

Mares Horizon Rebreather Stand with Aircraft Wing Style Frame With Added Stage D Rings

PLEASE READ THESE INSTRUCTIONS PRIOR TO FITTING YOUR STAND TO YOUR MARES HORIZON REBREATHER

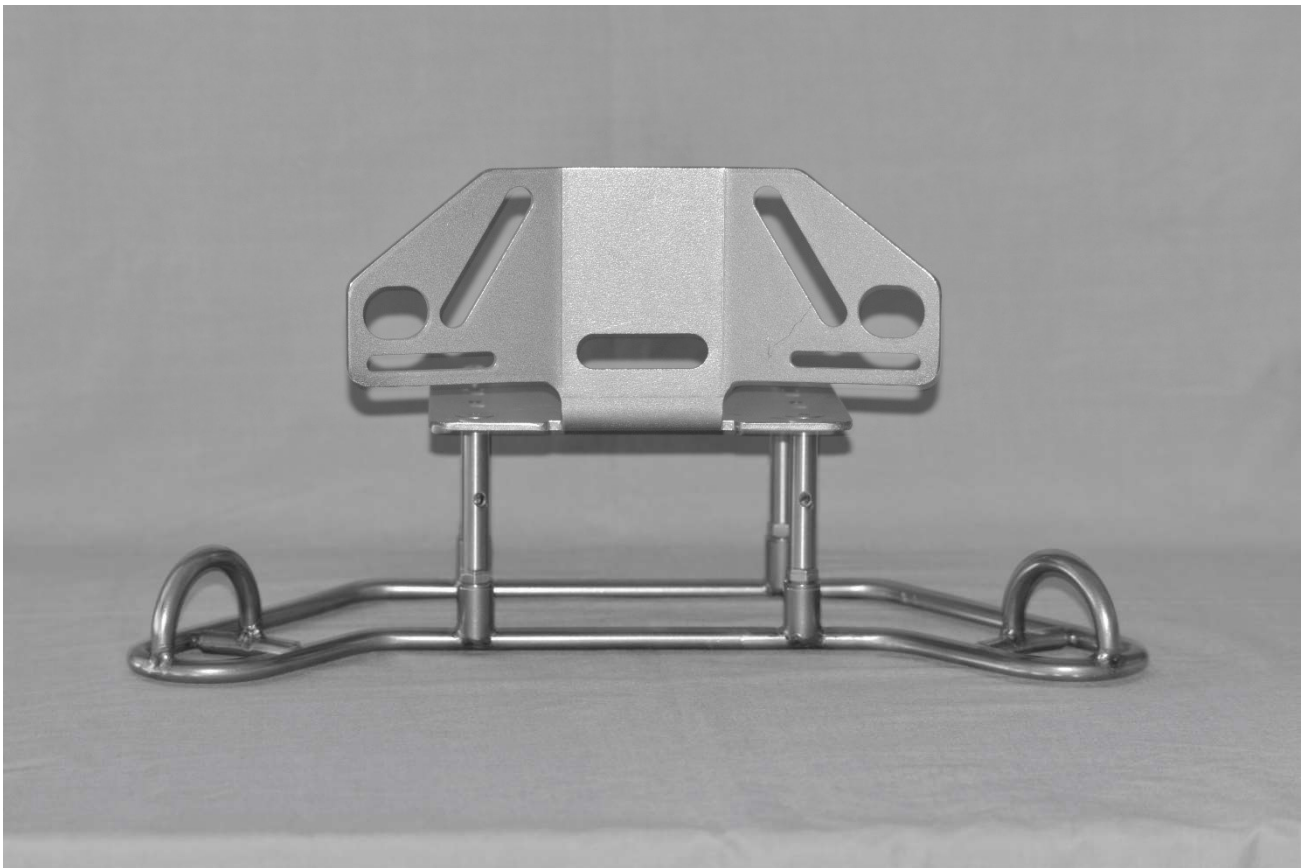
Mares Horizon Base and Aircraft Wing Style Frame

- 1 Grease the threads on the 4 legs and all fixings using the grease pot provided.
- 2 Place the M8 x 21mm o/d on the top of the legs under the stand, then place the stand on top of the 4 legs.
- 3 Place the M8 x 20mm Socket Countersunk Screws in the 2 holes which have already been prepared near the formed section of the main stand, ensuring that the wings of the wire frame are facing towards you, please do not tighten thoroughly at this stage.
- 4 Take the M8 x 16mm Socket Button Head Screw and 2 of the M8 Form A Washers and place one each under the head of the Socket Button Head Screws, once this has been done, place the Socket Button Head Screw and washer in each of the slots in the stand ensuring that the M8 x 21mm o/d Washer is still in place under that stand between the stand and the leg.
- 5 Once stages 3 and 4 have been completed, you can now tighten all the screws starting with the countersunk ones.

