



A Textron Company

652 Oliver Street
Williamsport, PA. 17701 U.S.A.

Tel. 570-323-6181
Fax. 570-327-7101
www.lycoming.textron.com

SERVICE INSTRUCTION

DATE: September 19, 2008

Service Instruction No. 1519A
(Supersedes Service Instruction No. 1519)
Engineering Aspects are
FAA Approved

SUBJECT: Reprint of Precision Service Information Letter No. SIL RS-87 Revision 1

MODELS AFFECTED: All Lycoming new, overhauled, rebuilt, or repaired (L)IO, AIO, HIO, IGO, IVO, (L)TIO, AEIO series engine with either a Precision Airmotive RSA-5 or RSA-10 series fuel injection servo.

All Lycoming new, overhauled, rebuilt, or repaired (L)IO, AIO, HIO, IGO, IVO, (L)TIO, AEIO series engine with a Precision Airmotive Silverhawk EX Fuel Injection Kit.

TIME OF COMPLIANCE: At the next maintenance event, annual inspection, or by June 30, 2008, whichever occurs first.

Precision Service Information Letter No. SIL RS-87 Revision 1 is reprinted in its entirety as follows.

This reprint is current at the time Lycoming Service Instruction No. 1519A is issued. However, when complying with this Service Instruction, insure that compliance is in accordance with the latest revision of Precision Service Information Letter No. SIL RS-87.



General Aviation
Manufacturers Association

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Service Information Letter - Fuel Systems

SUBJECT: New regulator plug gasket and increased torque for all RSA-5 and RSA-10 Fuel Injection Servos.

PURPOSE: To advise the field of availability of the new regulator hex plug gasket, part number 2577258.

Revision 1 adds requirement to mark a “G” on the regulator hex plug

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA-5 and RSA-10 servos.
- B. **DESCRIPTION:** Precision Airmotive LLC has released a new regulator plug gasket, part number 2577258 and increased the torque on the regulator plug. This gasket replaces the 365533 gasket currently in use. Current stocks should be returned to Precision Airmotive for replacement. After June 30, 2008 the 365533 gasket **MUST NO LONGER BE INSTALLED.**
- C. **DETAILED INSTRUCTIONS**
 During overhaul or repair install a 2577258 gasket in place of the 365533 gasket. Stamp or scribe a “G” on the regulator hex plug (p/n 383493) and torque to 90-100 in-lbs.

Change hex plug gasket from 365533 to 2577258				Revise torque to 90-100 in-lbs (10.17-11.30 N-M)	
Model	Manual	IPL Figure	Item	Fits & Clearances Figure	Item
RSA-5AD1	15-381G CHG 1	6	10	802	6,5
RSA-5AB1	15-419D	4	10	802 (sheet 2)	Fig 4,5
RSA-10AD1	15-433D	4	10	802	4,5
RSA-10ED1	15-458G CHG 1	4	10	802	Fig 4,5
RSA-10DB1	15-471E REV 1	4	10	802	Fig 4,5
RSA-10DB2	15-542C	4	10	802	Fig 4,5
RSA-10ED2	15-700A	4	10	802 (sheet 2)	Fig 4,5
RSA-5AD2	15-900A CHG 3	4	10	802	4-5

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