

»» Service Bulletin

FAA Approved

Number: B08-03 A

Initial Release

Date:	07/21/08	Mandatory Service Bulletin No. B08-03
Subject:	Reprint of MANDATORY Unison Slick Service Bulletin No. SB2-08 – Premature breaker point cam wear.	
Application:	All Superior Air Parts engines or kits, new, overhauled, rebuilt or repaired containing: <ol style="list-style-type: none">1. Slick model 4300/6300 series magneto serial numbers beginning with 0610XXXX through 0804XXXX. (The magneto model number and serial number can be found on the magneto data plate. The serial number code is a 2 digit year, 2 digit month, and a 4 digit identification number).2. LASAR model 4700/6700 series magneto with a serial number beginning with 0610XXXX through 0804XXXX. (Serial number location is the same as above).3. Any magneto which has had the cam or the cam as part of the contact point assembly kit replaced after October 1, 2006.	
Warranty:	If damage or premature wear listed in this Service Bulletin is discovered during inspection, and the magneto is within Unison's 1-year warranty period, the magneto may be returned through your point of sale for warranty replacement. For magnetos outside the 1-year warranty period in which components listed in this bulletin have failed, those components may be returned under warranty through your point of sale.	
Compliance:	Within the next 50 hours of the effective date of this service bulletin. Then at every 100 hours of engine operation or at annual inspection, whichever comes first. Superior Air Parts has learned that all new, overhauled, rebuilt, or repaired engines with a Unison Industries Slick Magneto model 4300/6300 or LASAR model 4700/6700 magneto with the serial number within the range listed above may experience premature wear of the breaker point cam. Premature cam wear can cause excessive timing drift which may lead to low magneto output power. Unison Industries MANDATORY Service Bulletin No. SB2-08 is reprinted in its entirety on the following pages. SAP requires compliance with all elements of this Service Bulletin and with the additional notes listed. This reprint is current at the issue of this service bulletin. However, when complying with this service bulletin, ensure that the reprint of Unison MANDATORY Service Bulletin No. SB2-08 is still current at the time of compliance.	

SLICK SB2-08A

Service Bulletin (Corrected Copy)

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TO: Aircraft manufacturers, distributors, dealers, engine overhaul facilities, owners and operators of Slick Aircraft Products aircraft magnetos.

SUBJECT: Mandatory inspections on all Slick 4300/6300 and LASAR™ 4700/6700 magnetos

MAGNETO MODELS

- AFFECTED:
- Slick and LASAR™ magnetos with serial numbers beginning with 0610XXXX through 0804XXXX
 - Magnetos which have had the cam, or the cam as part of the contact point assembly kit, replaced between October 1, 2006 and May 11, 2008.

ENGINE MODELS

AFFECTED: Engines utilizing Slick and LASAR™ magnetos.

AIRFRAME MODELS

AFFECTED: Aircraft utilizing Slick and LASAR™ magnetos.

BACKGROUND

INFORMATION: Field reports indicate premature wear of breaker point cam in the serial number range listed in MAGNETO MODELS AFFECTED. Premature cam wear can cause excessive timing drift, causing low magneto output power.

COMPLIANCE: All magnetos that have had a cam, or the cam as part of the contact point assembly kit, replaced between October 1, 2006 and May 11, 2008, and all magneto models in the specified serial number range noted in MAGNETO MODELS AFFECTED. Inspect affected magnetos within the next 50 hours of the effective date of this Service Bulletin. Then, inspect every 100 hours thereafter or annual inspection, whichever comes first. See Detailed Instructions for Service Bulletin ending compliance information.

PROOF OF

COMPLIANCE: Appropriate logbook entries.

PARTS REQUIRED

PER BULLETIN: Replace magneto or M3611 cam as required.

TOOLS REQUIRED

PER BULLETIN: Slick T-100 Tool Kit, magneto timing light, T-300 SynchroLASAR™ and standard shop tools as applicable.

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WEIGHT CHANGE: None.

REQUIRED SERVICE

LITERATURE: Refer to the following literature as applicable when performing the detailed instructions contained in this bulletin:

Slick 4300/6300 Magneto Maintenance and Overhaul Manual L-1363

LASAR™ 4700/6700 Magneto Maintenance and Overhaul Manual L1503

Slick Service Bulletin SB3-08, Mandatory inspections on all Slick 4300/6300 and LASAR™ 4700/6700 magnetos

WARRANTY

INFORMATION: If damage or premature wear listed in this Service Bulletin is discovered during inspection, and the magneto is within Unison's 1-year warranty period, the magneto may be returned through your point of sale for warranty replacement. For magnetos outside the 1-year warranty period in which the replacement cam, or the cam as part of the contact point assembly kit has failed, the cam may be returned under warranty through your point of sale.

DETAILED

- INSTRUCTIONS:
1. Check engine timing per engine operator's manual. If engine to magneto timing is retarded more than 4° from base timing (nominal engine manufacturer's timing), cam must be replaced per the applicable Maintenance and Overhaul Manual.
 2. Service Bulletin ending compliance can be documented after the cam has been replaced by one manufactured May 12, 2008 or later (controlled by manufacturer-dated packaging) and an appropriate logbook entry has been made.
 3. For magnetos that have not had the cam replaced, Service Bulletin ending compliance can also be documented if, after 200 hours of magneto operation, there has been no significant engine to magneto timing drift as identified in step 1 above. Record an appropriate logbook entry.

Unison Piston Products Technical Support Hotline: 904-739-4081

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