

Service Information Letter - Fuel Systems

SIL RS-100

SMALL RECIPROCATING
ENGINES

All RSA

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SUBJECT: New Servo Stem Seal P/N 2577245

PURPOSE: To provide repair shops with service and product improvement information.

- A. **EFFECTIVITY:** This Service Information Letter is applicable to all RSA fuel injection servos, **EXCEPT** parts list 2576630-4.
- B. **REASON:** Product simplification – The new servo stem seal, part number 2577245, is designed to replace the existing stem seal part number 2539561 **AND** spring part number 2539560.
- C. **COMPLIANCE:** This is a “USE PARTS” change. Existing parts in stock (or in kits) may be used until stock is depleted.
- D. **INSTALLATION**
1. In all RSA Servo Maintenance Manuals and Illustrated Parts Lists use the new stem seal 2577245 in place of stem seal 2539561 and spring 2539560, except for servo P/N 2576630-4.
 2. The lubrication and the installation of the new seal onto the fuel diaphragm stem is the same as noted in the appropriate RSA manuals. The accompanying photo shows the proper orientation of seal on the stem; also note that **there is no spring** used with the new seal.
 3. The remaining assembly of the regulator components is the same as outlined in the appropriate RSA manuals.
 4. The flow schedules for all RSA units will not change when using the new stem seal.
 5. There is no change required on the servo’s name plate (data tag or identification plate).

