



Important Notice:

During the QC inspection, we discovered that the vertical fin speed lock is missing the carbon fiber top plate for the vertical fin. This component is essential for ensuring a secure lock.

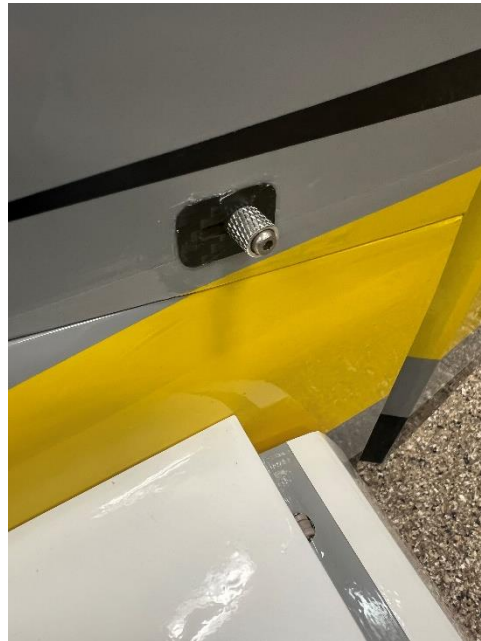
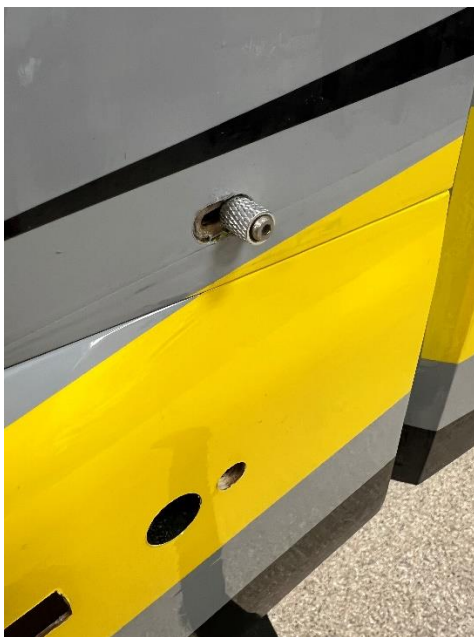
Flex Innovations will either include this part in your kit or mail it to you separately.

Please refrain from flying the airplane until this piece is properly glued in place.

The airplane will lose its warranty if this piece is not installed.

Thank you for your understanding.

Installing vertical fin speed lock plate



The picture on the left shows the missing plate, the picture on the right shows the installed plate

Installation Instructions:

1. Set the speed lock to the **LOCK** position. Test fit the plate by aligning the round hole with the knob and the slot.
2. Once you're satisfied with the fitness, remove the film where the plate will be placed.
3. Apply Goop or Epoxy and glue the plate.
4. Allow the glue to fully dry, then test the lock to ensure it operates correctly.

Manual Addendum RV-8 70cc G2

The Flex Design Team has incorporated valuable customer feedback and leveraged Flex Innovation's relentless quest for the ultimate flying aircraft, resulting in the creation of the second-generation RV-8 70cc. This latest model showcases a new level of performance and convenience, thanks to the addition of new features. With these improvements the following items have changed in the assembly process of the RV-8 70cc compared to the original G1:

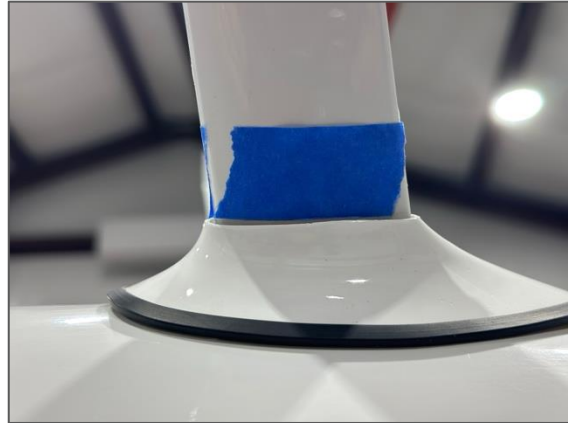
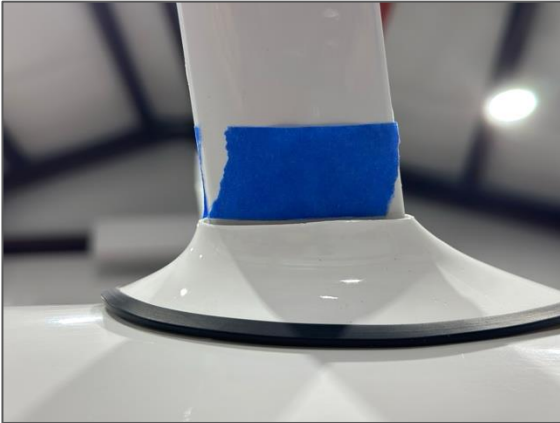
- Landing Gear Scuff
- Tail gear assembly
- Aileron Flap MPX Connector
- Rudder Pin Hinge
- Removable vertical fin
- Mounting the stab
- Wing installation

