

LINDSTRAND HOT AIR BALLOONS LTD

SERVICE INSTRUCTION NO. 1

Issue 1, Dated 13 August 2007

Title: Burner Valve Toggle Handles
Classification: Advisory
Applicability: All Lindstrand Burners
Compliance Standard: Achieve During Next Annual / 100 Hour Inspection

Background

It has been found that on two burners which have been exposed to vibration during transportation, the grub screws which retain the toggle pivot pin had shaken themselves loose and the pin had come out, resulting in the toggle handle coming off.

As part of the production process, these two grub screws are retained in place using a small amount of Loctite 243 to prevent this loosen process (see Photo 1).

Accomplishment Instructions

Check the tightness of the pivot pin grub screws using a 2 mm Allen key. If the grub screws are loose then remove them completely. Clean off any existing Loctite. Re-apply a small amount of Loctite 243 to the pointed end of the grub screw. Tighten up the grub screw ensuring that it is bearing on the machined flat on the pivot pin (see Photo 2).

PHOTO 1
Handle Grubs

Check tightness of
these grubscrews

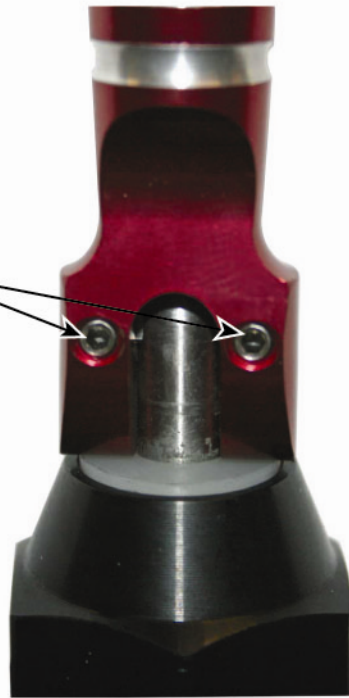
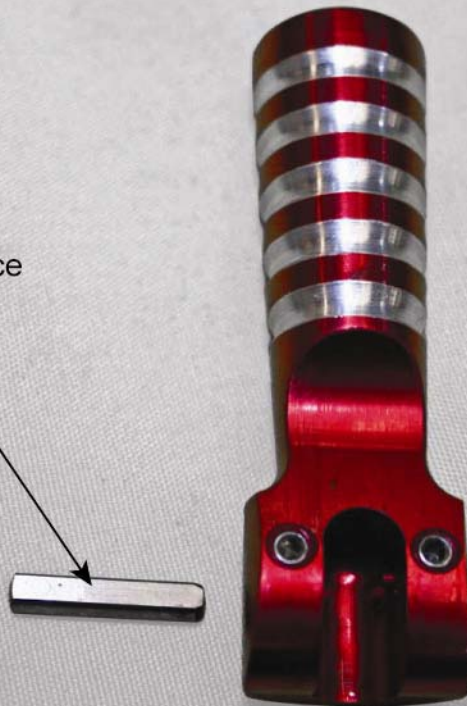


PHOTO 2
Pivot Pin Orientation

Note Machined Flat
on Pivot Pin must face
the grubscrews



Skill Level

The skill level required to accomplish this Service Instruction is standard. This means that pilots are capable of completing the work / inspection required.

Documentation

Complete the maintenance section of the aircraft / equipment record with the comment "SI No. 1 accomplished" and sign and date the signature section.