

**Applies To:**

Sport 2 and U2 Sweep Wires made between 8/9/2016 and 10/3/2016, and possibly earlier.

**Service Requirement:**

Inspect and service as necessary.

**Tools Required:**

Dial Calipers

**Parts Required:**

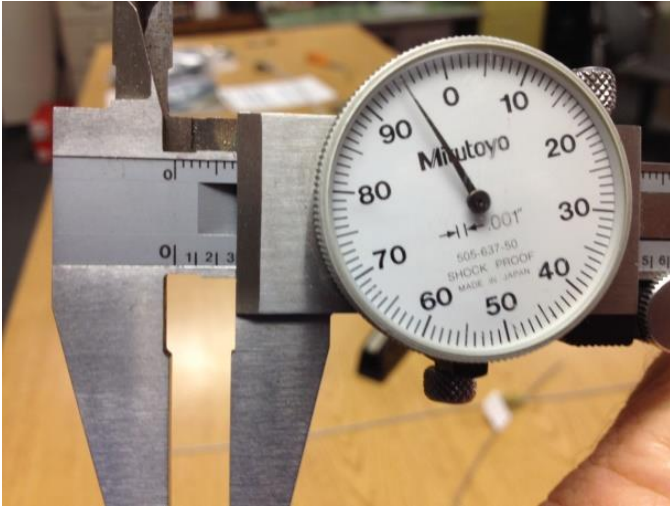
None

**Background:**

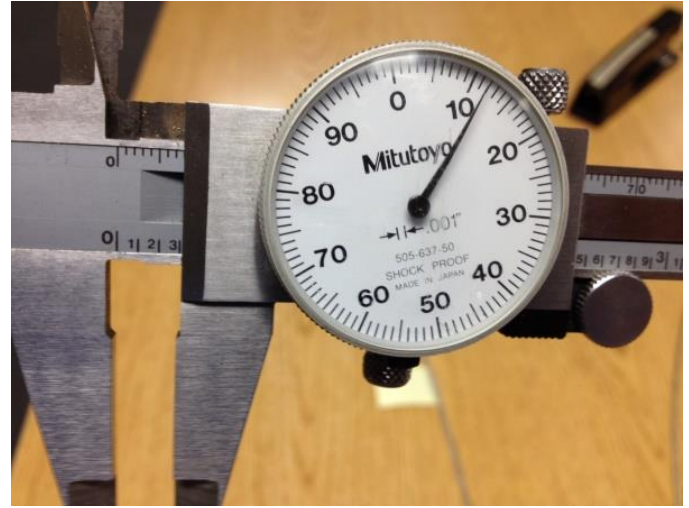
Refer to the photos below. We recently found that the red nico stops that secure the mounting of the rear triple block on the Sport 2 and U2 sweep wires were not pressed to the proper dimension on some gliders due to a malfunctioning nico press tool. Under load, when the VG is engaged, this can cause the nico stops to slip forward on the cable, changing the VG adjustment and reducing the VG range.



When pressed properly, the nico stop should measure 0.293 inches (7.44 mm) across the direction of the press (as shown above). The improperly pressed nico stops will measure 0.312 inches (7.92 mm).



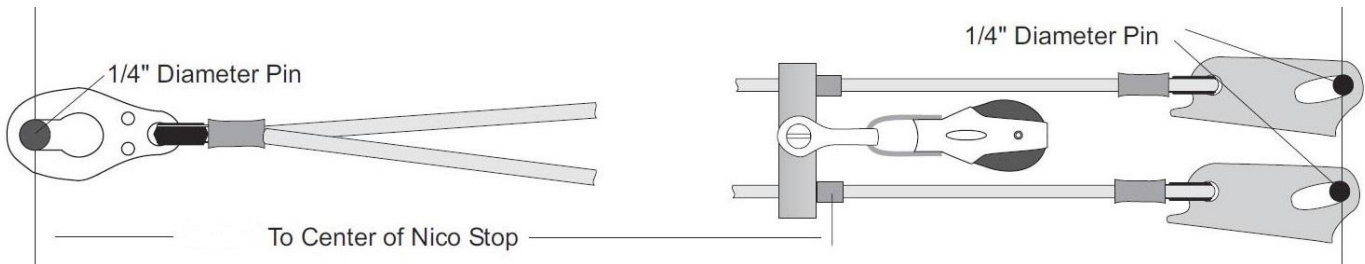
**Correct**



**Incorrect**

Step 1 is to measure the pressed dimension of the red nico stops. If it is  $0.293 \pm .02$ , no further action is required. If it measures greater than .295, the wire should be checked for proper location of the stops, and if they are properly located the stops should be re-pressed to the proper dimension. This requires a nico press tool with a “J” slot. If the stops measure greater than .295 and are not in the correct location ( $\pm 0.2$  inches or 5 mm), the sweep wire should be replaced.

To check for proper location of the stops, refer to the diagram and chart below:



Model - Size	Distance to Center of Nico Stop	
	inches	mm
Sport 2 135	45.1	1145
Sport 2 155	41.6	1057
Sport 2 175	41.6	1057
U2 145	46.5	1181
U2 160	45.0	1143

If you have questions or need assistance, please contact your dealer or Wills Wing.