LANDING GEAR CUFFS

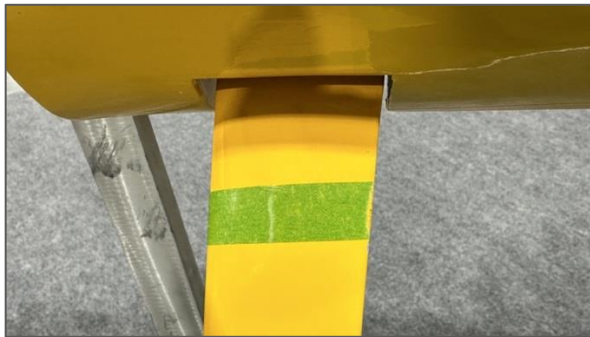


The landing gear cuffs are glued to the landing gear itself, and not the fuselage. This allows for easy removal of the landing gear.

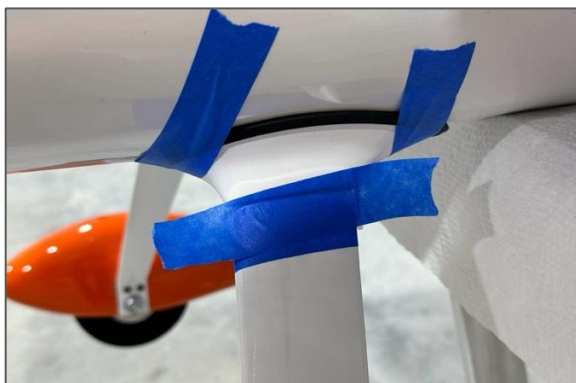
1. Slide the gear cuff up into place against the fuselage. Apply a piece of masking tape at the bottom edge of the cuff on each side of the landing gear.



2. Slide the cuff back down and apply a bead of adhesive on each side of gear based on where you marked the bottom of the cuff. We recommend a rubberized adhesive such as GOOP



3. Slide the gear cuff back up into place. Tape over the bottom of cuff to ensure no residual adhesive runs down the landing gear. Also tape the top of the cuff to the fuselage to keep it in place while the adhesive sets.

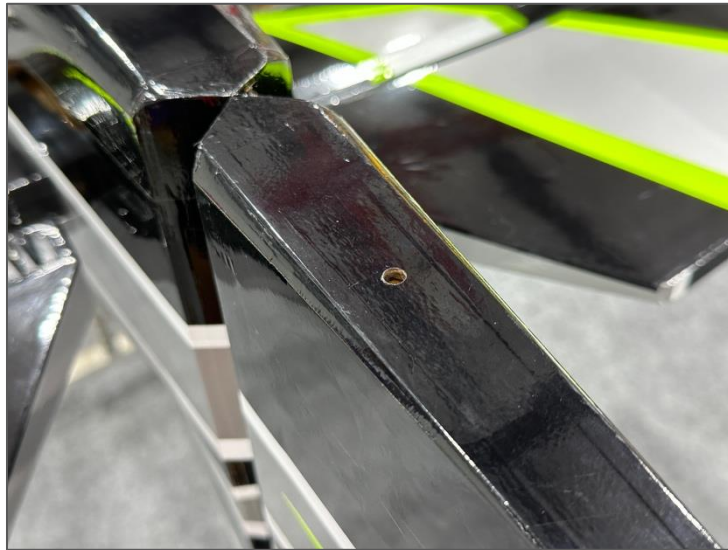


4. Keep airframe upright and allow the adhesive to cure for 24 hours (if using GOOP).

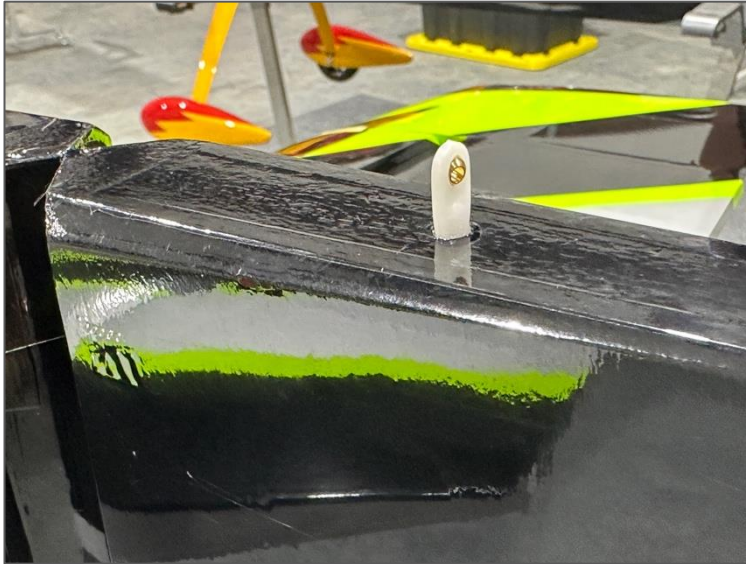
TAIL GEAR ASSEMBLY

The text and pictures below replace the provided manuals pages 18 and 19.

