

# Service Information Letter - Fuel Systems

**SUBJECT: Service Information for RSA-5AD1 Fuel Injection Servo Parts List 2576568-1.**

**PURPOSE:** To provide repair shops with flow bench limits and service information for RSA-5AD1 fuel injection servo parts list 2576568-1.

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA-5AD1 fuel injection servos, parts list 2576568-1. These servos are installed on Lycoming IO-360-M1A engines.
- B. **REASON:** This new servo was released for installation on the Diamond Star aircraft.
- C. **COMPLIANCE:** Information only.
- D. **DESCRIPTION:** The service information found in manual 15-381G for parts list 2524054-11 is applicable to parts list 2576568-1 except as follows:

1. Reference manual 15-381G, IPL, Figure 1:

Item Number	2524054-11 Part Number	2576568-1 Part Number	Description
1	2524054-11	2576568-1	Fuel Injection Servo
45	2521287	2522004	Lever, Mixture Control
50	2524469-N	2576515-A	Servo, Basic Assembly

2. Reference manual 15-381G, IPL, Figure 2:

Item Number	2524054-11 Part Number	2576568-1 Part Number	Description
15	AN833-4 (367719)	AN815-4 (118869)	Union, Tube
20	AN924-4 (367720)	Not Used	Nut, Flared Tube

3. Reference manual 15-381G, IPL, Figure 3:

Item Number	2524054-11 Part Number	2576568-1 Part Number	Description
15	2521196	2525927	Lever, Throttle

4. Reference manual 15-381G, Calibration and Service Limits:

Specification Type	Applicable Figure	2524054-11 Test Specification	2576568-1 Test Specification
Calibration Limits	1301	11263-01	11263-01 (same)
Service Limits	1302	9871-01	9871-01 (same)