



Installation Instructions

Part Number

80001

Part Number

80002

Part Number

80013

Part Number

80014

Parts Check List For 80002 Outrigger Bundle:

P/N 80009	1 Pair of Viper Telescopic matte black Xtreme Poles
P/N 80001	1 Pair of Viper Xtreme Deck Mount Outrigger bases
P/N 80027	1 Pair of Viper Xtreme Deck Fittings & rubber weather caps
P/N 80010	1 Pair of Lines
P/N 80008	1 Pair of Tag Return Weights
P/N 80015	1 Pair of Bungie Cords, Pulleys & Stainless Steel Clips
P/N 80026	1 Pair of Quick Release Line Clips
	1 Pair of Stainless Sandwich plates
	(8) Stainless Steel Bolts
	(8) Stainless Steel Flat Washers
	(8) Stainless Steel Nyloc Nuts

Tools Required:

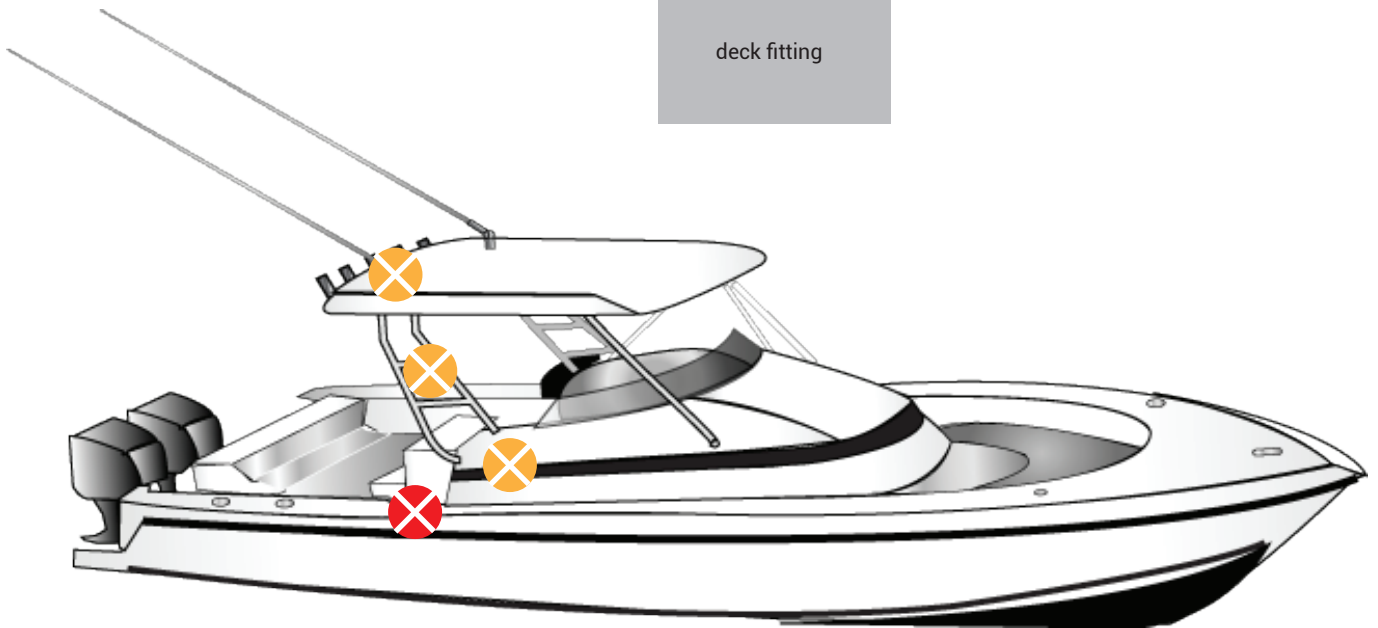
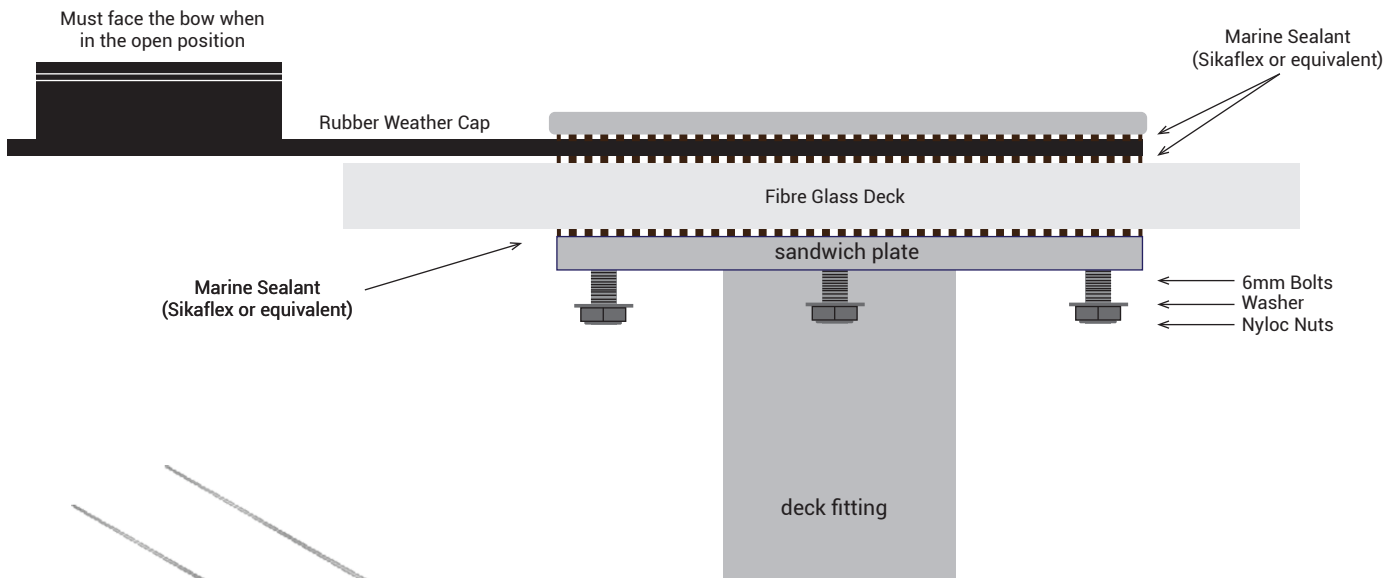
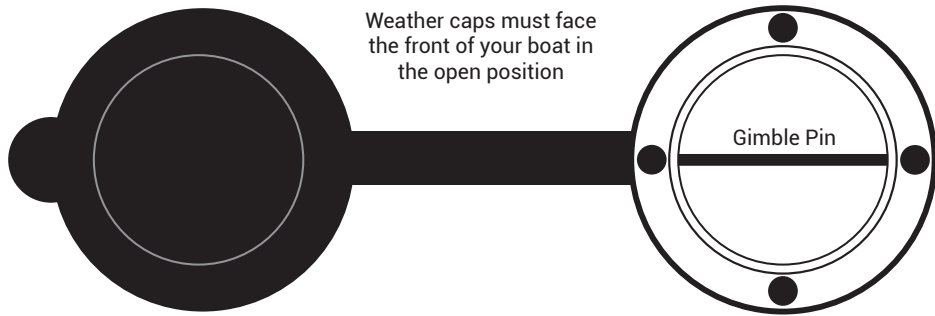
Electric/Cordless Drill
6mm Drill Bit
52mm (2-1/16") Hole Drill
13mm Socket or Spanner
5mm Hex Allen Key
Tape Measure
Caulking Gun

