



## How To Cut Shafts and Glue Grips on KIALOA Stand Up Paddles

We offer un-topped paddles so that you can custom fit them to your specific height, paddling style and board configuration. If you are not comfortable cutting and gluing paddles we encourage you to purchase a paddle already topped (fixed paddle).

### MATERIALS:

1. Paddle and Grip
2. Tape measure
3. Masking tape
4. Pen
5. Chop saw with tile blade or hack saw.
6. 80 grit and 240 grit sandpaper
7. Acetone
8. 24 hour 2-part epoxy
9. Small brush
10. Paper towels
11. Wet cloth
12. Electric tape

### DIRECTIONS:

[\(View Video\)](#)

1. Insert the grip and measure the overall length of the uncut paddle. Subtract the overall length from the desired length to determine how much length you need to cut off the shaft.
2. Mark the shaft at the cutting point. Start by wrapping the shaft with masking tape then mark the cut point. The masking tape will help minimize shaft fraying.
3. We recommend a chop saw with a tile blade to make the cleanest cut. A hacksaw will work too if you can be accurate. **Do not** clamp shaft in a vise as this may cause it to become damaged and reduce the integrity of the paddle.
4. Double-check the overall length of the paddle by inserting the grip and re-measuring.
5. The male part of the grip is already prepped. Lightly sand the inside of shaft. This creates texture to which the epoxy will adhere. Sand the top with 240 grit sand paper on a block to clean the cut. Clean the inside of the shaft with acetone.
6. We recommend 24-hour 2-part epoxy with dual dispensing chambers for best results. Be sure to mix the epoxy very well. Using a small brush put a small amount of epoxy on the inside of the shaft. Coat it evenly. Next, coat the male part of the grip. **Make sure to use an adequate amount of epoxy to ensure an airtight seal.** Failure to do so may cause water to leak into the shaft.
7. Insert and orient the grip. Use line of sight from the grip to the blade to make sure it is lined up.

8. Excess epoxy should seep out from where the grip meets the shaft. Clean excess epoxy from around the seal with a paper towel. An even amount of epoxy seeping out from the grip is an indication of a good seal, if no epoxy seeps out it is likely not enough epoxy was used. Do a final clean around the joint with a wet cloth to remove any epoxy smudges.
9. Using electrical tape at the shaft/grip joint. Once again, use line of sight from the grip to the blade to make sure it is lined up. Set the paddle grip down/blade up on a flat surface. Stabilize the blade so it won't move and let it dry.
10. Let the paddle dry for a full 24 hours. Once dry, remove the electrical tape from the grip/shaft joint.

If you want to cut down a paddle that already has a grip glued on you will need to cut 2 ¼" below the grip/shaft seam on carbon grips and 2 ¾" for ABS grips.

**For further assistance or questions please contact KIALOA:**

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