

SERVICE LETTER

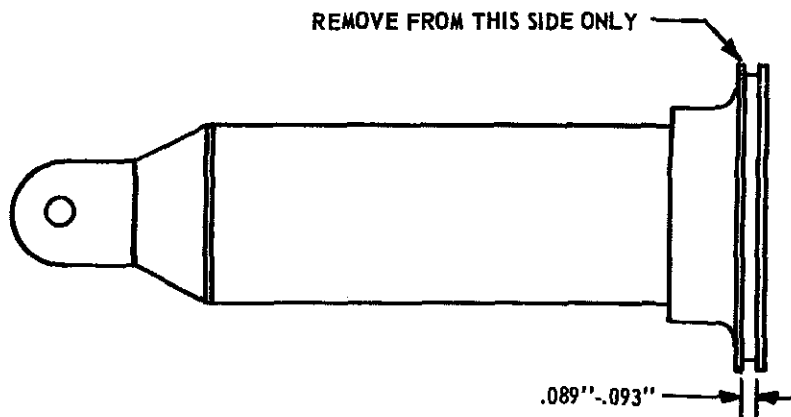
January 6, 1975

STINSON SERVICE INFORMATION LETTER NO 75

Rework of Plunger Assembly P/N 108 - 5182006

The original -12 wiper rings are no longer available. A substitution has been made which requires reworking the ring groove. This rework is required only on installation of new wiper rings.

1. Remove shock absorber from aircraft
2. Remove plunger assembly from shock absorber.
3. Remove three old rings from plunger assembly.
4. Turn ring groove width to $.089''-.093''$ per drawing to accommodate increased thickness of new rings.
5. Fit rings into shock absorber cylinder and file ends of rings as required to obtain an end clearance of $.025''-.030''$.
6. Install rings on plunger assembly. Stagger ring gaps approximately 120 degrees apart.
7. Reassemble shock absorber using new O rings.
8. Install shock absorber on aircraft and refill with petroleum base hydraulic fluid per service manual instructions.



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