Materials Required:

Marker (Pencil or Pen)
Masking Tape
Sikaflex G62 Sealant or Sikaflex Marine Equivalent
Methylated Spirits or Turpentine (Clean up)



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 Side Mount Outrigger Base Location

 Deck Mount Outrigger Base Location

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STEP 1 Choosing Your Outrigger's Position for 80002 & 80001 Bases

This is by far the most important step of the entire installation, you must first decide the position of your outrigger bases in your deck, also ensure that there are no obstructions before marking and drilling any holes. Ideally they are situated in a location in your deck which you can reach to adjust your outriggers from the stern of your boat or fishing area without having to jump onto your gunnels, especially in rough conditions.

Remember you will be lowering and raising your 16ft poles and rotating them to make sure they hold your lines as far apart as possible, which requires easy access to the pins in your bases (unless you have a walk-around hull). We recommend fitting them just behind or next to where your cabin, rocket launcher, windscreen or clear meet your deck (you will need access to the underside of your deck to fasten your outriggers, so access should be checked before drilling).

Once you have chosen the location, mark each side of your boat using a tape measure to ensure both sides are equal, and using masking tape, cover the hole drilling area with tape and mark the centers with your marker. When you have your base positions marked, double check to make sure there are no obstructions as the deck fittings will protrude through your deck by 100mm and you will need a 13mm socket and extension handle to reach

STEP 2 Fitting Your Outrigger Deck Fittings

Now that you have your outrigger base position clearly marked, drill each side of your deck with a 52mm hole saw ensuring that the hole saw is deeper than the hull thickness, otherwise you will need to drill from both sides, top and bottom (drilling from the bottom up first till the center guide drill breaks through, then drill from the top down to reduce damage to your gel-coat). Pay particular attention to the position of the gimble pins inside your deck fitting as they should be running parallel to your gunnel or hull.

Drop your deck fittings in and then fit your outrigger bases into the fittings and check that you can easily lift, drop and rotate your bases without any obstructions and this will also give you the correct position of the deck fittings. Remove your bases carefully making sure your deck fittings do not rotate or move and mark the 4 x 6mm holes, then remove your deck fittings and drill the 4 holes on each side of your boat.

Remove the masking tape (slowly to reduce further chipping) from your drilled area and clean the surface with methylated spirits. Place your weather caps under your deck fitting with Sikaflex under both sides (between the deck and also your deck fitting) then line up the 4 X 6mm holes and drop it onto the 52mm hole with the 4 bolts inserted.

Add Sikaflex to the sandwich plate and slide it over the bottom of your deck fittings and bolts, using the washers and nyloc nuts provided, tighten up till the sandwich plate and deck fitting pull together and the Sikaflex squeezes out all sides. These bolts must be tight but be aware over tightening will strip the bolts or nyloc nuts. Clean all excess Sikaflex using methylated spirits as it will be a lot harder to remove after it dries. Allow at least 24 hours curing/drying time for the Sikaflex before you attempt to fit your bases and poles.

STEP 3 Fitting Your Outrigger Poles

Insert your outrigger bases into your deck and ensure you are 100% happy with your location of choice, checking the rotation and up/down tilt of both bases. Insert your poles into your bases and rotate your poles so the guides are all facing the same way, towards your desired direction (normally your guides will face the same direction as your fishing lines when trawling). Now using masking tape, cover your poles from the top of your outrigger bases to a few inches above the bases, this will make cleaning up the sikaflex a breeze after the next stage.

Using methylated spirits, clean your poles/bases then apply a generous quantity of Sikaflex to the inside of your bases, insert your poles into the bases and rotate them to ensure you have an even spread of Sikaflex all around your poles and bases. Face all your guides in the same direction, clean up any excess sealant and apply masking tape over your bases and poles together to make sure they do not rotate during the next 24 hour drying process.

STEP 4 Rigging Your Outriggers

Now that your poles have dried in the correct position, attach your bungies/shock cords to the fixed stainless steel saddle on the side of your outrigger base using the stainless steel spring loaded clip, then thread your outrigger line through the other end of your bungee cord (pulley) and then through each guide.

Extend your poles fully ensuring they are locked into position and tie off one end of your line to your quick release line clips, grab the other end of your outrigger line and thread it through the other end of your quick release line clip but please note, you must apply enough force to your outrigger line to load up your bungee cord (so your line clips do not fall while trawling) and tie your line off to the remaining end of the quick release line clip. You can use large stainless steel swivel & clips to attach your lines to one end of your quick release clips, making it easier to unrig your outriggers when not in use, however they do not come supplied.

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Installing Your Side Mount Outriggers

Side mount outrigger's are a much simpler process to fit as the location of your bases will either be on the side of your cabin, side of your rocket launcher or even on top of your hardtop, as access to these area's is normally readily available. (If not, it's as simple as adding an access hatch under your base location)

Use the same installation instructions as the deck mount bases only instead of a 52mm hole saw you must use a 45mm hole saw and there are only 3 x 6mm bolts per side instead of 4.

