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Dual Yoke Installation Tips

1. Removal of aileron trim from single yoke

Assembly is attached to housing with three #8-32, flat head screws. Access to these screws can be gained by unscrewing the two halves of the trimmer knob. Since it is reverse threaded, one must **tighten** the two knob halves to loosen it. The parting line is between the knurl on the knob's outside diameter. Early version knobs have a series of dimples instead of knurling. Do NOT remove the retainer clip holding the plastic bezel.

2. Secure yoke at desired position

Install retaining collars then rotate the yoke to desired position and tighten the two set screws. Using an 1/8" Allen on a socket drive, tighten the set screws securely.

3. Logbook entry reflecting equipment change + new weight & balance

Cygnet PMA Supplement shows all applicable models. New weight and balance should show both single and dual yoke installation if the dual yoke is to be used occasionally. Cygnet Dual Yoke weighs 6.6 pounds and Ram's Horn Control Wheels are 2 pounds each. Compute new weight and balance with the elevator in the level flight position unless otherwise noted in Beech documentation. There is no change to the aircraft type certificate and this installation does not require a STC.

4. Control wheel leveling

Holes in adapter flanges are slightly oversized allowing some wheel rotation. Determine aileron neutral position; loosen the control wheels and place a straight edge on their lower surface. Hold wheels in level position and tighten.

5. Coil Cord Attachment

Tapped holes, #8-32 have been provided along the centerline of the chain access cover plates. This will allow installation of clamps to secure coil cord cabling.