

Floating Pontoon Solutions Ltd



INSTALLATION GUIDE

Welcome to FPS Pontoon Hire.

This manual is designed to give you as much information as possible to help you to assemble your floating pontoon.

The way the pontoon system is designed should make it very simple to install and by following a few simple steps you should be well on to completing your installation.

Please go to the relevant section in the booklet to assist you:

Page 3 & 4: Basic instructions for sealing the floats and building your pontoon

Page 5 & 6: Building a standard Pontoon platform

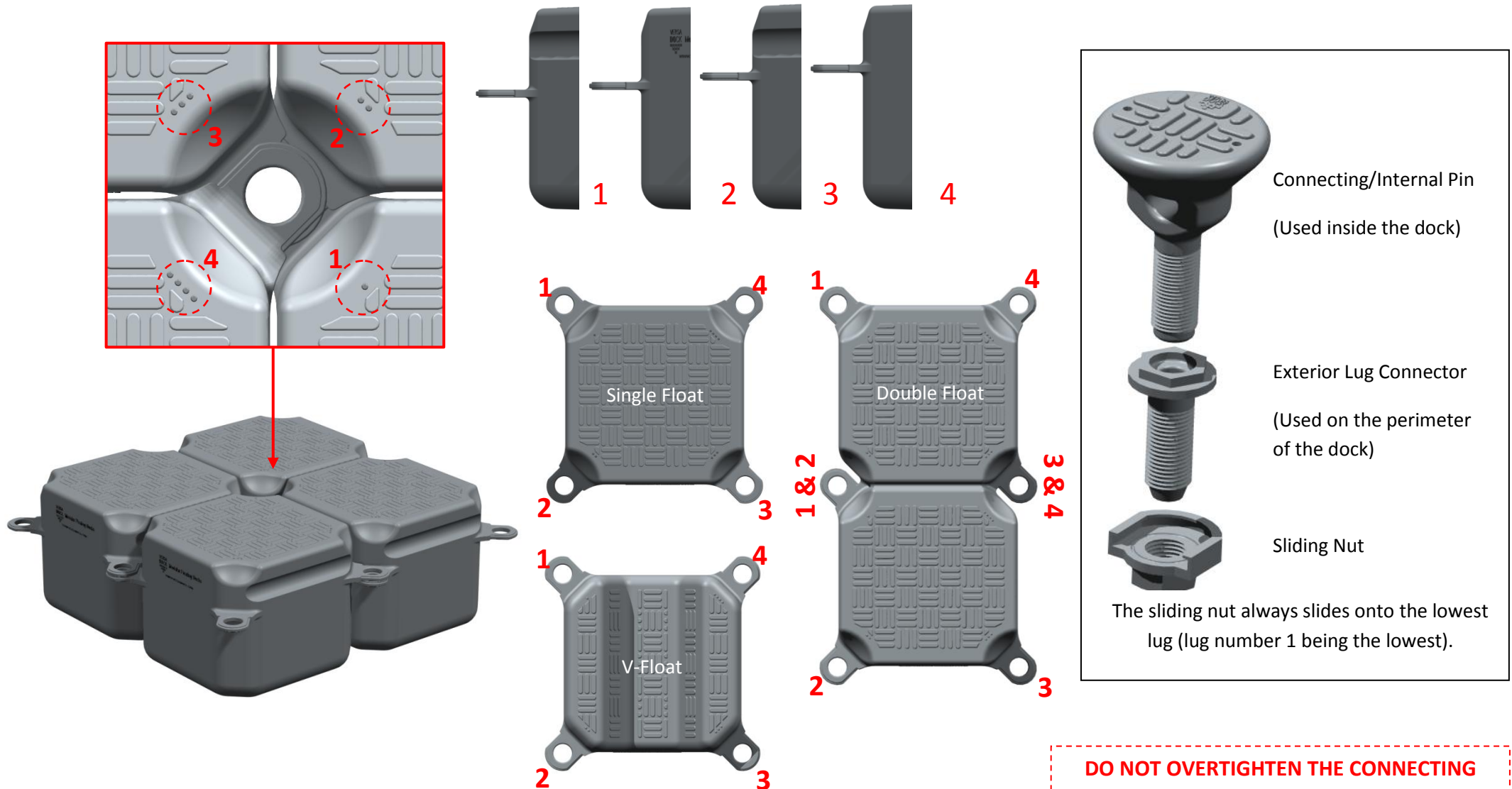
Page 7: Building a staggered pontoon

Page 8: FPS Maintenance and checks manual

If you have any queries or questions about installing your pontoon please contact FPS Head office 01253 921352

THE NUMBER ONE RULE....

