



## INSTALLATION INSTRUCTIONS – TITANIUM SWIVEL

<https://www.youtube.com/watch?v=tRrOVHtn08o&list=PLUHZd5M7mgEO2gc88e47hIWAvl3HzSipy&index=2>

### **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 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 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 seat can move properly; Up/down, fore/aft, turn.

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

Fastening element through the seat mounting plate should stick out 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.

### **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.



## **5. 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.

## **6. 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.

## **7. Fasten Swivel lever**

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



# SCANDINAVIAN SEAT SUSPENSION SYSTEMS

[www.seatsuspension.systems](http://www.seatsuspension.systems)

- Marine bedding compound (glue gun, spatula)
- Hex-/Allan keys: H5 and H4, long handle type