

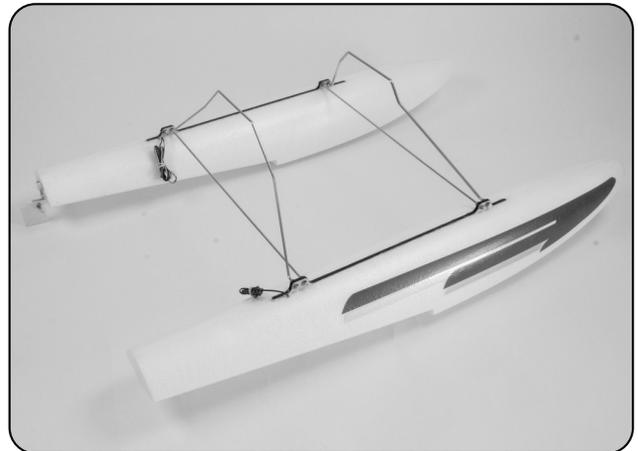
RV-8 FLOAT INSTALLATION INSTRUCTIONS

Required Tools: Blue Thread Lock #1 Phillips Screwdriver
 1.5mm Allen Driver 15-Minute Epoxy

Note: There are two lock collar sizes included with your float set. The two sizes are different inside diameters. The collars with the larger inside diameters (M5) are used for the front main strut (4), where the collars with the smaller inside diameters (M4) are used for the rear strut and spreader bars (12). **Always secure set screws with blue thread lock when assembling.**

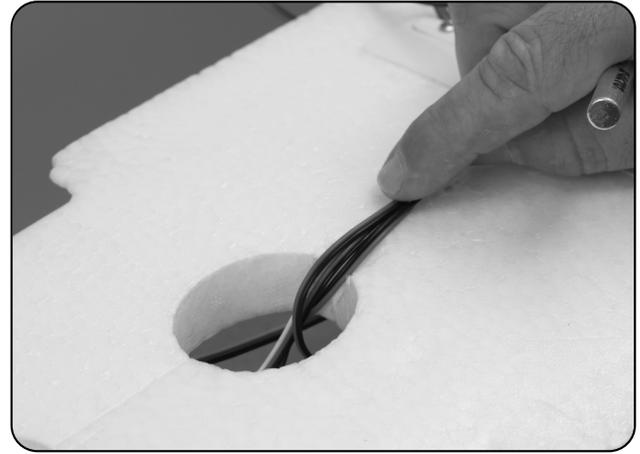
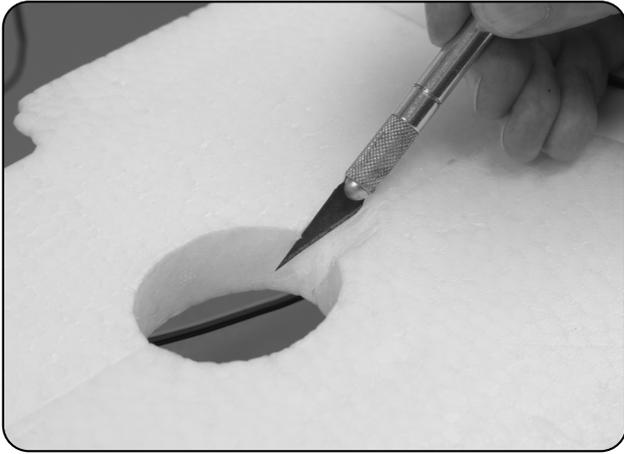


1. Secure the set screws to the flat spot closest to the middle of all of the struts and spreaders. Pay special attention to the size of the strut and inside diameter of the wheel collars. Use blue thread lock to secure the set screws in place.
2. Slide the struts through the wood mounts in each of the floats. Note that the 5mm diameter bent strut goes to the forward-most hole in the float, and angles aft as it nears the fuselage. The 4mm diameter bent strut goes in the rear-most hole, and angles forward as it nears the fuselage. Note the straight spreaders should go in the holes nearest the middle of the float.