ENSURE THE LUGS ARE ALIGNED IN THE CORRECT ORDER



**DO NOT OVERTIGHTEN THE CONNECTING
ITEMS – ONLY TIGHTEN UNTIL A STRONG
RESISTANCE IS FELT**

SELAING THE FLOATS

All floats are supplied without the bungs inserted and will need manually inserting to make them water tight.

(This means that the floats can be sealed at the local ambient temperature and this will prevent the air inside the floats expanding and contracting more than necessary.)

Marine Sealant



Please open
according to
manufacturer's
instructions

M8 Allen Key



Bung



Apply marine sealant to the threads of the bung while holding it with the Allen Key.

Insert bung into float, and wind clockwise until flush with the outside wall of the float.

Failure to do this, may result in the floats becoming water logged and the effective buoyancy will be reduced.

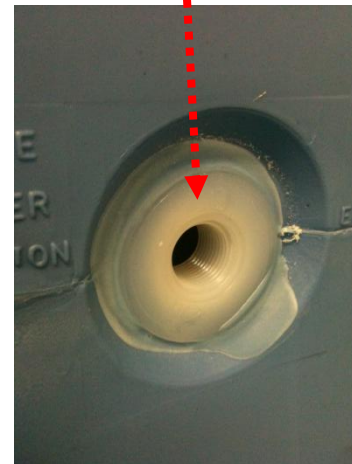
VersaDock International Ltd cannot be held responsible for emptying water filled floats.

If you are unsure, please contact your local dealer.

All floats at the back end of a drive on dock, or low floats will have the bung holes near the surface of the water, and/or will get submerged when a weight is applied. These floats must have the bungs sealed in.

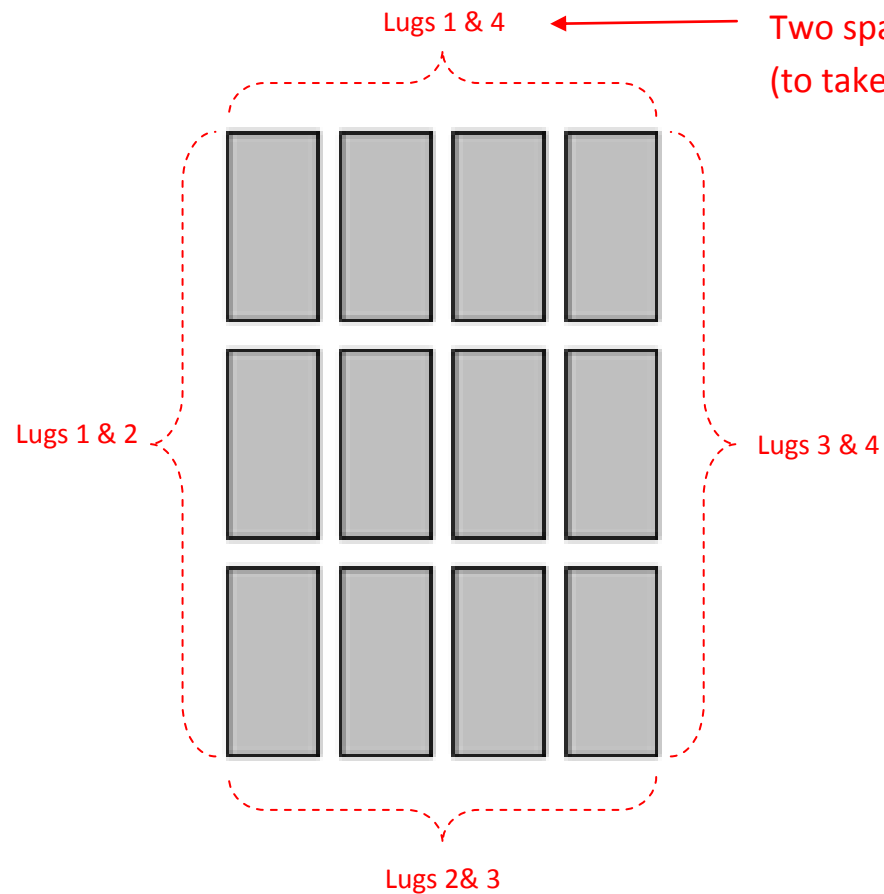
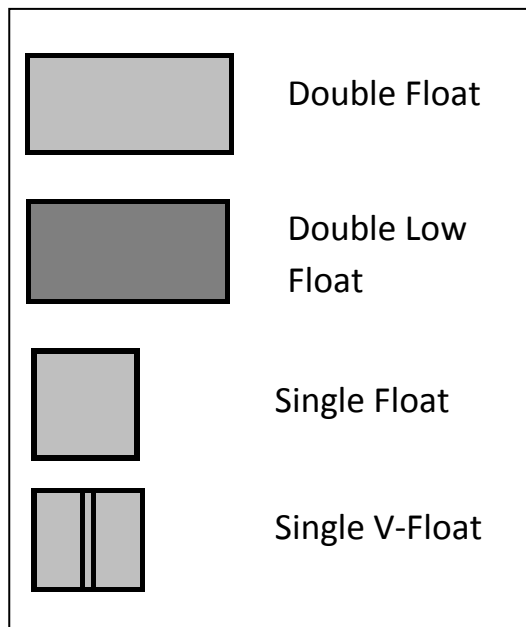
Failure to do this may result in the floats becoming water logged and the effective buoyancy will be reduced.

