

Suction Clamp Kit Instructions

Revision History

8 October 2021 Document updated
3 February 2025 Spelling corrections

Packing List

It's a good idea to check that you have all the parts before you get started:

Item	Quantity	Comments
Suction Clamps	2	
Plumb Line	1	
Hoop and Loop Velcro Tape	2metres	Cut to length
22mm Adapter	1	Optional for mounting 22mm PVC pipe masts

Spotted a mistake or need help?

Please let us know if you need help! Email support@sotabeams.co.uk

Safety

Do not use near Over Head Power lines.

Only use suction clamps where the consequences of the supported antenna/mast falling down are not significant (e.g. it will not be a hazard to wildlife or people and will not fall on a power line etc.)

Using the clamps

Important Notes:

These clamps have a very strong grip so use caution when using them to avoid damaging whatever surface you have attached them to. If in doubt, you should seek the advice of your vehicle / caravan manufacturer. In windy conditions always guy masts/flag poles to reduce transmitted stress.



We recommend using the clamps in pairs to support a mast. One at high level and one lower down.

When using the clamps for the first time, it is a good idea to test them on the surface to be used without an antenna/mast attached. Some surfaces are slightly porous and on such surfaces the clamps will release after a short time.

For best grip it is essential that both the surface to be clamped to and the clamp surface is perfectly clean.

1. Attach the high level clamp. Using the Black levers to create / release suction.
2. Attach the plumb line to the top clamp.
3. Use the plumb line to ensure an accurate placement for the lower clamp. The plumb line can be removed or left in place.
4. Attach the mast to the clamps using the hook and loop tape supplied (cut tape to suit).



Using the 22mm adapter

The white 22mm adapter fits snug into the suction clamps and can be used to mount antennas using 22mm plastic overflow pipe. To avoid the coupler getting stuck in the clamp, the end of the plastic overflow pipe is best glued into the coupler.



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