



INSTALLATION INSTRUCTIONS – TITANIUM RIB

<https://www.youtube.com/watch?v=m9GWX8jxVI&list=PLUHZd5M7mgEO2gc88e47hIWAvl3HzSipy&index=5>

Before installation:

- Check so that product will fit the intended boat; seat and deck/console.
Surfaces should be flat. Otherwise, extra efforts and craftsmanship are required to make it fit and perform properly.
- Also make sure that the final seat height will be similar to previous installation, if that was to satisfaction.

INSTALLATION:

1. Check

Make sure that surfaces are flat, clean and suitable for mounting. Check that product is all OK and without damages.

2. Measure and Mark

Measure and decide on a suitable position underneath the seat for the seat mounting plate, and on the deck/console for the bottom plate.

Note I: Make sure that the mounting plate is as much in the seat/occupant weight center as possible.

Note II: Make sure the seat can move as desired.

Note III: Make sure the seat center will end up in the correct position!

DON'T USE THE BOTTOM PLATE HOLE PATTERN FROM PREVIOUS INSTALLATION AS REFERENCE!

THEY MAY NOT BE CENTERED THE SAME WAY!



If there are holes in the deck/console from previous seat mount – make them water-proof with a high-quality marine compound.

3. Attach plate under seat

Fasten the seat mounting plate under the seat.

Use suitable pre-drilled holes in the seat mounting plate, as far from each other as possible.

At least four(4) screws should be used – one in each corner - and have good grip in the seat.

4. Attach bottom plate in the deck/console

Most – but not all – modern boats have an aluminium plate laminated into the deck construction, for seat mounts to be fixed in.

Some have a marine plywood or similar laminate.

Check this with the boat manufacturer, if in doubt.

If aluminium plate; drill holes and use a tap to make threads for the chosen screw type.

High quality, self-threading screws also work, if installed accordingly.

If there is nothing solid to fix screws in, fit suitable washers and lock-nuts on screws under deck/console.

If there is limited access to under deck/console, 4S has stainless steel inserts that can be used if GRP thickness is minimum 4mm.

Spread generously with a suitable, marine bedding compound between the bottom plate and the deck.

It will work as glue, leak-preventor and insulator.

Fit and tighten screws well.

Finally:

Make sure all screws are tightened and locked.



Tools and material needed:

- Tape measure
- Marker pen
- Fastening elements adequate for your specific seat, deck/console, and the bottom plate
- Bits and spanners, fitting above fastening elements
- Drilling machine with drill bits fitting above
- Screwdriver/-machine
- Tap-/threading tools, if embedded aluminium plate
- Marine bedding compound (glue gun, spatula)