

Applies To:

Falcon 195's made with the original keel dimensions - where the rear keel ends 9" behind the rear wire attachment point.

Service Requirement:

None - this is an optional modification which serves only to raise the wingtips further off the ground at the expense of adding a small amount of weight and slightly increasing the tail heavy static balance of the glider.

Parts Required:

One piece 1.875" OD by .049" wall by 24" long 6061 T6 tube with 1.75" endcap pop riveted in one end and 3/8" through hole three inches in from other end.

Dealer Cost: \$25

Tools Required:

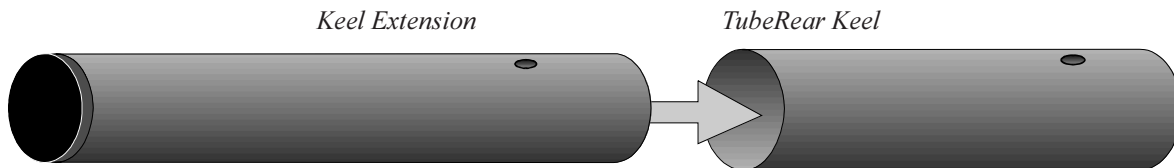
One flat blade screwdriver

One 5/16" wrench

One electric drill with 1/2" drill bit, 3/8" drill bit and 9/64" drill bit.

Procedure:

- 1) Disassemble the rear wire bolt junction at the rear of the keel.
- 2) Use the drill with the 1/2" bit to cut off the head on one end of the bushing through the keel. Remove the bushing and de-bur the end which was cut off.



- 3) Use the 9/64" drill bit to drill out the rivets holding the end cap in the rear end of the keel tube.
- 4) Slide the keel extension tube into the rear of the keel and align the 3/8" diameter hole in the extension tube with the hole in the keel.
- 5) Re-install the bushing in the 3/8" diameter hole, reaming the hole with the 3/8" drill bit if necessary (do not ream any more than necessary).
- 6) Re-assemble the rear wire junction.