

»» **Product Information Letter**    **Number: PIL 89-03 A**

**Date:** 07/13/2004

**SUBJECT:**    New Camshaft SA649520-A3

**REF:**    Replace service Letter 89-003

**ENGINE APPLICATIONS:**    TCM IO-520 B, BA, BB, C, CB, M, MB  
TSIO-520-B, BB, BE, D, DB, E, EB, J, JB, K, KB, L, LB, N, NB, UB,  
VB, WB  
IO-550 B, C.

Superior Air Parts, Inc. has received FAA approval on a replacement camshaft for the above listed TCM engines.

The SA649520-A3 Camshaft contains the following improved features:

1. The bearing journal oil transfer grooves have been shot peened for added strength.
2. The corner radius on each of the oil transfer grooves has been increased for added strength to a continuous 0.120". Because the radius of each oil groove is larger, the radius is intersected by the oil holes.

**Part Number Information**

**TCM Number**

629726-A3 superseded by  
649322-A1

**Superior Number**

SA629726-A3 superseded by  
SA649520-A3

The Superior SA649520-A3 camshaft the Superior part includes the oil hole intersecting the radius. The overhaul manual instructions referring to this oil hole and the radius are not applicable to the Superior SA649520-A3 camshaft. Beyond this exception, the users must comply with all applicable bulletins, letters and instructions referring to the installation or use of these parts.