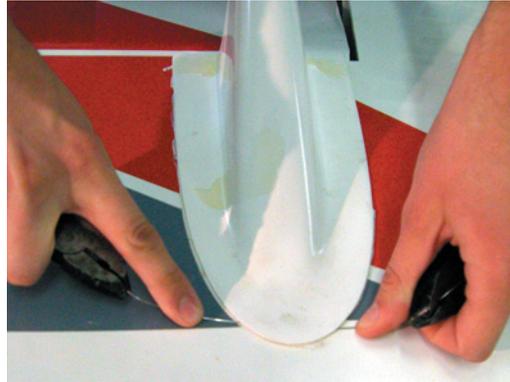
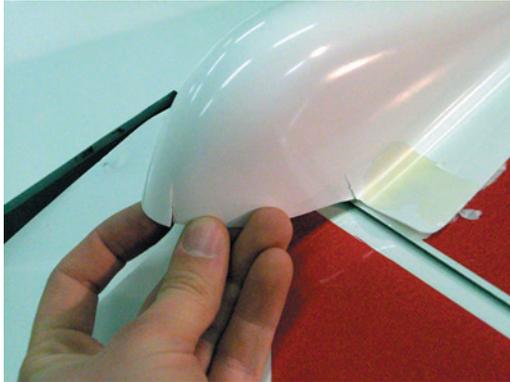


How To Replace The Aileron Linkage Covers

The aileron linkage covers are there to protect the aileron linkage and the associated wing opening. If yours are cracked or loose, replacing them is a straightforward procedure.



Grasp a short length of safety wire with pliers at both ends. Slip the wire beneath the aileron linkage cover as shown above and, with a sawing motion, release the adhesive that attaches the cover to the wing. Take care not to mar the surface of the wing.

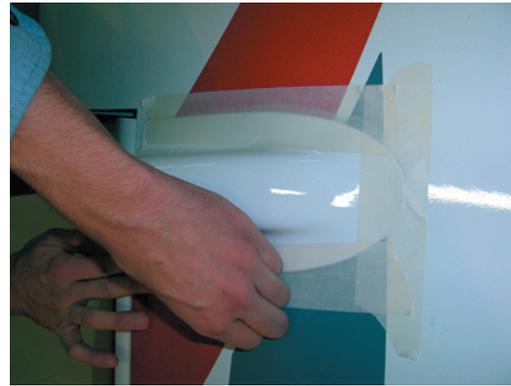


With the aileron linkage cover removed, the aileron linkage and the opening in the wing are revealed. Clean the working area and apply a liberal amount of 100% silicone sealant, such as GE Window and Door sealant.

Be sure that the bottom of the new aileron linkage cover is free of dust, grease or dirt and place it in position.



Press the aileron linkage cover down to spread the silicone and tack it in place. Move the aileron to its down position and check to see that there is sufficient clearance between the aileron linkage and the cover (above). Move the aileron to its up position and check to see if there is sufficient clearance between the aileron and the cover (below). Adjust the position of the aileron linkage cover as needed to maintain these clearances.



Press the aileron linkage cover down firmly and clean up any silicone sealant that is expressed around the edges. Use masking tape to hold the cover in place temporarily.



Pad the edges of the aileron linkage cover and clamp them to the wing overnight with webbing or stacked weights. Remove clamps, padding and tape when the silicone is set.