

Supersedes

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:

| <u>Qty</u> | <u>ID</u> | <u>Description</u> |
|------------|-----------|-----------------------------------|
| 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 RIGHT |
| 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:

| <u>Qty</u> | <u>ID</u> | <u>Description</u> |
|------------|-----------|--------------------------------|
| 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.