Mares Horizon Rebreather Box Preparation For Stainless Steel Backplate

- 1 You will need to remove your wing, backplate and harness form the rebreather box.
- 2 Undo all the M6 Socket Set Screws from the rebreather box using the hex key provided in the kit of parts and place to one side as you will need to replacement them.
- 3 Remove the 2 No: Pozi Drive Screws from the bottom compartment and put to one side as you will need them again later in the fitting process.
- 4 Remove the rebreather case from your unit.
- 5 Remove the 2 No: M8 x 25mm Bolts from the bottom corners of your rebreather case, ensuring that you keep the nuts and or washers to one side, and replace with the new M8 x 35mm Socket Button Head Screws from the kit of parts supplied and tighten using the nuts and or washers previously removed from the M8 x 25mm Bolts.
- 6 Replace the case back onto your rebreather box ensuring you do not trap your counterlungs with the lid and fit the 2 No: Pozi Drive Screws previously removed, **ensuring that you do not cross thread these screws during re-fitting.**
- 7 Replace the M6 Socket Set Screws into their previous positions.

- 8 Refit your wing, backplate and harness, but please only fit the top 2 thumb screws at this stage.
- 9 Once you have refitted your Wing, backplate and harness as in section 8, place the new Horizon base unit on top of your backplate and then replace the remaining corner thumb screws.
- 10 Fit the M6 x 20mm Pan Slotted Machine Screws in the bottom slots of the stand ensuring that the head of the screws are next to your wing and the threaded part is facing outwards towards your back, place the M6 x 18mm o/d Washer on the thread next to the new rebreather stand formed section, then tighten securely using the M6 Nyloc Nut provided in the kit of parts, please ensure that these nuts and washers do not foul the thumb screws.



Mares Horizon Rebreather Box Preparation For Soft Backplate

- 1 You will need to remove your wing, backplate and harness from the rebreather box.
- 2 Undo all the M6 Socket Set Screws from the rebreather box using the hex key provided in the kit of parts and place to one side as you will need to replacement them.
- 3 Remove the 2 No: Pozi Drive Screws from the bottom compartment and put to one side as you will need them again later in the fitting process.
- 4 Remove the rebreather case from your unit.
- 5 Remove the 2 No: M8 x 25mm Bolts from the bottom corners of your rebreather case, ensuring that you keep the nuts and or washers to one side, and replace with the new M8 x 35mm Socket Button Head Screws from the kit of parts supplied and tighten using the nuts and or washers previously removed from the M8 x 25mm Bolts.
- 6 Replace the case back onto your rebreather box ensuring you do not trap your counterlungs with the lid and fit the 2 No: Pozi Drive Screws previously removed, **ensuring that you do not cross thread these screws during re-fitting.**
- 7 Replace the M6 Socket Set Screws into their previous positions.
- 8 On your weight pocket lid (lower removable part) you will need to unscrew the two rubber feet and place the M6 x 25mm o/d Washer between and the plastic cover, place the two new M4 Nyloc Nuts providing in the kit of parts and tighten.
- 9 You can place the assembled stand over the new longer bolts (as in section 5 above), once the Horizon base is in situ on top of the case, you will need to place the two counter pressed washers with the counter press facing down on top of the plate ensuring that they locate into the large slots.
- 10 Replace your wing and the soft backplate, once they are in place ensuring that the harness and handle are not trapped under the wing and backplate, replace the two top thumb screws, leaving them slightly loose at this stage.
- 11 Place the M8 x 21mm o/d washers over the bottom two corners, screw the new M8 Nyloc Nuts supplied in the kit of parts, onto the threads, tighten to hold only at this stage, do not fully tighten at this stand, then lift your Horizon stand upright to ensure that the feet are located securely on the new base plate, once the feet are in the correct position, tighten the top two thumb screw first, then the two cornered Nyloc nuts to their required position – **Please Do Not Over Tighten The Two Corner Nyloc Nuts.**

If you have any queries regarding the above, please do not hesitate to contact us on +44 (0) 1227 700374 or via E-mail on sales@divingproducts.co.uk .