

Updated: 6/25/2021

Yoke Clamp Spacer Requirements

Due to variability in elevator rigging from aircraft to aircraft, a spacer may be necessary to position the Yoke Clamp Fork correctly. This is done in order to optimize the range of motion of the Elevator Actuator. To determine if any spacer is required, without the PortaPilot installed, fly the aircraft trimmed for Straight and Level flight at an altitude and power setting you typically fly on cross country trips. When stable and safe to do so, measure the distance between the Yoke Collar and the Yoke as shown below (pictured on ground for demonstration only).



Refer to the table below to determine if a spacer is required. Match the extension amount that you measure to the nearest value in the table below. Spacer kits must be purchased separately, and comes with a spacer and three fasteners. The spacer must be placed between the top half of the Yoke Clamp and the Fork, using a small amount of blue loc-tite or similar on the fasteners.

Extension Amount	Parts Required	PN to Order
4.5"	None	N/A
4.89"	0.385 Spacer	AC-YFSPC1
5.27"	0.77 Spacer	AC-YFSPC2
> 5.66"	Shaft Mount YC	TBD