SCANDINAVIAN SEAT SUSPENSION SYSTEMS

Titanium II

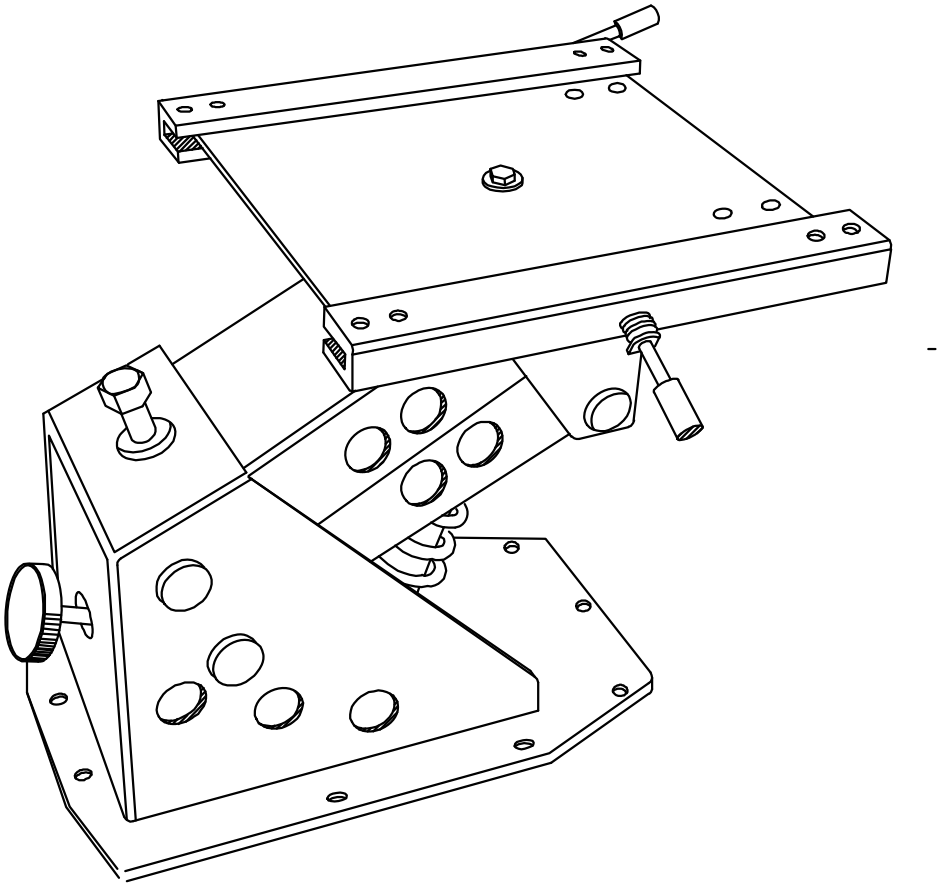
www.seatsuspension.systems

Designed and tested by Finns – Engineered by Swedes – Produced by Danes

Assembly instructions

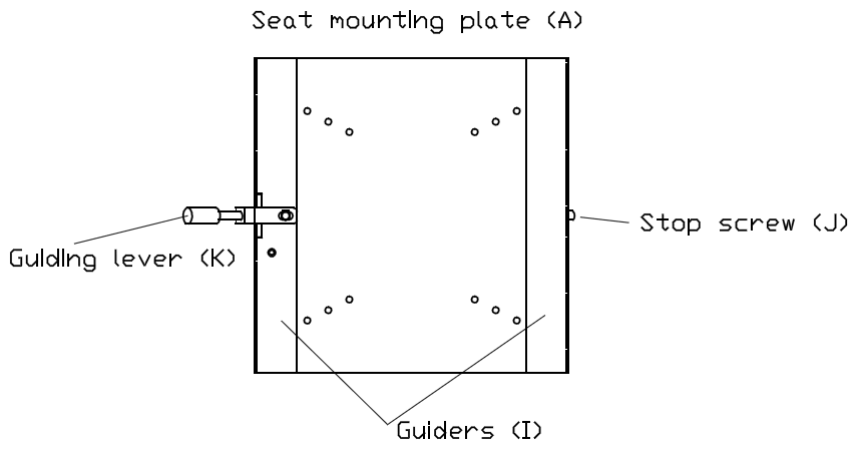
Before purchasing a Titanium II seat suspension chassis, carefully check that it will fit the intended boat; seat and deck. Surfaces should be flat. Otherwise, it will require extra efforts and craftmanship to make it fit and perform properly.

