

Wing Rigger 4XC™
Extended Chord Model
Version 1.0



Large two-place sailplanes such as the Duo Discus, DG-1000, Twin Astir and many others are now well accommodated by the Wing Rigger 4XC extended chord model. The new XC variant offers extraordinary adjustability while retaining the robustness and convenience of a Wing Rigger™.

XC Features...

- Two part molded fiberglass saddle extends chordwise in increments.
- Saddle components provide 6° friction swivel for airfoil accommodation.
- Saddle rotational axis can be positioned chordwise for best rotational balance.
- Increased height – XC adjustment range is 37.5” to 45.5” (or customize to need)
- Wing Rigger’s adjustable saddle rotation limit stop.
- Wing Rigger’s adjustable clamp angle at the trailing edge keeper.
- Wing Rigger’s 3-wheel stability with lengthened axle stubs for the XC model.
- Wing Rigger unique lifting gas spring in central column -- assist for raising wing.
- Outstanding Wing Rigger break-down for ease of trailer storage.

Adjustment Procedures for Wing Rigger model 4XC

To adjust chordwise length: remove the two swivel bolts in the leading edge saddle component; reposition along the side rails and reinstall the bolts. Torque to provide friction swivel tension then lock the adjustment with the double nuts.

To adjust rotational axis position: remove the four swivel bolts from the fiberglass saddle elements allowing complete removal of the metal structure. Remove one steel collar from the pivot rod to allow the pivot rod to be repositioned in the upper receiving column. Reinstall the side rails in the desired hole locations. Reassemble and tighten the swivel bolts to friction swivel tension; lock the adjustment with the double nuts. Apply inward force on the two collars with a clamp as the collar is tightened on the pivot rod.

Refer to the *Wing Rigger 4 Set-up document* for adjustment of the trailing edge keeper and the rotational limit stop.

