

Installation Guide: Liquid Pro Tower (JSKG)
Designed and Manufactured by INDY Wake Pty Ltd



The installation instructions is only a guideline:

Step 1:

Unpack and check parts in your box correspond to the instructions you have.

Front Tower legs: 2 x Long curved bars.



Front leg top fitting x 2
2 x M12 short bolts
2 x Split Washer
2 x M6 small bolt



Front leg bottom fitting x 2
2 x M12 short bolts
2 x Split Washer
2 x M6 small bolt



Rear Tower Legs: 2 x short curved Bars



Rear Leg fittings
4 x fittings with open hole
with raised circle area
4 x M12 Bolt with split washer
4 x M6 bolt small



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Top Section

- 1 x Solid double bar top section
- 2 x Fittings with tapped thread
- 2 x M12 short bolt with split washer
- 2 x M6 bolt small.



Deck mounts:

- 4 x Solid flat base mounts, centre hold through base, threaded hole in face.
- 4 x 70mm Dia Aluminium Backing plates
- 4 x 57.5mm circular Nylon deck plates.
- 4 x Long M12 Bolts with 4 x small Nylon washers
- 4 x Locking nuts for long M12 bolt
- 4 x Split washer & Lock tight.



Step2:

Assemble the front legs (long curved bars) with end fittings.

Use 1 x square shape fitting to attach to one end (the joint has 2 holes to join to top section)

Use 1 x M12 bolt with split washer and 1x small M6 set bolt.

(do not over tighten, allow so you can move for adjustment)



At the other end Attach the curved fittings with M12 Hole

Use 1 x M12 bolt with split washer and 1x small M6 set bolt.



Step 3:

Assemble Rear legs (short curved bars) with end fittings.

Use 1 x curved fitting with Hole to attach to each end of the short curved rear leg.

insert the raised circular area into the end of the curved leg.

Use 1 x M12 bolt with split washer and 1x small M6 set bolt.



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Step 4:

Assemble top section.

Attach the 2 x fittings which have tapped and threaded fittings on face insert into the top section recessed fitting.

Use the short M12 bolt with split washer and the 2 x M6 small bolts.

Make the fitting run in line with the tube, with the flat surface facing inwards.



Attach the tow point to the top section using the large bolt and washer.



Step 5:

Assemble the tower on the floor.

Distance between Front and Rear Mounts approx (75inch)1.9m

Distance between Front mounts (65inch- 95inch) 1.65m to 2.40m wide

Distance between Rear mounts(65inch-95inch) 1.65m to 2.40m wide

Attach the front legs to the top section using the rotating axis joiner.
(Patent number 2010100574)



Notice the reference Mark on the end of the tube... use this as a guide for adjusting the width required.

Attach the rear legs to the top section, use 2 x M12 bolts and split washers at all join.
The approx distance from front to rear mount is approx 1.8m, you can adjust to suit.
Measure across the front deck and rear where you think you will mount, adjust the width of the legs,
by rotating the legs at the top joints, use a reference Mark.

Step 6:

Front deck mounts are recommend to be on the flat deck in front of the windscreen.
(Warning: if you mount on the side, a wide stance and angle on the front legs may hit or jack knife
the joint so you will not be able to install the tower or lower. Before installing front mounts on the
side, check the angle of the mount at the width required has no restrictions.)



Check the surface area by placing the black nylon plate on the deck. Note some angles and
placement may restrict the lowering of the tower, see warning above.

When you are happy with the position check under the deck, drill the hole for the deck mount.

Warning: before any drilling, check under the deck for wiring or obstructions.

Step 7:

Assemble the deck mount. (Patent number 2010101099)



Place the Large Nylon deck plate on the boat.

Place the solid deck mount on top of the Nylon Plate

Place the small nylon washer onto the Long M12 bolt.

Insert the M12 bolt with the Nylon washer into the mount through the deck plate into the boat.