VersaDock International Ltd cannot be held responsible for emptying water filled floats.



BUILDING A STANDARD PONTOON

The next step is to position all the floats (spaced apart) into the desired layout on the ground (see below for an example).



Once the floats are positioned, place a sliding nut onto **lug 1** of all the internal floats and the **lowest** of the two lugs on the floats around the perimeter.



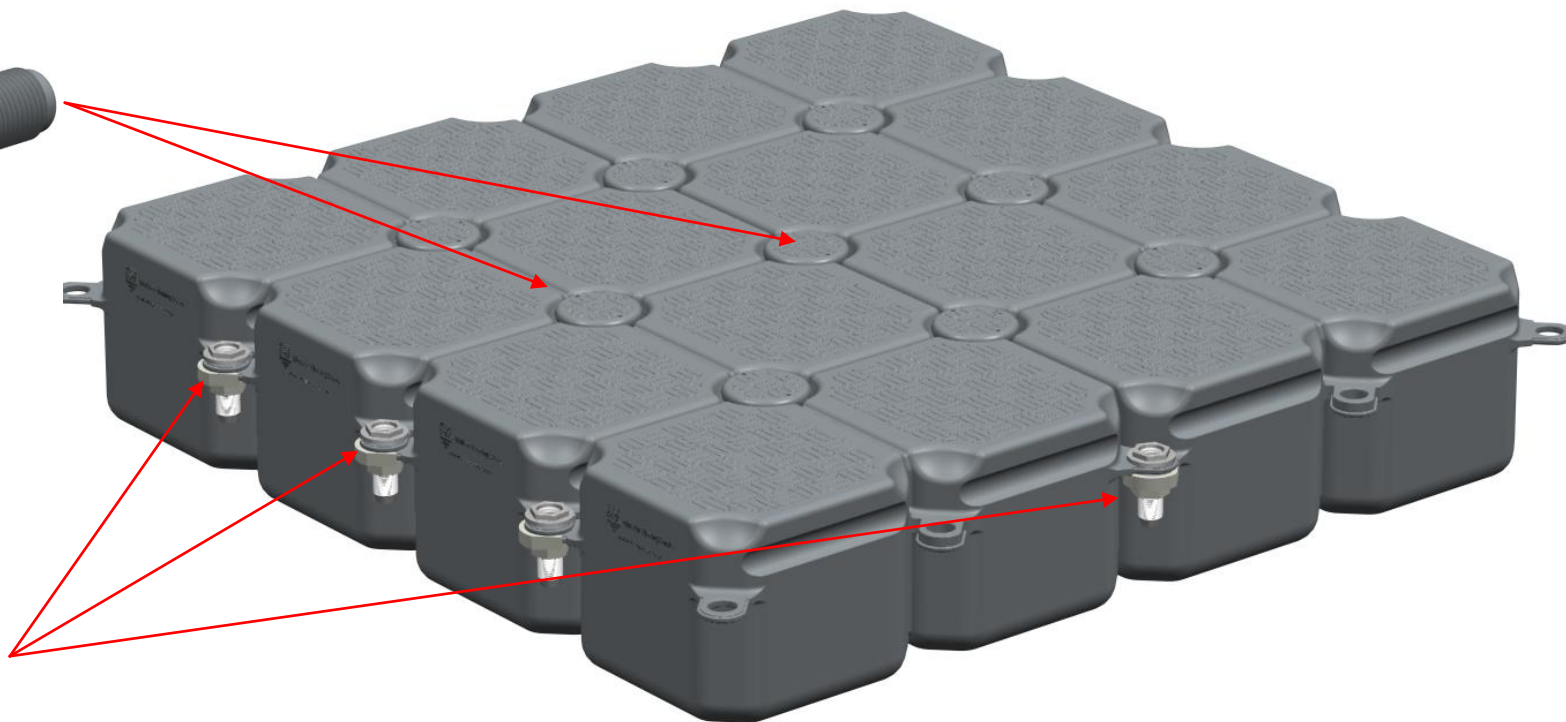
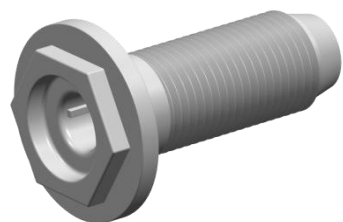
BUILDING A STANDARD PONTOON