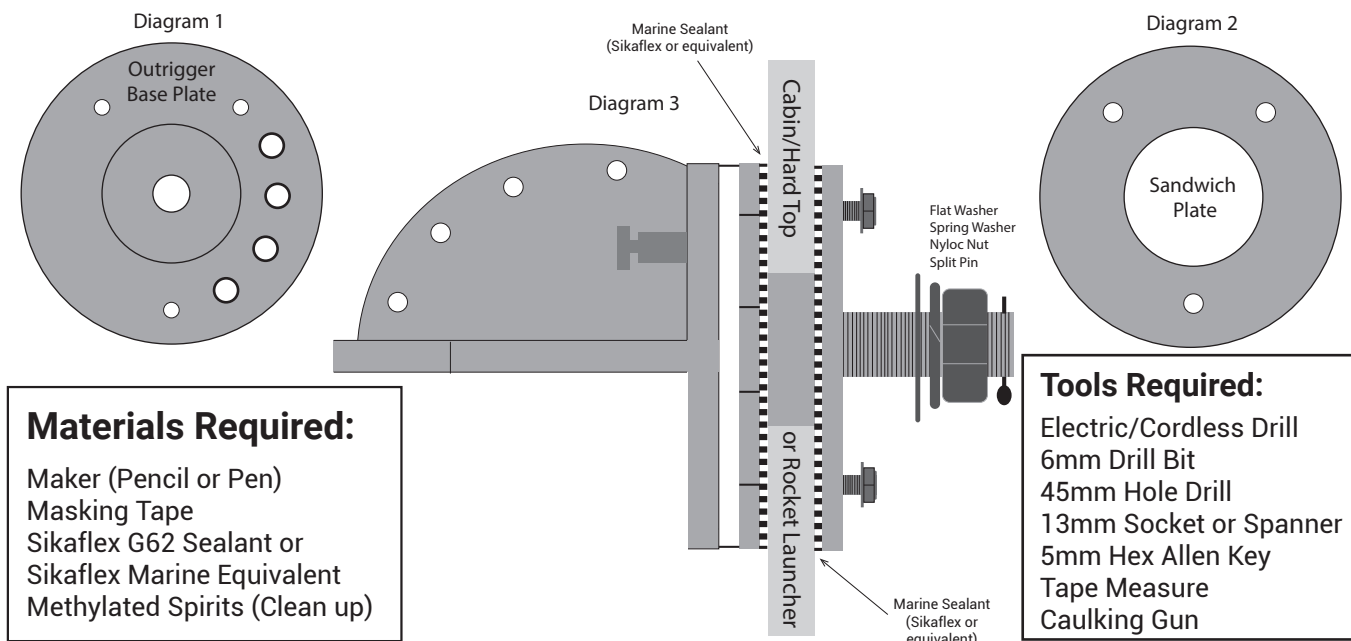
Your 3 stage telescopic outrigger poles do not need to be glued (Sikaflex) into your bases (optional), so you can remove them for safe keeping or where you have boat height restriction.

Dismantle your outriggers bases by removing the split pin, large nyloc nut and spring washer, the white abs high density plastic spacer can remain on your base, then you need to remove is the large 5mm base plate (diagram 1).

Drill your 45mm hole as per Page 2 of the installation instruction and insert the base plate into the drilled hole making sure the 4 X 6mm locating holes are in a position that will suit the rotation of your outrigger base, now mark the 3 x 6mm holes, drill them and insert the counter sunk stainless steel bolts and place the sandwich plate (diagram 2) over the base sandwiching the 2 plates between your fiberglass or rocket launcher.

Tighten up the nuts (without too much pressure as they will have to be removed again) and insert your outrigger base and test that they do not foul any objects and that the up/down and rotation are correct, once you are happy that your bases are correctly located, remove and Sikaflex all components that make contact with your boat (diagram 3) and tighten the 3 X 6mm bolts followed by the main bolt, flat washer, spring washer, large nyloc nut and split pin to secure your base.

Please allow 24 hours drying time before you proceed to insert your poles or apply any pressure to your outrigger bases.



Materials Required:

Maker (Pencil or Pen)
Masking Tape
Sikaflex G62 Sealant or
Sikaflex Marine Equivalent
Methylated Spirits (Clean up)

Tools Required:

Electric/Cordless Drill
6mm Drill Bit
45mm Hole Drill
13mm Socket or Spanner
5mm Hex Allen Key
Tape Measure
Caulking Gun

Parts Check List For 80013 Outrigger Bundle:

P/N 80009	1 Pair of Viper Telescopic matte black Xtreme Poles
P/N 80014	1 Pair of Viper Xtreme Side Mount Outrigger bases
P/N 80010	1 Pair of Lines
P/N 80008	1 Pair of Tag Return Weights
P/N 80015	1 Pair of Bungie Cords, Pulleys & Stainless Steel Clips
P/N 80026	1 Pair of Quick Release Line Clips
	1 Pair of Stainless Sandwich plates
	(6) Stainless Steel Bolts
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