RV-8 10E FLOAT INSTALLATION INSTRUCTIONS

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

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 (3mm) are used for the front and rear main struts (8) and use the 1.5mm Allen Driver, where the collars with the smaller inside diameters (2.5mm) are used for the spreader bars (8) and use the 0.050 in. Allen Driver. **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 3mm diameter bent struts go to the forward-most hole in the front of the float and the rear-most hole in the rear of the float, and they both angle towards the center (narrower gap) as they near the fuselage. The 2.5mm straight spreaders should go in the holes nearest the middle of the float.
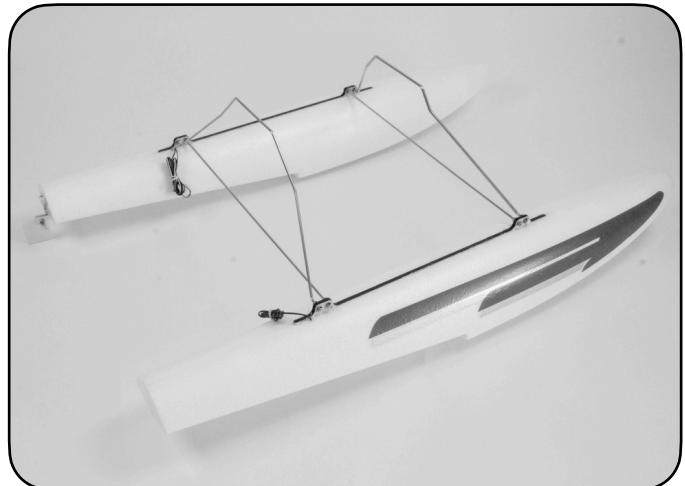
3. Secure the set screws to the struts on the outside of the plywood mounts. Pay special attention to the size of the strut and inside diameter of the wheel collars. Use blue thread lock to secure the set screws in place.


Fully Assembled Float Set
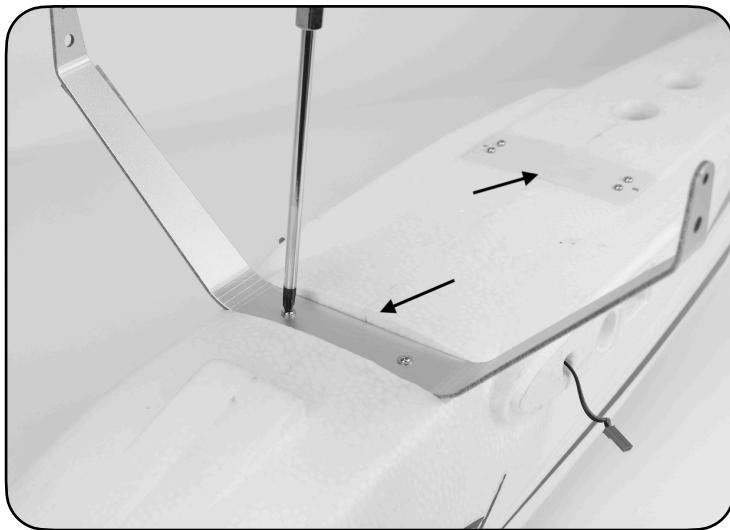
4. Remove the landing gear and rear float retaining plate from the fuselage using a #1 Phillips screw driver.
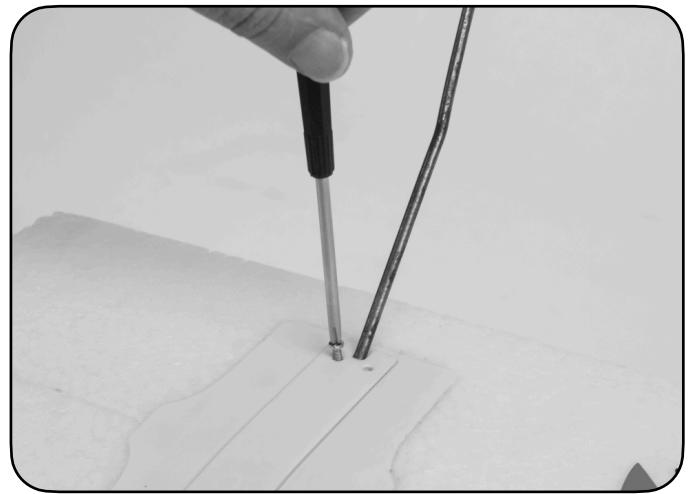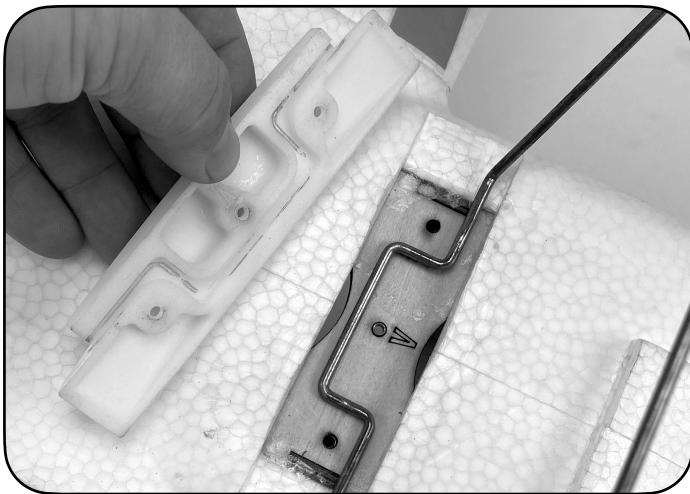
5. Place the front strut over the main landing gear mount in the fuselage. Use a #1 Phillips screwdriver and (3) M3x20 screws to secure the plastic bracket over the front float strut.