1. Locate the hole in the bottom of the rudder that will accept the ball link for the steering arm. It is about 3-3/8 inches (85mm) aft of the rudder hinge line. Use a hobby knife with a #11 blade to remove the covering from the hole.



2. Scuff the cylindrical part of the ball link with a medium grit sandpaper. Clean the ball-link with isopropyl alcohol and a paper towel to remove any leftover plastic particles.
3. Once clean and dry, apply adhesive and glue the steering ball link into the hole, keeping it square to the bottom of the rudder and perpendicular to the wire steering arm. Apply adhesive around the ball link for added strength.



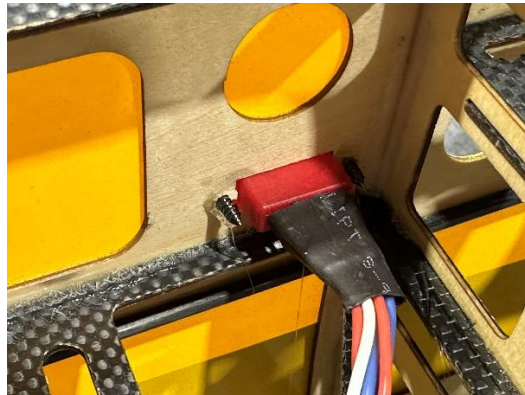
1. Once the adhesive is cured, slide the wire steering arm through the ball link and bolt the tail wheel mount in place using the supplied bolts and blue thread lock.



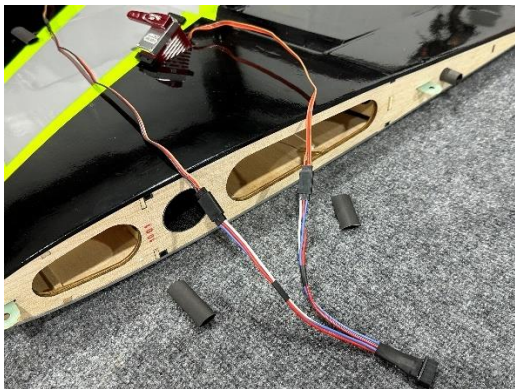
2. You can trim the steering wire leaving some overhang. Ensure that the steering wire stays on track within the ball link throughout the rudders full range of motion.

****Optional** Aileron and Flap MPX Connector Installation**

For the wing servos, the Dual Servo MPX Connector (FPZA1066) is an easy way to route both servos to the receiver. The fuselage has a slot specially designed to mount the MPX connector.

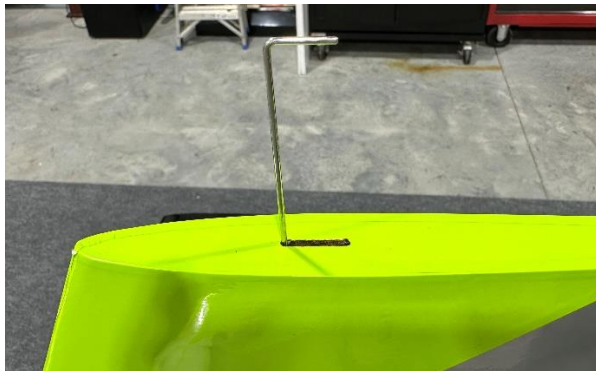


1. Be sure the leads of the connector are secured within the wing to help prevent them from coming unplugged.



RUDDER PIN HINGE

1. Install the rudder by making sure the slots in the hinges are aligned. Also be sure, the bottom of the rudder lines up with the bottom of the fuselage.



2. Run the wire through the top of the rudder through the hinges.



3. Press the top 90-degree bend of the rudder wire into the cutout on the top of the rudder.

REMOVEABLE VERTICAL FIN

Replace the provided instructions on pages 27 and 28 with video at this address:

[RV-8 70CC G2 FLS – Flex Innovations](#) Please reference the SPECIFICATIONS, MANUALS tab.

MOUNTING THE HORIZONTAL STAB

Replace the provided instructions for mounting the horizontal Stab located in page 34 and 35 with video at this address:

[RV-8 70CC G2 FLS – Flex Innovations](#) Please reference the SPECIFICATIONS, MANUALS tab.

CANOPY INSTALLATION

Replace the provided instructions for the installation of the canopy located in pages 76 and 77 with video at this address:

[RV-8 70CC G2 FLS – Flex Innovations](#) Please reference the SPECIFICATIONS, MANUALS tab.

WING INSTALLATION

Replace the provided instructions for the installation of the wings located on pages 72, 73, 74 with video at this address:

[RV-8 70CC G2 FLS – Flex Innovations](#) Please reference the SPECIFICATIONS, MANUALS tab.