From underneath the deck place the Large Aluminium backing plate then split washer and nylon lock Nut onto the M12 bolt tighten in place.

Step 8:

(It is recommended that you go to step 9) but you could if you are confident in the placement of the rear deck mounts approx 180cm apart front to rear. Making sure the rear legs will not be restricted or foul on the boat. You can repeat the installation of the mounts.

You can now measure the distance between all mounting points, adjust the tower on the floor to suit, then lift the tower in place. If happy proceed to Step 11.

Step 9:

Attaching and checking rear leg mount position.

Measure the distance between the front mounts, adjust the front legs on the assembled tower on the floor. Lift the tower onto the boat and attach the front legs to the deck mounts.

Adjust the rear legs, by rotating inwards, forwards and backwards to the desired position.

Mark the rear mounting position.

Step 10:

Attach the rear mounting feet following the same procedure of attaching deck front rotating deck mounts.

OR

Note: You can also place the rear mounts on a slightly curved surface using the curved rubber deck pad if required.



Note:

1. Using only the rubber pad, it will lock the mount into position and will not rotate.
2. Side mounting check that the angle does not cause the joint to jack knife, or the leg foul on the boat.
3. Side mount as high as possible on the sides near the top edge.)

Step 11:

Now that the tower is in position on the boat, check that it is inline.

Mark each fitting across the joint of the two parts. Use this mark as a reference.

Remove one fitting at a time whilst on the boat. Place lock tight between the fitting and tube end. Place lock tight on the bolts the M12 and small M6. Line up the reference mark you made and lock the centre bolt first, then the small set bolt. REPEAT this process on all fittings on the tower. Before every use check that nothing is loose, also check each mounting point.

Lowering tower:

Options: 1 (if your rear mounts rotated)

Undo the top of the rear legs and swing the rear legs down (if the rear mounts rotated)
(note you may need to back off the deck attachment point if the bolt tightens)

If you have set the front mounts up correct they will rotated under pressure and lower.

Note: If front mounts do not rotate check the front mounting procedure.

Option 2: (if you have used the rubber pads on the rear)

Back of the top bolt to the rear legs, undo and remove the bottom bolt of the rear legs from the deck mounts. Now swing the rear leg backwards and lower the tower. Or Completely remove the rear legs and lay down legs in a safe area.

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Care and Maintenance

Be sure to check and tighten all fasteners and connections prior to every use.

Be cautious when towing or driving under obstacles, low hanging structures or tress

Use soap and water to clean your tower. Avoid abrasive material that might scratch or damage the towers finish.

Always rinse tower after contact with salt (brackish) water.

Warranty: (limited 5 yrs)

Indy Wake Pty Ltd warrants this product (not including other 3rd party accessories) against manufacturers defects. Anodized, polished and powder coated surfaces as well as all hardware corrosion are specifically excluded as their care and use cannot be controlled by Indy Wake Pty Ltd. Any improper use or modifications shall void this warranty. Indy Wake Pty Ltd, is not responsible for personal injury or damage to the boat caused by the use of the tower. Indy Wake Pty Ltd, shall not include any transportation charges or cost of installation or any liability for direct or indirect or consequential damages resulting from delay or improper installation. Warranty does not cover spider gel coat cracking or damage from installation or use of the tower on your boat. No dealer, retailer or manufacturer is the agent of Indy Wake Pty Ltd and may not assume any liability in connection with this warranty. This warranty is in lieu of all.

Warning:

The construction type of your boat, thickness, design of the deck and walls of your boat, may cause movement at the mounting points. This movement can cause the tower to move. Putting pressure on joints and wear over time, if this occurs it voids warranty. If in doubt do not install the tower. Always check all bolts and parts prior to use, especially after long distance travel behind a vehicle and lowering for storage.

Warning:

Do not stand, climb or jump off tower, do no tow boat with the tower in the folded lowered position. Do not ski, tow tubes, boats other watercraft by the tower. Watch out whilst moving under objects, such as bridges or low buildings, passage ways.