Bulletin #: TB950601 Extending the Rear Keel Falcon 195's Date: 6/1/95 Page 1 of 1

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

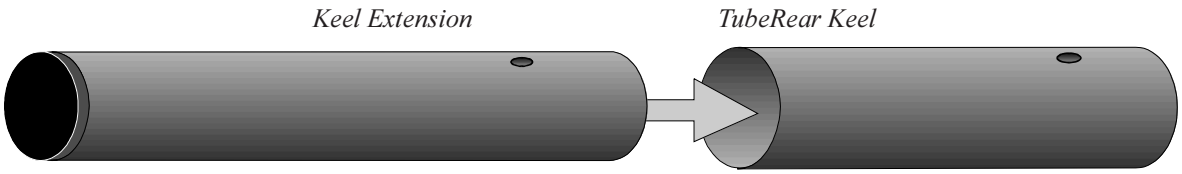
One 5/16" wrench

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.