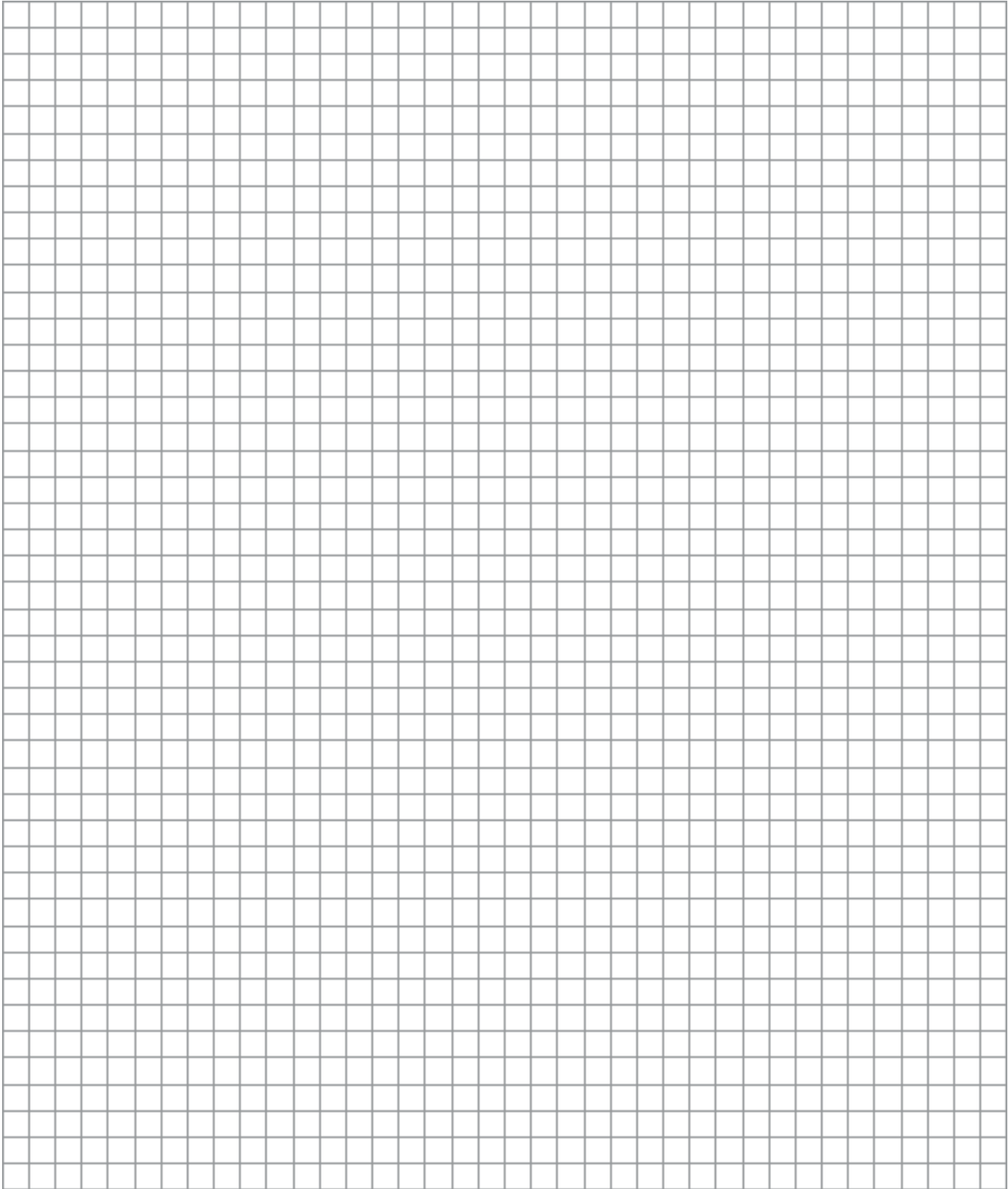
c) *Damage with external visible deformation of the product caused by misuse of the user or other external causes.*

d) *Damage to any component caused during transportation, installation or repair from non-authorized personnel.*

e) *Conversions or modifications made after the initial sale.*

N. Triantafyllis Ltd (HydroTab Marine Engineering) is not liable for any incidental, indirect or consequential damages or losses, including, without limitation: travel expenses, transport, lifting & hauling, costs, loss of income, time, property, and/or profits, personal injury or damage of any products, different from those that the company distributes. Any further (except the above mentioned) commitment of the intermediate dealer regarding the sale terms or servicing of Hydrotab products does not create any liability of our company.

**NOTES**

A large rectangular area filled with a light gray grid pattern, intended for taking notes.



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