Also check that the Titanium II chassis height is similar to previous seat tripod and corresponds with what is recommended for that particular boat model. Very often windscreens, steering wheels, kickboard angles and similar are customized for a certain seat height range.

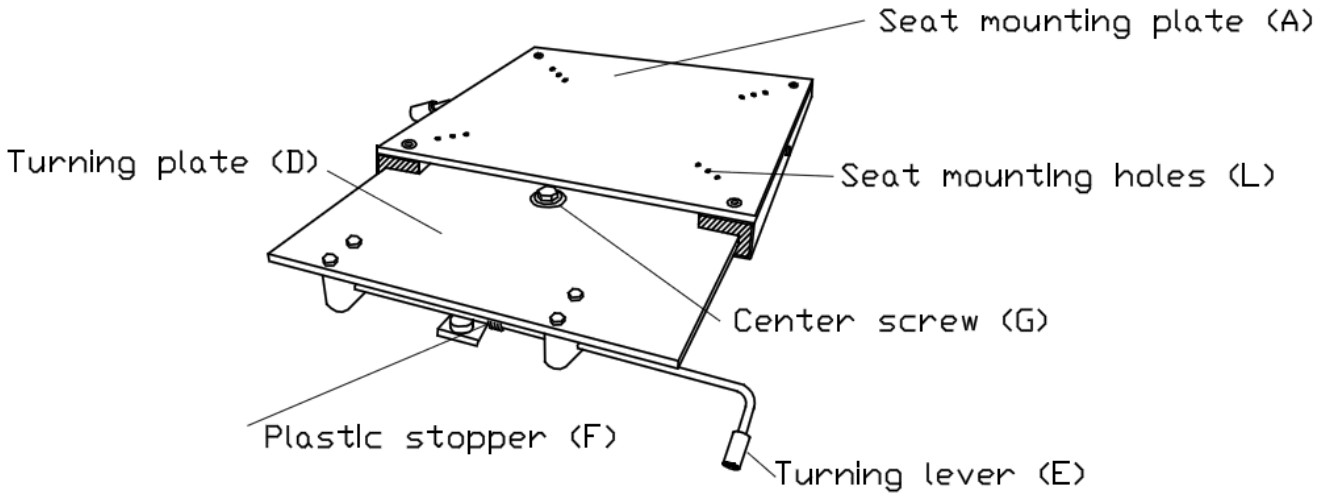


1. Check. Make sure that surfaces on the seat and the deck are flat, clean and suitable for mounting.

2. Measure. Measure and decide on a suitable position underneath the seat for the seat mounting plate(A), and on the deck for the chassis bottom plate(B).
Make sure that the chassis' adjustment levers can be reached while sitting in the seat and that the mounting plate is as much in the seat center as possible – considering also where screws can go through and be free from upholstery. Mark the seat mounting plate(A) position.
Note! Make sure you turn the seat mounting plate so that the turning lever(E) faces backwards from the seat after final mounting. It should NOT go forward.
If there are holes in the deck from previous seat tripod – make holes water-proof and try to hide/cover them with the new chassis' bottom plate.
If wider cover plates accompany the Titanium II in the carton box, they can be used to cover old holes if desirable. (Not necessary for the installation).
Note! Compare the position on the Titanium II upper, round plate(C) on the chassis with the previous tripod's position. Same position should be targeted if the previous seat position was to satisfaction.

