

»» **Service Letter**

Technical Aspects are FAA Approved

Number: L95-03A

Replaces ServL95-003

Date: 07/14/2004

Subject: Primer Nozzle/Fuel Injection Interference

Application: Lycoming 320/360/540 series engines incorporating the SL32000N, SL32000W, SL36000N and SL36000W Millennium ® Cylinders manufactured prior to 3/1/95. The following serial numbers could be affected:

<u>P/N</u>	<u>S/N</u>
SL32000N	C95-001 through C95-006
SL32000W	L94-001 through B95-507
SL36000N	A95-001 through C95-157
SL36000W	H94-001 through M94-536

Compliance:

Cylinder assembly serial numbers are the last digits located on the barrel mounting flange opposite the exhaust and intake ports.

Superior Air Parts, Inc. has become aware that certain primer and fuel injection nozzles cannot be installed on these cylinders or interfere with the adjacent cylinder or with the cylinder head casting itself when installed in the location shown in Figure 1.

When a primer or fuel injection nozzle installation at this location is anticipated during installation of a Millennium Cylinder® on a 320/360/540 series engine, the following procedure should be followed.

Modify the Millennium® Cylinder only when necessary for installation clearance. Carefully grind the interfering portion of the cylinder head to provide a minimum of .045 inch and a maximum of .090 inch clearance.

The recommended tool to comply with this service letter is a rotary grinder (pneumatic or electric) using an appropriate grinding wheel. (Norton A60-OBNAZ or the equivalent is recommended but not required.) Deburr sharp edges after modification is made. Use care as not to contaminate the cylinder or its oiling system with foreign objects.

Time allocated for rework:

Superior will pay up to ¼ hour at the shop rate for each zero time cylinder when reworked in accordance with this service bulletin. Complying with this service letter will not effect your warranty on Superior's Millennium Cylinder®.

FIG 1

