

Service Information Letter - Fuel Systems

**SUBJECT: Service Information for RSA-5AD1 Fuel Injection Servo
Parts List 2576522-1.**

PURPOSE: To provide repair shops with flow bench limits and service information for RSA-5AD1 fuel injection servo parts list 2576522-1.

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA-5AD1 fuel injection servos, parts list 2576522-1. These servos are installed on Lycoming AEIO-320-D1B engines.
- B. **DESCRIPTION:** The service information found in manual 15-381G, Change 1 (6/1/92) for parts list 2524054-11 is applicable to parts list 2576522-1 except as follows:

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

Item Number	New Part Number	Description
1	2576522-1	Fuel Injection Servo
20B	2538044	Elbow, Hose to Boss
30B	82887	Cap, Shipping
35A	317-S-7	Packing, Preformed
45B	2522004	Lever
50G	2524542-N	Fuel Injection Servo Assy (Basic)

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

Item Number	New Part Number	Description
15B	132906	Plug, Threaded

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

Item Number	New Part Number	Description
-15J	2542856	Lever, Control
20E	AN837-4C	Elbow, 45°
21	2523200	Cap, Shipping
22	317-S-5	Packing, Preformed
23	AN924-4	Nut, Flared Tube

4. Reference manual 15-381G, IPL, Figure 4:

Item Number	New Part Number	Description
-105A	367969	Venturi Assembly
-115A	2523509	Venturi (Finished)

5. Reference manual 15-381G, IPL, Figure 5:

Item Number	New Part Number	Description
-180B	2521974	Valve, Idle

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

Applicable Figure	Specification Type	Test Specification Number
Figure 1311	Calibration	11283-01 dated 12/19/86
Figure 1312	Service	10173-01 dated 12/19/86