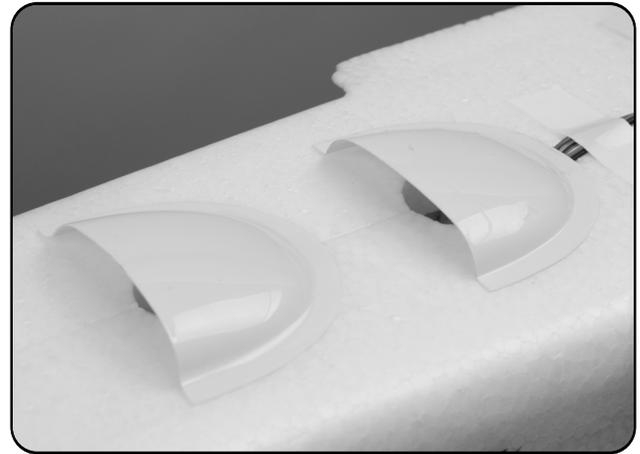


3. Secure the set screws to the struts on the outside of the plywood mounts. Pay special attention to the size of the strut and inside diameter of the wheel collars. Use blue thread lock to secure the set screws in place.

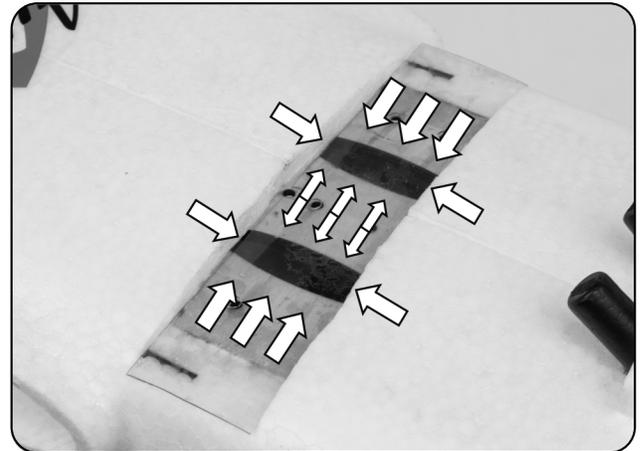
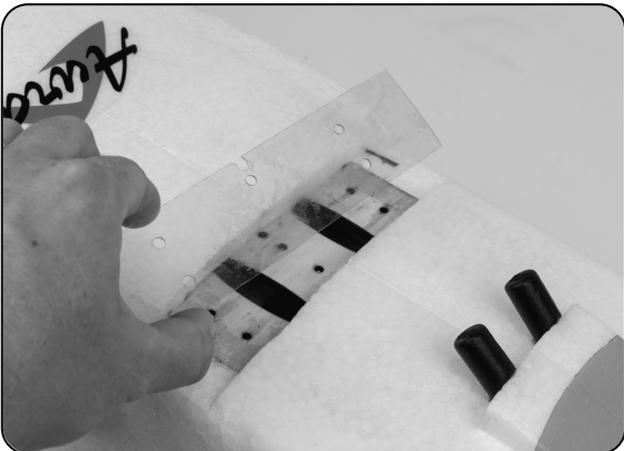
Fully Assembled Float Set



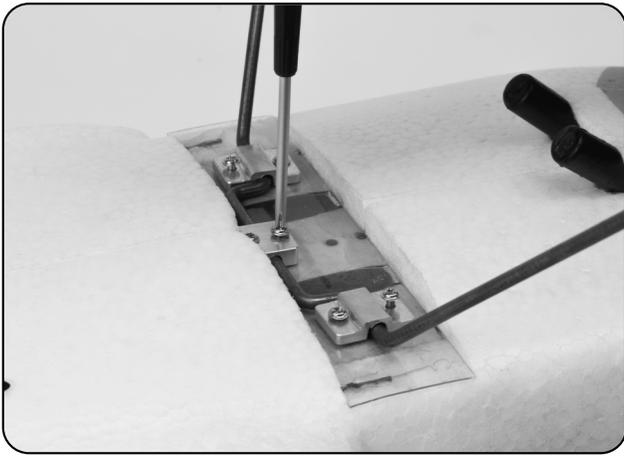
4. Use a hobby knife with a #11 blade to cut a small notch at the front of the front cooling hole to route the float water rudder servo lead and LED leads under the cooling hole cover. Be sure to open this enough to allow removal of the wires after the cooling hole cover is installed.



