Supercedes

TB940201

Applies To

Converting an AT hardware equipped Wills Wing Glider from round legs to streamlined legs, or vice versa.

See Also

TB930801	Downtube End Plug Damage
TB930802	Cbar Plug / Side Wire Tang – 93 and Later Plugs will require new bottom side wires.
TB931101	Toe-In Downtube Plugs – Use of Toe-In Streamline legs on pre-RamAir models will require new bottom side wires.
TB20020602	AT Control Bar Elbow Design Changes

Introduction

AT hardware style gliders not equipped with VG systems and excluding the Falcon Tandem model can use either round or streamlined legs. To convert from one to the other requires the appropriate size and style of legs, and the hardware listed below.

Parts Required To Convert From Round To Streamlined:

Qty	ID	Description
1	10A-3261	BOLT AN5-26A
4	10G-1330	CLEVIS PIN MS20392-2C33
1	10N-1250	LOCKNUT LOWPRO 5/16 AN364-5
1	10T-1133	SPACER AL .5 * .095 * 1.42
2	10U-5125	WASHER NYLON .75 * .316 * .020
1	20G-1425	CBAR PLUG AT LEG BOT STR 97 LEFT
1	20G-1426	CBAR PLUG AT LEG BOT STR 97 RGHT
2	20G-1433	CB PLUG ATLEG TOP STR TOEIN
2	20G-1712	CBAR ELBOW AT TOP STRM REV B

Parts Required To Convert From Streamlined To Round:

Qty	ID	Description
2	10G-1370	CLEVIS PIN MS20392-2C37
2	10G-2370	CLEVIS PIN MS20392-3C37
1	10G-3590	CLEVIS PIN MS20392-4C59
1	10P-1100	SAFETY RING AN 9491 SMALL
4	10P-1300	SAFETY RING MEDIUM THICK
1	10U-5125	WASHER NYLON .75 * .316 * .020
2	20G-1402	CBAR PLUG AT LEG BOTM ROUND 95
2	20G-1412	CBAR PLUG AT LEG TOP ROUND
2	20G-1703	CBAR ELBOW AT TOP ROUND REV B

Procedures

Streamlined legs are mounted to the control bar apex bracket with the elbows bolted to the OUTSIDE of the bracket ears, with the nylon washers between the ears and bracket. The 1.4” long spacer is mounted between the bracket ears. Round legs are mounted to the control bar apex bracket with the elbows fitted BETWEEN the bracket ears, and one nylon washer between the elbows. ALL HARDWARE listed must be used in the conversion.