



# TEMPEST<sup>®</sup> excellence

AERO ACCESSORIES, INC.  
**SERVICE BULLETIN**



**SERVICE BULLETIN: SB-009**  
**SUBJECT: Possible Loose Contact Button.**  
**APPLICABILITY: Contact Assembly A-13081.**

**Affected part:** Contact Assembly A-13081

**Background:** A loose contact button may cause engine roughness. Roughness may be apparent at any engine speed. It may be particularly apparent during magneto checks (preflight mag drop checks). If you experience any abnormal engine roughness or magneto rpm drop, do not fly the airplane. If you experience any abnormal engine roughness in flight, land the airplane at the next safe opportunity and have the cause of the roughness investigated and corrected.

Date Code



Date Code is stamped in ink on the back of the base.

**Affected Date Codes:**

CONTACT ASSEMBLY P/N A-13081	
Date Code	Mfg. Date
029L	2/15/2013
029Z	2/15/2013
02AO	2/18/2013
02A1	3/11/2013
02EA	3/12/2013
02EB	3/19/2013
02EC	4/15/2013
02PB	4/24/2013
02PC	4/25/2013
02PD	5/8/2013
02X7	5/14/2013
036S	6/12/2013
036T	6/12/2013
036U	6/18/2013
03CZ	6/18/2013
03D0	6/20/2013
03D1	6/26/2013

CONTACT ASSEMBLY P/N A-13081	
Date Code	Mfg. Date
03IT	7/24/2013
03IU	7/26/2013
03WD	9/9/2013
03WE	9/10/2013
03WF	9/12/2013
03WG	10/1/2013
047H	10/10/2013
047I	10/14/2013
04BJ	10/21/2013
04BK	10/30/2013
04GS	11/20/2013
04GT	11/25/2013
04LK	11/26/2013
04LI	11/27/2013



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**SUBJECT: Possible Loose Contact Button.**

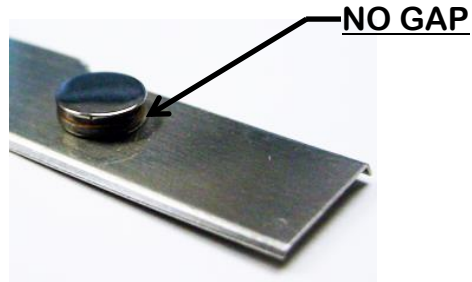
**APPLICABILITY: Contact Assembly A-13081.**

### Compliance:

- a. For parts installed in aircraft; if abnormal engine roughness or mag drop is observed, remove the affected magneto(s) and determine the cause of the excessive roughness or mag drop. Remove the contact assembly(s) from the magneto.

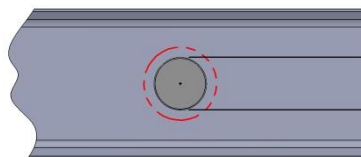


CONTACT BASE TOUCHING  
SPRING AROUND ENTIRE  
CIRCUMFERENCE  
NO GAPS



- b. The contact button must be tightly riveted to spring element and exhibit no evidence of looseness. There must be no gap between the underside of the contact button and the spring or base.

- c. Measure the diameter of the upset shop head of the rivet. It must be no less than .130 inch in diameter.



$\phi$ .150  
.130  
SPRING CONTACT  
BUTTON SHOP HEAD

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- d. If there is any evidence of looseness of the contact button, and/or a gap exists under the contact button, and/or the diameter of the upset head of the contact button is less than .130 inch, remove and replace the contact assembly with a contact assembly having a date code other than those affected by this bulletin.
- e. For parts installed in magnetos in inventory; determine if the contact assemblies are from the affected date code groups. If so, remove the contact assemblies from the magnetos and replace them with a contact assembly having a date code other than those affected by this bulletin.
- f. For uninstalled parts at distributors, dealers, repair stations, or other facilities; if the inventory includes parts affected by this bulletin, remove them from inventory. Do NOT release affected parts for service.
- g. Disposition of Affected Parts; contact Tempest<sup>®</sup> at 1-770-502-9952 for instructions regarding the return and replacement of contact assemblies affected by this bulletin.

**Safety First:** Tempest<sup>®</sup> and Aero Accessories, Inc. are customer service oriented companies committed to technical innovation in pursuit of aviation safety. While Tempest<sup>®</sup> and Aero Accessories, Inc. have no authority to compel owners to act responsibly and take prudent action to insure their own safety and the safety of others, Tempest<sup>®</sup> and Aero Accessories, Inc. believe compliance with this Service Bulletin is important and will help insure better maintained and better performing products.

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