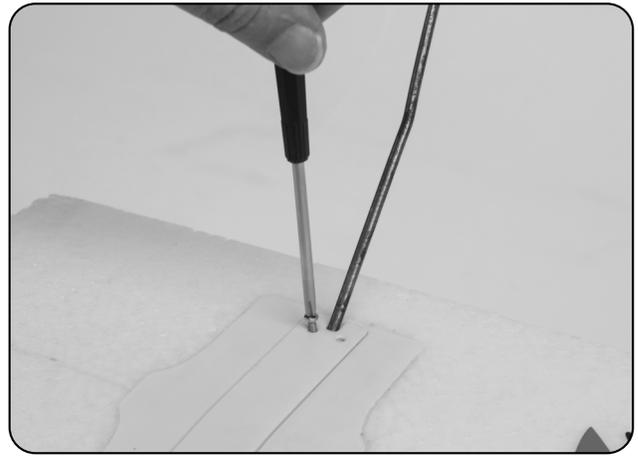
5. Use medium CA to glue the front and rear cooling hole covers on the fuselage.



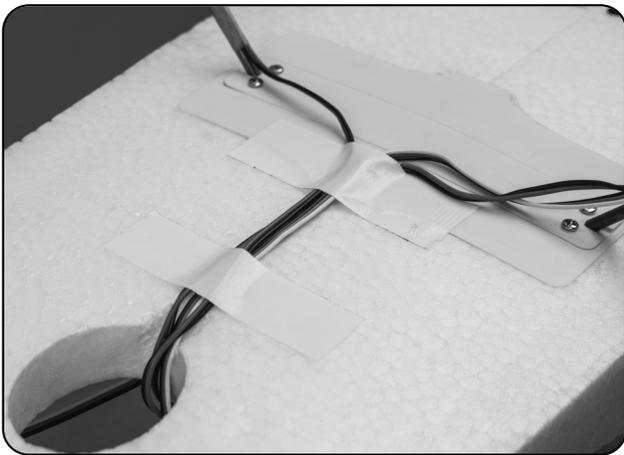
6. Remove the landing gear and rear float retaining plate from the fuselage. Using 15-minute epoxy install the clear plate included with your float set, being sure to align the holes in the plate with the holes in the fuselage. This plate is used to prevent water from entering the fuselage, so be sure to completely seal the plate to the fuselage by applying an adequate amount of epoxy in the areas shown in the image above. This plate will remain on the fuselage when you choose to go back to standard landing gear configuration.



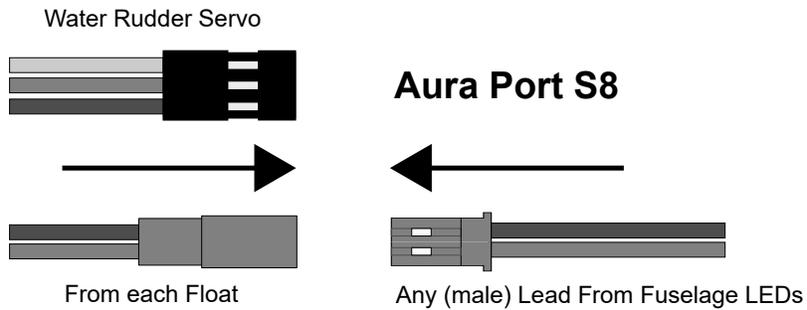
7. Place the front strut over the main landing gear mount in the fuselage. Use a #1 Phillips screwdriver and (6) M3x20 screws to secure the aluminum brackets over the front landing gear strut.



8. Place the rear float strut into the rear fuselage mount. Use a #1 Phillips screwdriver to re-secure the rear float retaining plate in place.



9. Use a high quality tape to secure the servo and LED wiring to the fuselage and float struts.



10. Route the LED leads and water rudder servo lead into the fuselage through the notch cut in step 4. Plug the water rudder servo lead into Aura Port S8 for any digital receiver connection. If using a PWM receiver connection, you will need to y-harness the rudder and water rudder servos together. Reference the diagram on page 15 of the main RV-8 instruction manual.

If you have a Night Version, plug the two float LED leads into either of the fuselage JST leads. The leads from the LED controller are reserved for the fuselage and wing LEDs. If you do not have a Night Version, simply secure the LED wires somewhere in the fuselage.

Thank you for purchasing your Flex Innovations Float Set for your RV-8!

We hope you enjoy your new float set!



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