



## Cut to Fit Instructions. Canoe Paddles.

### **Items needed for Installation:**

- Cutting tool, preferably with a grit blade. A hack saw/miter box does the job easily and accurately every time.
- 40 grit sandpaper.
- Waterproof, slow cure, high viscosity epoxy. See page 4 for a list of recommended adhesives.
- Masking tape.
- Werner Paddles supplied grip.
- Proper safety equipment, which may include protective eye wear, gloves and hearing protection.
- Disposable rags for removing excess glue.

### **Determining the cut measurement:**

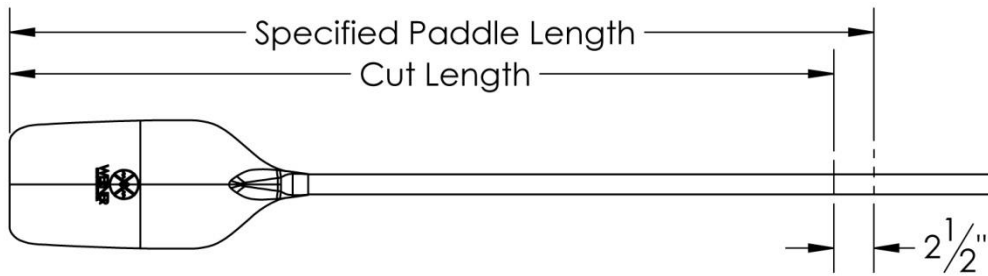
Determine the desired overall paddle length. Keep in mind that the Canoe Grip will add 2 ½ inches to the overall length. Use the chart below for your reference.

Desired Paddle length	Cut Length
36	33.5
37	34.5
38	35.5
39	36.5
40	37.5
41	38.5
42	39.5
43	40.5
44	41.5
45	42.5
46	43.5
47	44.5
48	45.5
49	46.5
50	47.5
51	48.5
52	49.5
53	50.5
54	51.5
55	52.5
56	53.5

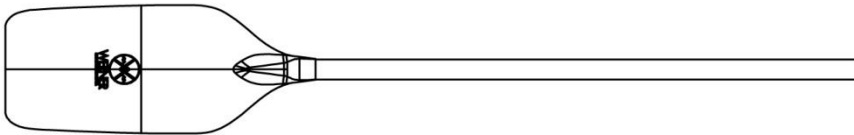
Desired Paddle length	Cut Length
57	54.5
58	55.5
59	56.5
60	57.5
61	58.5
62	59.5
63	60.5
64	61.5
65	62.5
66	63.5
67	64.5
68	65.5
69	66.5
70	67.5
71	68.5
72	69.5
73	70.5
74	71.5
75	72.5
76	73.5
77	74.5



