Bulletin #: TB941102 RamAir Leading Edge Sleeve Replace Date: 11/22/94 Page 1 of 1

Applies To:

Any RamAirs assembled with incorrectly fabricated rear leading edges.

See Also:

Technical Bulliten # TB941101 - 11/8/94.

Items Provided By Wills Wing For This Retrofit:

(2) 12" long 48 mm rear leading edge inner sleeves, notched at the forward end and beveled at the rear end.

Tools Required For the Sleeve Installation:

Electric Drill 1/8" or smaller drill bit 3/16" drill bit Center Punch

Installation Procedure:

1) Lay the glider on the ground in the bag, zipper up, and unzip the bag full length. Remove the velcros and tip bags and spread the wings slightly.

2) Dismount the rear leading edge sail mount webbing from the slotted endcaps. Slide the sail forward beyond the point where the rear leading edge exits the front. Mark the rear leading edges left and right, and mark across the rear to front leading edge insertion junction, to assist with proper alignment and to insure full engagement during re-installation.

3) Following the diagram below. For each leading edge:

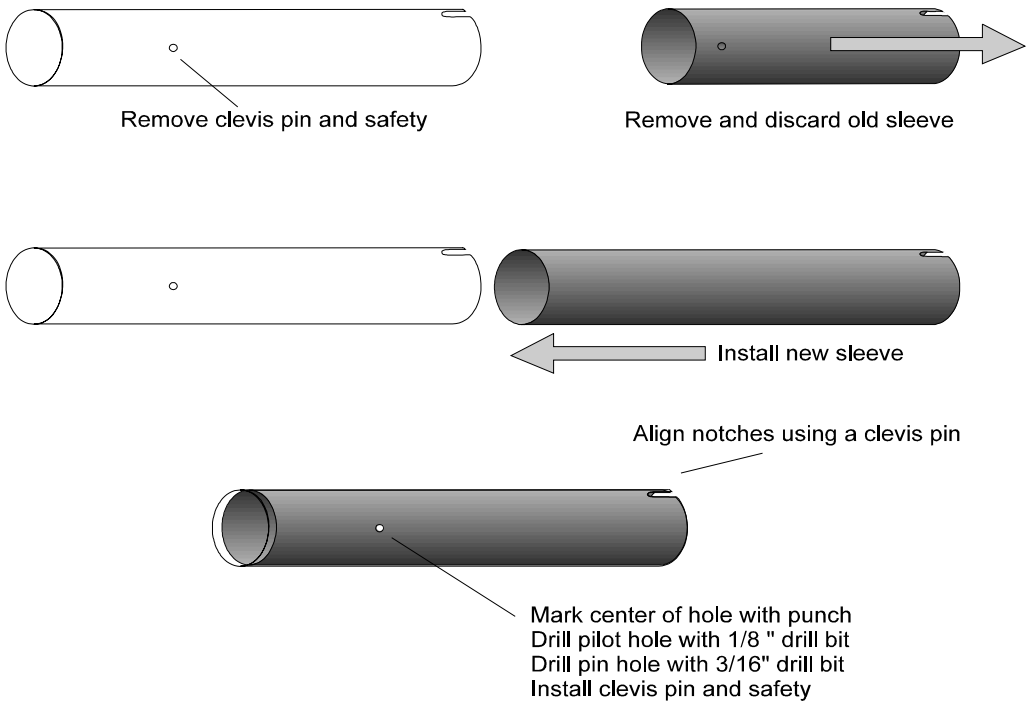
a) Remove and discard the existing 48mm innersleeve.

b) Install the new innersleeve until it is flush with the front end of the rear leading edge.

c) Align the slots in the inner sleeve with those of the rear leading edge. Use a clevis pin to maintain this alignment precisely while marking and punching the innersleeve.

d) Using the existing 3/16" hole in the rear leading edge, carefully mark the innersleeve on each side with the center punch at the center of the 3/16" hole. Remove the innersleeve and, using this punch mark, and taking care not to let the drill wander, drill a hole in each side of the innersleeve at the marked location. Drill first with the 1/8" or smaller drill bit, and then with the 3/16" drill bit. Debur the holes and re-install the innersleeve and secure it with the clevis pin and safety.

4) Re-install the rear leading edges into the front leading edges and remount the sail. Use the marks you made to properly align the rear leading edge and to insure that you have fully engaged the rear leading edge into the front



Documentation Procedure:

Please give us a call or drop us a note to confirm that the glider has been modified. Please include the serial #.

We apologize for any inconvenience this recall may cause you or your customers, and we thank you in advance for your help.