

»» **Service Letter**

Technical Aspects are FAA Approved

Number: L96-05A

Replaces ServL96-005

Date: 07/14/2004

Subject: Introduction of new single piece rocker arm bushing P/N SA520129 to replace the two P/N SA639629 or TCM639629 bushings.

Application: All inclined valve TCM470, 520 and 550 engines with two piece rocker arm bushings.

Compliance:

Superior now offers a one piece rocker arm bushing, P/N SA520129, as a replacement for the two bushings used in earlier Continental inclined valve 470, 520 and 550 engine cylinders. This bushing provides increased bushing area and reduces bushing and rocker shift wear.

The single piece bushing can only be installed in rocker arms originally equipped with the two piece bushing (Reference: P/N SA639629). These rocker arms do not have a groove machined in the rocker arm bushing bore.

Caution: No modification to the existing rocker arm is needed to install the new SA520129 bushing. The single piece P/N SA 520129 bushing is not to be installed in TCM rocker arm assembly P/Ns 652130, 652131 or later which have one piece TCM P/N 652129 bushings.

Replace the bushings as shown in Figure 1, with the holes positioned as shown. Prior to reaming, fill the holes in the bushing with beeswax to prevent chips from entering the oil passages. Ream as shown. After reaming, clean the oil passages with clean solvent. Assure that all passages are clear of obstructions and contamination.

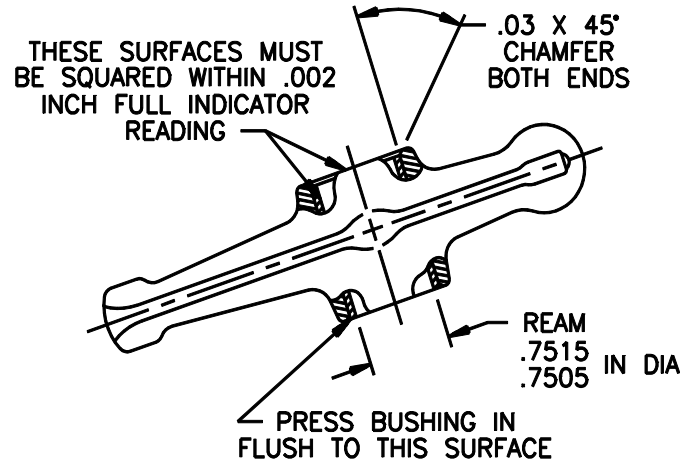
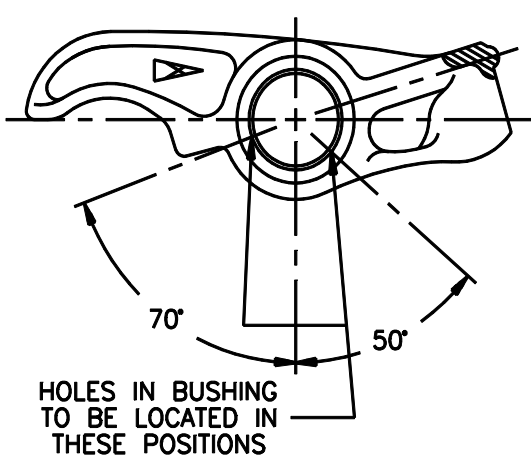


FIGURE 1