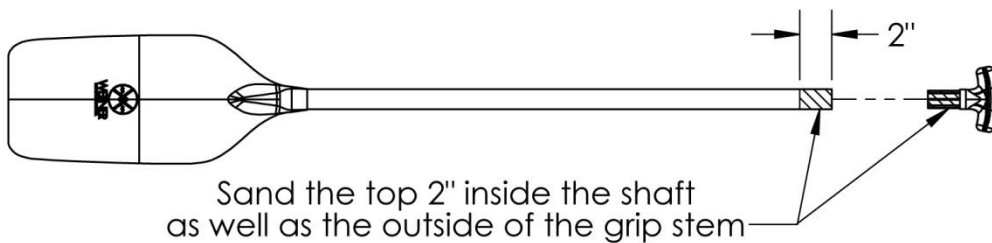
### **Installation Instructions:**



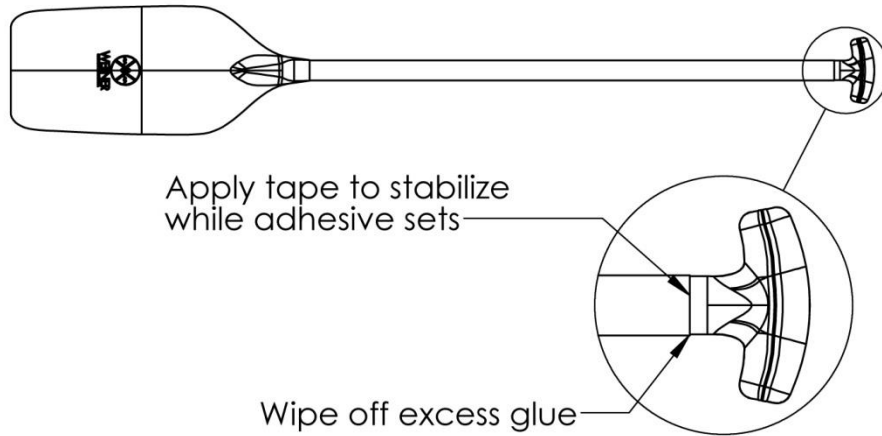
1. Mark your measurement.
2. Cut to length.
3. Finish end with sand paper if necessary to make edges smooth.



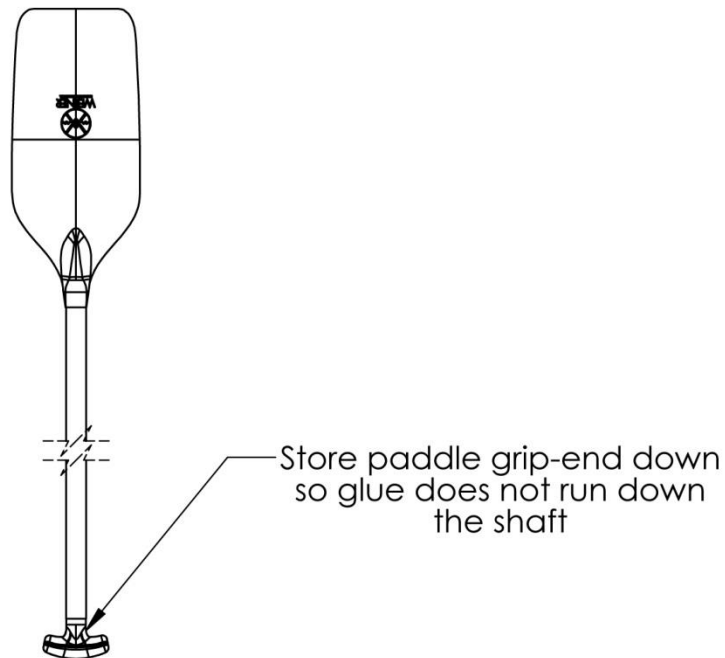
4. Sand inner diameter of shaft with sandpaper approx. 2 inches down from top of shaft.
5. Sand stem portion of the Canoe Grip with sandpaper. By abrading these two surfaces, it allows glue to properly adhere.
6. Apply approved adhesive evenly to both inner part of shaft and stem of Canoe Grip. (both sanded surfaces)



7. Insert grip into shaft. Twist to spread glue, creating a watertight seal.
8. Align grip along the same angle as the blade. It is critical that this this step be done properly, prior to the glue setting up. Failure to do so will render the paddle unusable once the glue is dry.



9. Wipe off excess glue that oozes out. Using masking tape, secure the grip in place to assure it does not twist in transit home.



10. Let Dry for 3-4 Hours with Grip end down so the glue does not run down shaft.

Remember, purchasing of uncut paddles is a privileged program and is a benefit to your inventory and sales. By choosing to take part in our uncut program, you agree that you are responsible for any customer service issues that may arise in the future in regards to the installation of the grip.

If you have any questions about the grip installation process please contact Werner Paddles Customer Service at 1-800-275-3311

**Approved Adhesives:**



The adhesive needed for the installation is a **waterproof, slow cure, high viscosity (i.e. thick) epoxy**. Werner Paddles cannot evaluate every product out on the market, but we have tested the adhesives listed below and have found that if they are used according to our Installation Instructions, they will provide an adequate bond. The below products are available at Home Depot, Lowe's, or Wal-Mart.

**Recommended Adhesives:**

Super Glue Anchor Tile epoxy adhesive  
Super Glue Delayed set epoxy  
Loctite epoxy gel  
Loctite Marine epoxy  
Devcon Plastic Welder  
Devcon 2 ton epoxy

**NOT Recommended Adhesives:**

PC11 epoxy paste  
Loctite Quick Set epoxy  
Devcon Flow Mix 5 min epoxy

If you have any questions about approved adhesives, please contact Werner Paddles Customer Service at 1-800-275-3311.