



Composite Recycling Technology Center
 2220 West 18th St.
 Port Angeles, WA 98363



Top Cap Adhesion



If for some reason a top cap has come loose from the post, it can easily be put back together with some adhesive. The key is to make sure the correct adhesive is used. For all bonded connections on the SwiftNet™, a 2-part epoxy adhesive is required. The adhesive we recommend is the one shown below. It can be purchased from Amazon or can be found in many hardware and home center stores.



J-B Weld 50139 Plastic Bonder Body Panel Adhesive and Gap Filler Syringe - Black - 25 ml

by J-B Weld
 ★★★★★ 278 customer reviews | 163 answered questions

Price: \$7.12 ✓prime FREE One-Day

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Eligible for amazon smile donation.

Size: 25 ml

- **PLASTICBONDER:** is a quick-set, 2 part, urethane adhesive system that provides strong, lasting repairs and works on thermoset, carbon fiber composites, thermoplastics, coated metals, concrete & more.
- **THE ORIGINAL COLD WELD:** JB Weld was developed as an alternative to torch welding. Designed to be effective in extreme environments, once it sets, it creates a permanent bond stronger than steel.
- **SIMPLE TO USE:** J-B PlasticBonder has a 1:1 mixing ratio, sets in 15 minutes and can be sanded after 30 minutes. With a tensile strength of 3770 PSI, PlasticBonder cures to a hard, permanent bond.
- **VERSATILE AND DEPENDABLE:** Perfect for indoor or outdoor use, epoxy & adhesives, plastic, composite, PVC, and more. Plastic Bonder makes a great gap filler and dries black in color.
- **DO IT YOURSELF:** Big or small, you can DIY it with J-B. Our heavy duty adhesives repair & restore it right the first time. JB Weld delivers the legendary performance of the World's Strongest Bond.

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The key to doing this repair is to make sure all the contact points are properly prepared. Please follow these steps to ensure a good repair:

1. Removed any old adhesive from either the inside of the top cap or the exterior of the post where the cap will be bonded.
2. Sand the contact points with a little sand paper
3. Wipe the contact point with alcohol if you have it or a damp cloth if not. Be sure to fully dry.
4. Read the instructions that came with the adhesive.
5. Remove the cap in the tip of the adhesive and set it to the side as you will need it again to seal the tube back up.
6. Squeeze out the black and white adhesive into the mixing tray that came with the adhesive. The mixing tray is the clear cover of the packaging that goes over the cartridge. There is a smaller area identified as "Mixing Tray"
7. Use the little wooden pop stick that came in the adhesive package to mix the adhesive. Mix in the "Mixing Tray" until it becomes a solid gray.
8. Apply the adhesive to both the interior of the top cap and to the exterior of the post where the cap will be joined.
9. Slowly place the top cap on the post and rotate back and forth as you slide the cap on to ensure that you do not skim the adhesive off as you merge the parts together.
10. Check the alignment of the cap relative to the feet to ensure you are centered so that the boom will come into the top cap in the correct position. Look to the post on the other side of the net to confirm the position.



Make sure the direction of the receiving end of the cap is perpendicular to the post. Once you set it, you will not be able to move it again, so take your time and get it oriented correctly. If it is not perpendicular, then the bow will not fit correctly and the net will not be straight.

11. Clean up any residue that may remain with a cloth or paper towel.
12. Replace the end cap back into the cartridge so that you can use the adhesive again in the future if ever needed.
13. Let the post sit undisturbed overnight to fully cure.
14. The post will be ready for usage in the morning.
15. Follow the below pull cord replacement instructions found on our website at www.crtc-wa.org if you are unsure how to re-thread the red cord that is in the top cap. You can also refer to the pictures below.
16. You are now ready to get back to enjoying the great game of Pickleball with your SwiftNet™.

Thank you again for your purchase of the SwiftNet™. The CRTC is a 501(c)3 not for profit that is working to do our part to help keep 50 million pounds of carbon fiber scrap from going into landfill globally. We take carbon fiber that would normally go into a Boeing 777X or 787 jetliner, and repurpose it into cool products that we design and sell that help to improve people's lives. In manufacturing these products here in Port Angeles, WA we provide employment to those who need a hand up. Your purchase of the SwiftNet™ helps to keep people employed, so we very much appreciate it. You can learn more about us at www.CRTC-WA.org

If you ever have the need for spare parts or accessories, they can be found at:

<https://www.compositerecycling.org/aerosportsequipment.html>

Please contact us should you ever have any questions as we are here to serve:

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