

Woodcomp Propellers

Bulletin Number: 1/2007

Issue Date: 19.1.2007

Subject: Security of Brushes

Classification: Mandatory

Props Affected: All SR2000 & SR3000 in flight adjustable propellers.

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Compliance: before next Flight

Introduction:

Following in the field experience it has been found necessary to improve the security of the brushes in the brush housing, and the security of the wires to the brushes.

Action:

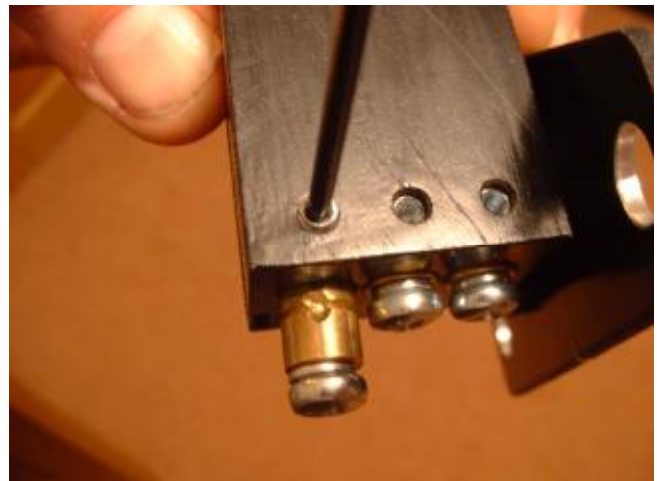
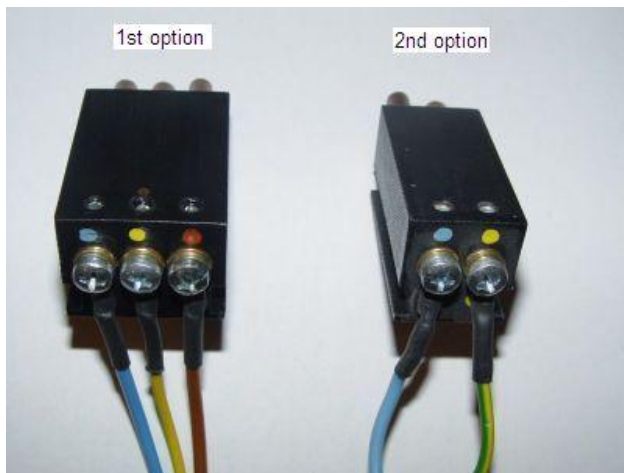
Using a suitable Phillips screw driver remove the M4x6 Pan head screws securing the wire ring terminals to the brush keeper.

Using a 2mm hex key remove the grub screws M4x6. The internal spring will probably push the back of the brush keeper out. Apply a small amount of Loctite to the thread of the grub screw. Push the brush keeper back into place ensuring that the location dimple is correctly positioned at the top.

Apply a small amount of Loctite 243 (or similar) to the thread on the pan head screw. Re- install the pan head screws with their relevant wires..

Enter the work in the aircraft log and if necessary have the work signed off by an appropriate inspector.

Warning the housing is manufactured from composite material – carefully tighten the screws hand tight only



End