6. 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.

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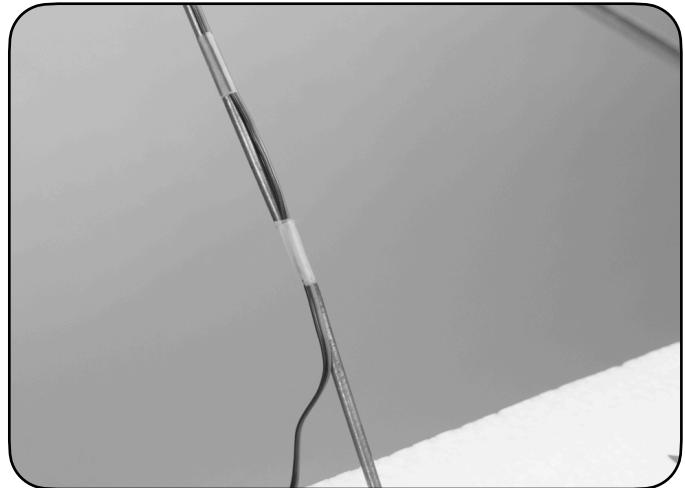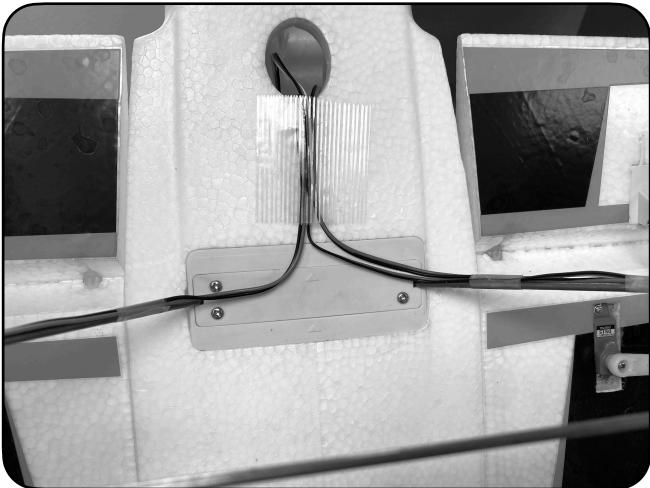
7. Use a high quality tape to secure the servo and LED wiring to the fuselage and float struts.

Water Rudder Servo
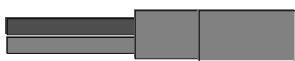
Aura Port S8

From each Float   **Any (male) Lead From Fuselage LEDs**

8. Route the LED leads and water rudder servo lead into the fuselage through the cooling hole in the fuselage. Plug the water rudder servo lead into Aura Port S8 for any digital receiver connection.

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.

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Thank you for purchasing your Flex Innovations Float Set for your RV-8 10E!

We hope you enjoy your new float set!
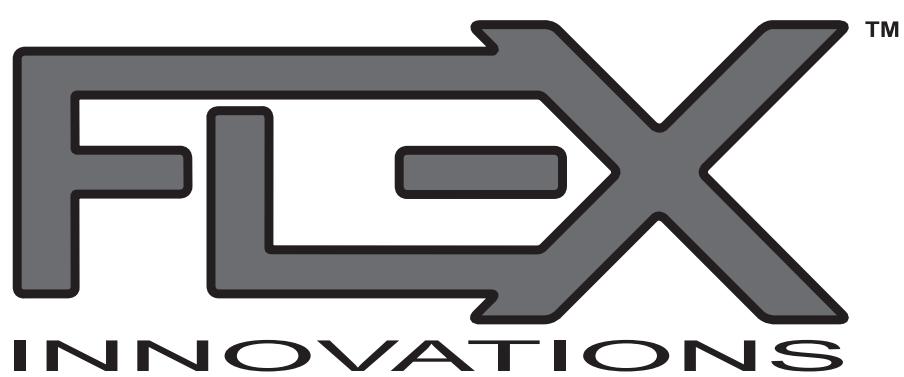
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