Now that the sliding nuts have been positioned you can screw all the floats together using the connecting pin and exterior lug connectors. If there is space limitations when assembling the dock then it is advised to make the dock into 3 or 4 small sections and later assemble them together once in the water (see the instruction manual with regards to 'assembling two pontoons together')

Connecting Pin



Exterior Lug Connector



BUILDING A BRICKED PONTOON

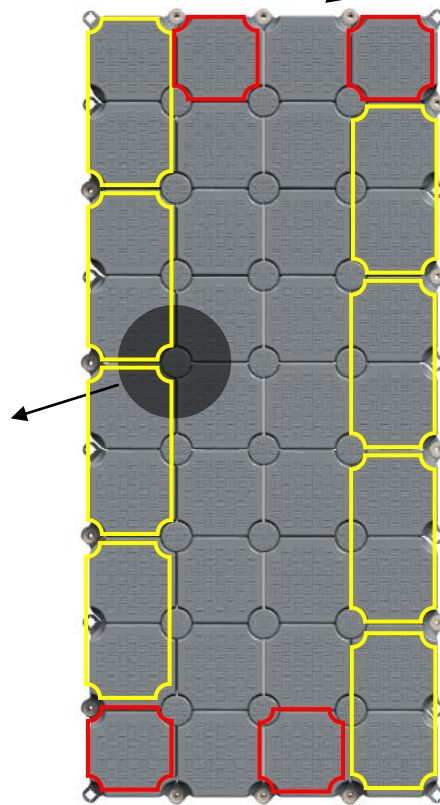
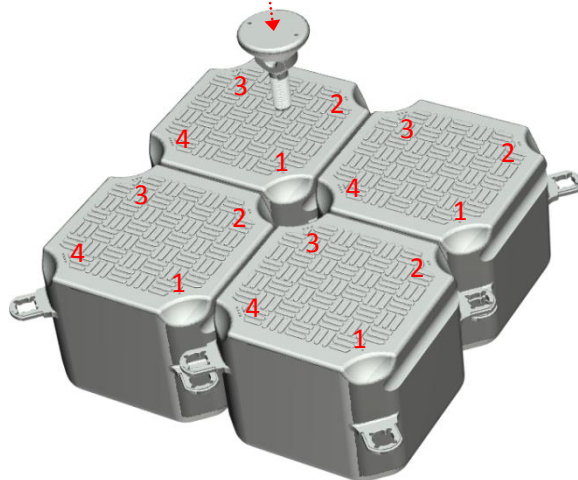
Add two spacers to infill lugs 2&3 and then attach the ELC

N.B. – MAIN RULE

ENSURE THE LUGS ARE ALIGNED IN THE CORRECT ORDER AND DO NOT OVERTIGHTEN

Internal Pin Connections:

The sliding nut is located on the lowest lug (lug no.1 being the lowest and no.4 the highest). The connecting pins are screwed into the sliding nut.



STAGGERING THE FLOATS PROVIDES BETTER STABILITY BUT SHOULD NOT BE USED IN OPEN WATER

Exterior Lug Connections:

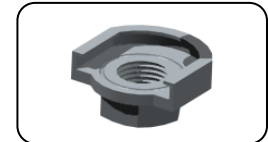
The lugs situated on the edge of a pontoon are joined using an exterior lug connector instead of a connecting pin.



Connecting/Internal Pin



Exterior Lug Connector



Sliding Nut

The Floats:

Single Float:

Single float has a lug on each corner.



Double Float:

A double float has single lugs on each corner and double lugs in the middle (lug 3 & 4 on one side and lug 1 & 2 on the other).



Float corners are marked with dots to correspond the position of the lug

•••• = 4 (highest)
••• = 3
•• = 2
• = 1 (lowest)

If the first block is aligned correctly then the rest will fit very easily.

Check every few blocks to ensure correct alignment

FPS MAINTENANCE MANUAL

General Cleaning

To clean the surface of the VersaDock use a high pressure washer or brush. If using a high pressure washer ensure the nozzle is always at least 10cm away from the plastic.

(The following checks should be performed every 6 months)

Connecting pins check

Ensure all connecting pins are tight by using the tool provided. Tighten until all lugs are pressed together and a firm resistance is felt. DO NOT OVERTIGHTEN.



Ensure all exterior lug connectors are tight by using the tool provided. Tighten until all lugs are pressed together and a firm resistance is felt. DO NOT OVERTIGHTEN.



Mooring ring check

Ensure all steel mooring rings are tight using a M28 spanner. There should always be 2 nuts attached to the mooring ring.



Stiffening beam check

Ensure all stiffening beams coach bolts are tight using an adjustable spanner.



Handrails Check

Ensure the stanchions are still secured to the pontoon including the R clip and the handrails are tight using a scaffold spanner.