Applies To

Installation of Finster wheels on 1.25” diameter basetube on Falcon Tandem

Introduction

Finster 8” pneumatic wheels can be installed on the 1.25” diameter basetube of the Falcon Tandem glider, by following the procedures below.

Parts Required

QTY	ID	Description
4	20A-1502	BUTTON SPRING DOUBLE(Modified with 13 degree bend)
2	70M-1026	WHEEL FINSTER W/BUSH 1.25 ID

Tools Required

If basetube is already drilled for button springs, only a long shank, flat blade screwdriver is required.
If basetube is not drilled, a ruler, punch, and drill motor with a 17/64” diameter drill bit are also required.

Procedures

If basetube is not drilled with the holes for the button springs, refer to the attached diagram and drill two new 17/64” holes in each end of the basetube in the locations shown. (Note, these holes should be in the horizontal plane, as shown, the same as the hole for the basetube end bracket.)

Use the flat blade screwdriver to push each of the button springs into the basetube so that they engage in the holes that you drilled. The buttons will retain the wheels in place on the basetube.

To install the wheels, simply slide them over the outer button spring until they are located between the two button springs. Due to the gap between the inside ends of the wheel bushings, you may find it helpful when installing and removing the wheels to push the wheels sharply over the button spring so that the button does not catch in this gap.



