



Product Installation Guide

Backing Plate Kit



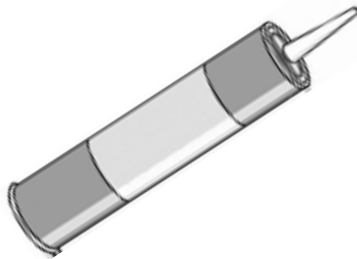


Parts List

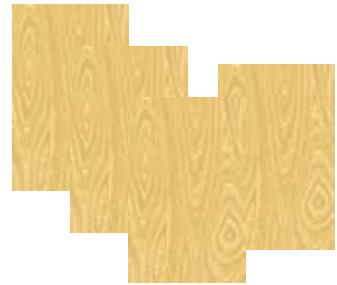
Included



Installation Guide 1x



3M 5200 Marine Grade
caulking 1x



5x8x3/8 Marine Grade
plywood 4x

Tools/Materials Needed

Not Included

Drill

5/8 in drill bit

9 in Caulking Gun

Sharpie/Marker

Flash light

Paint thinner or lacquer thinner for clean up



Backing Plate Kits

It is very important to use Marine Grade plywood. Moisture will break down the glue in regular plywood over time. Metal is not recommended because it will not flex and will point load the fiber glass lay-up. Point loading will cause gel coat cracking and may cause the tower to move under load. Installing this backing plate kit will add about 20 minutes to the install of your tower and is easier to install after the tower has been bolt in.

Installing the Kit

First install your Aerial tower

Once your Aerial tower is installed remove the nut, split washer, and large washer. Take your 4 backing plate pieces and label them front right, front left, rear right and rear left. Using your flash light check the underside of where the tower is mounted to make sure that you will not sandwich any wires. Using the backing plate try to center it the best you can on the all thread from the tower foot and mark it with the sharpie. (Repeat for all 4 plates)



Marking the plates



Use a 5/8 in drill bit, to drill through the backing plate. Dry fit each plate to make sure that they will fit after drilling.



Drilling the Backing Plate

Load the 10 oz tube of 5200 in a caulking gun, 4 or 5 large beads of caulking is recommended for good bonding. We like to do one backing plate at a time.



Applying the Caulking to the inside of the plate



The caulking side will bond to the hull/ under side of you boat. So now the order will be the plate, large washer, the split washer and then the nut. For starters just get it snug, after getting all 4 in place go around and tighten them. Some card board will work great to clean up the excess caulking that will ooze out the plate. The caulking will set up in a couple of hours and will cure in 24 hours. The painter thinner or lacquer is nice to have in case you need to do any clean up (hands or your tools)



The backing plate completely installed

Now that your tower is installed email a few photos along with the year, make, and model.

Find out how at <http://www.aerialwakeboarding.com/gallery/>

Don't forget to include your address and we will send you a T-shirt

Welcome to the Aerial Family!