



## INSTALLATION INSTRUCTIONS – LOW PROFILE PLATE

<https://www.youtube.com/watch?v=5J4iHIDjzQ&list=PLUHZd5M7mgEO2gc88e47hIWAvl3HzSipy&index=3>

### **Before installation:**

- Check so that product will fit the intended boat; seat and 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 console for the round 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 that the adjustment levers can be reached while sitting in the seat. Chose levers to be on right or left side on the seat.

**Note II:** Make sure the seat can move as desired; Fore/aft, turn.

**Note III:** Make sure the seat center will end up in the correct position! Set any fore/aft sliding options in the middle.

**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 console from previous seat mount – make them water-proof with a high-quality marine compound.

### **3. Slide plates apart**

Pull out and hold the Slide lever and separate the seat mounting plate from the screwed-together square base plate and round bottom plate.

### **4. Attach plate under seat**

Fasten the seat mounting plate under the seat.

Fastening element through the seat mounting plate should NOT stick out more than Maximum 6mm (1/4') from the mounting plate surface.

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.

### **5. Attach round bottom plate, with distance washers, in the console**

Match the access-holes in the base plate with the countersank mounting holes in the round bottom plate – to access console for first markings. Drill, and screw through the distance washers.

Most – but not all – modern boats have an aluminium plate laminated into the deck/console, 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 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 distance washers and the console.

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

Fit and tighten screws well.

**Note!** USE ONLY SCREWS WITH COUNTERSINK HEADS! The heads should stick up Maximum 2mm / 5/64' from the round bottom plate!

## **6. Join seat and base plate**

Carefully fit the seat mounting plate's guiders onto the base plate.

Avoid forcing or bending.

Pull out and hold slide stop lever, to allow base plate to slide in.

Release lever when the base plate and guiders are centered.

## **7. Stop-screw in!**

From the side of the mounting plate; turn the guiders' stop-screw all the way in, without using force.

This will prevent seat from sliding out of position, with risk for injuries.

## **8. Fasten Swivel lever (– if any)**

Put the wire cable in the mounting plate groove and screw the lever plate onto the mounting plate with accompanying screws.

## **Finally:**

Make sure all screws are tightened and locked.



Check so that all adjustment possibilities work and lock, and that there are no major gaps in the system.

## **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)
- Hex-/Allan keys: H5 and H4, long handle type