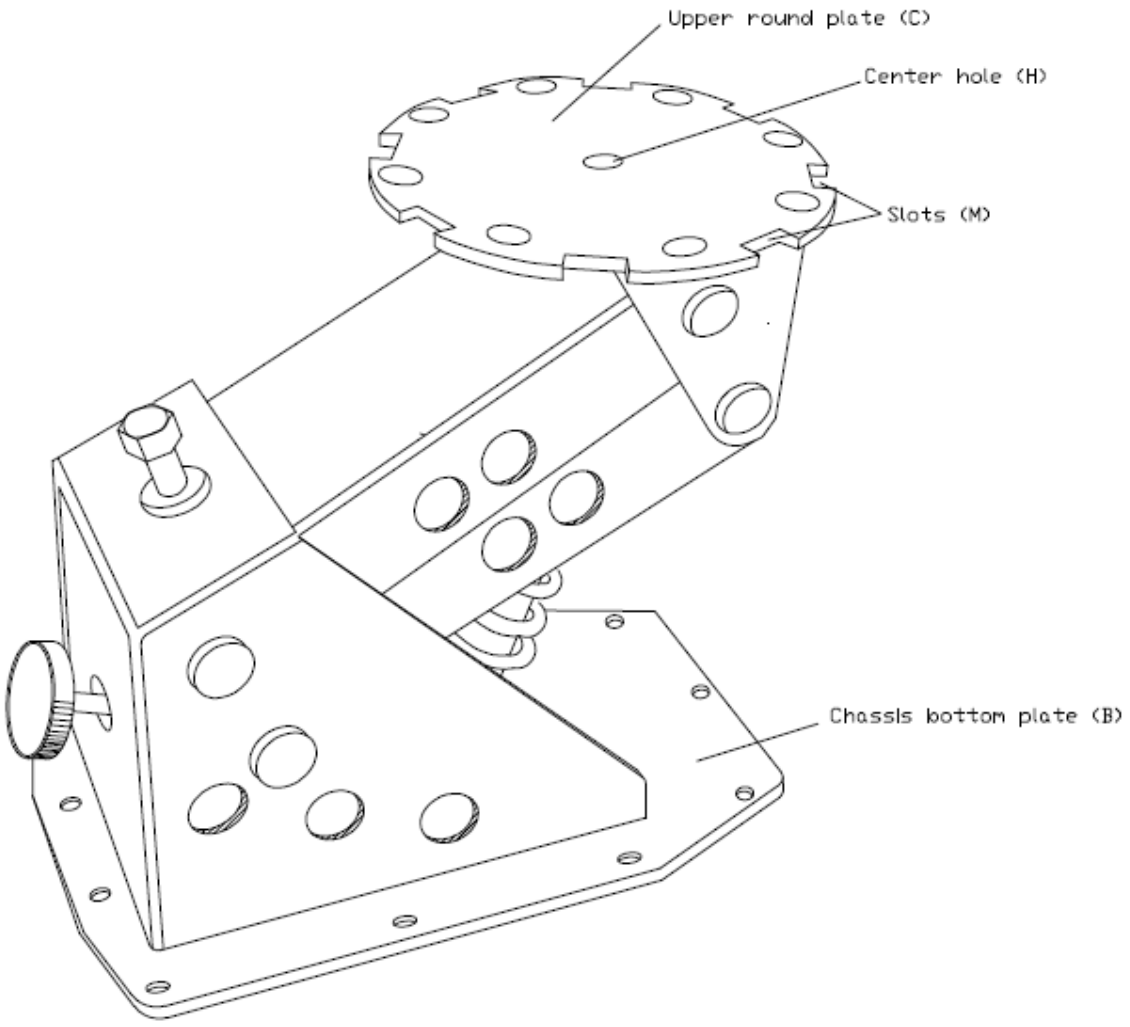


3. Slide plates apart. Remove the turning plate (D) from the guiders(I) on the seat mounting plate(A).
You need to engage the guider lever(K) to release the turning plate(D).



4. Attach plate under seat. Fasten the seat mounting plate(A) under the seat with the accompanying screws & nuts (if provided) – or other, if they don't fit your specific seat.
Use suitable pre-drilled holes(L) in the seat mounting plate(A), preferably 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.
Note! Drill holes, using the seat mounting plate as a jig - put screws and washers from the seating side – through the seat mounting plate(A) underneath – tighten well with nuts – cut off screw-ends in level with nuts. See fig 4. Fastening element through the seat mounting plate(A) should NOT stick out more than maximum 7mm/0,04" from the mounting plate surface.

