

# Service Information Letter - Fuel Systems

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**SUBJECT: Service Information for RSA-10AD1 Fuel Injection Servo  
Parts List 2524175-11.**

**PURPOSE:** To provide repair shops with service information for RSA-10AD1 fuel injection servo parts list 2524175-11.

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA-10AD1 fuel injection servos, parts list 2524175 issue -1 through 11. These servos are installed on Lycoming IO-720 engines.
- B. **REASON:** After revising the flow schedule of the servo for Textron Lycoming, it was found that the new calibration could be better achieved by replacing the existing idle valve, part number 2541461, with valve part number 2525239.
- C. **COMPLIANCE:** This change is non-mandatory and may be accomplished at overhaul or at the owner's discretion.
- D. **DESCRIPTION:** The service information and calibration sheets\* found in manual 15-433D (9/1/94) for parts list 2524175-10 is applicable to parts list 2524175-11 except as follows:

1. Reference manual 15-433D, IPL, Figure 1:

| Item Number | Old Part Number | New Part Number | Description           |
|-------------|-----------------|-----------------|-----------------------|
| 1C          | 2524175-10      | 2524175-11      | Fuel Injection Servo  |
| 110C        | 2524511-N       | 2524511-Y       | Servo, Basic Assembly |

2. Reference manual 15-433D, IPL, Figure 3:

| Item Number | Old Part Number | New Part Number | Description |
|-------------|-----------------|-----------------|-------------|
| 160B        | 2541461         | 2525239         | Idle Valve  |

\*Note: Test Specifications 30044-01 and 30045-01 found in manual 15-433D, Calibration and Service Limits also apply to parts list 2524175-11.