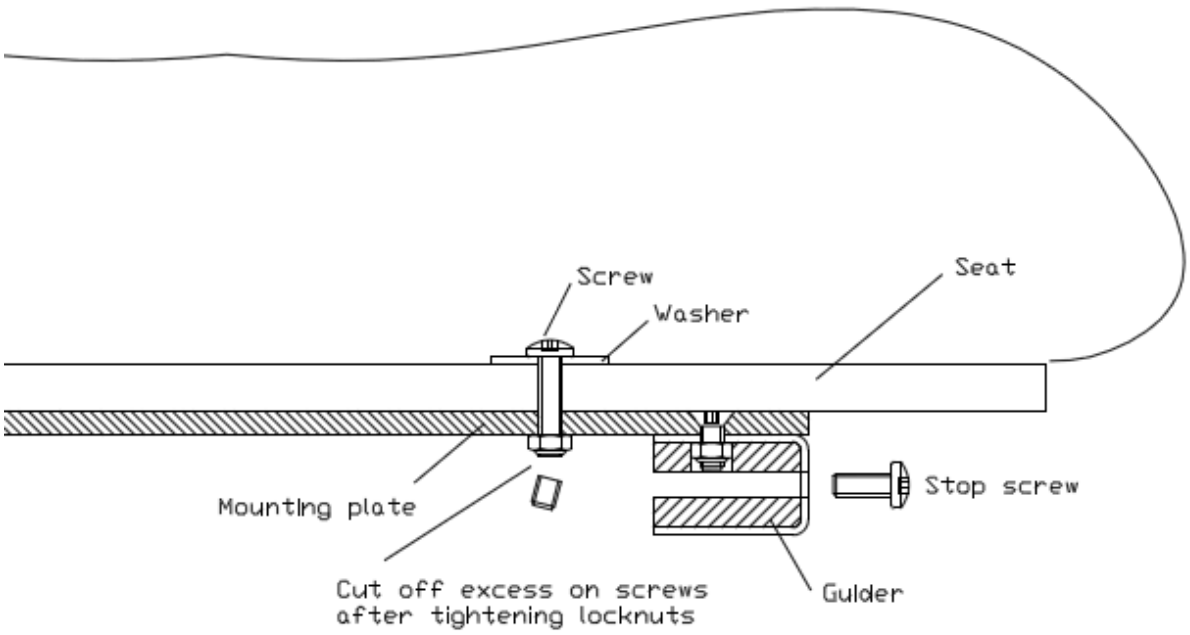
5. Fasten the chassis in the deck. Use accompanying screws, if applicable. Note that most – but not all! – modern boats have an aluminium plate laminated into the deck construction, for seats to be fixed in.
Drill holes for all chassis bottom plate(B) holes.
Make threads, suitable for the chosen screws, in the new-drilled holes.
Make holes water-proof. Tighten screws well.
Preferably the screw fastening is combined with the use of a suitable marine bedding compond between the chassis bottom plate(B) and the deck, that will work as glue, leak-preventor and insulator.



6. Fix turning plate onto the chassis. To do this; compress the turning plate's(D) spring by turning the lever(E) and fit the (now lifted) plastic stopper(F) into one of the eight(8) slots(M) on the upper, round plate(C).
The center screw+bushing(G) in the turning plate(D) will then reach and fit into the center hole(H) in the upper, round plate(C).

7. Center screw. Tighten the center screw(G) in the pre-installed lock-nut (located under the center hole(H)) so that the turning plate can hardly, but still, rotate when engaging the lever(E) - which releases the plastic stopper from the position slots(M).

8. Join seat and chassis. Carefully slide the seat / mounting plate's guiders(I) back onto the turning plate(D). Avoid forcing or bending.



9. Stop-screw in. From underneath the seat; turn the guiders' stop-screw(J) all the way in, without using force.