# McCULLOCH SERVICE BULLETIN

NO. 1599

MODEL Mini Mac and Power Mac 6 Automatic DATE February 27, 1976

SUBJECT Clutch Drum Modification For Improved CHAIN BRAKE Installation

The O.D. (Outside Diameter) of clutch drums incorporated in Sprocket and Drum Assemblies, P/N 90150, have been reduced to eliminate problems that have been experienced relative to installing CHAIN BRAKE on Mini Mac and Power Mac 6 Automatic units.

The cause of the problem, we have determined, is due to an adverse accumulation of allowable manufacturing tolerances, that can occur in less than 10% of units manufactured. By reducing the O.D. of the drum, we are able to compensate for all allowable engine tolerance variations.

Clutch drums that have the reduced O.D. are identifiable in one of two ways.

Drums that have been machined to accomplish the desired reduction have obvious machine or grinding marks on the outer diameter of the drum.

Drums that have been drawn to accomplish the desired reduction have obvious horizontal markings on the outside diameter (see Fig. 1) as well as a punch mark located on the face of the drum (see Fig. 2).

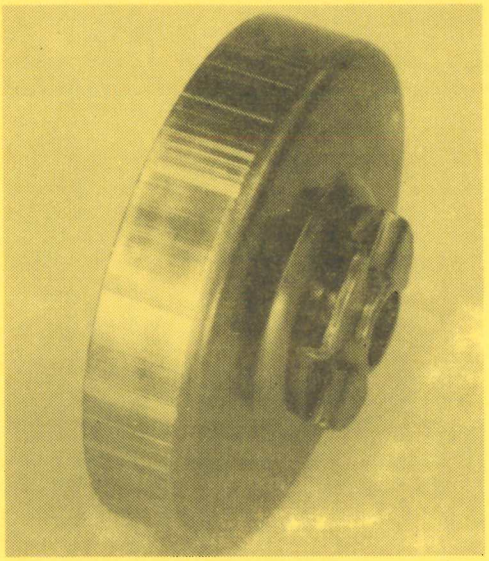


FIGURE 1.

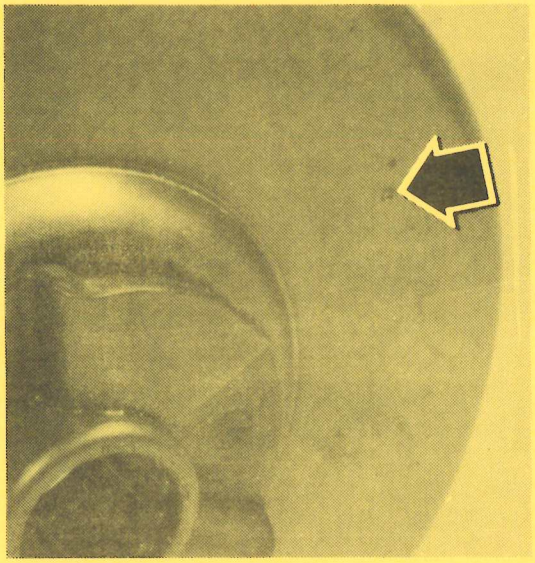


FIGURE 2.
NOTE: Punch mark may appear at any position on this surface.

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All Sprocket & Drum Assemblies, P/N 90150, shipped as service parts as of this date have the reduced O.D. You should order new Assemblies, P/N 90150, from your distributor and return any new, unused drums you have in stock which cannot be identified as being the latest, reduced diameter type, to your distributor for credit.

The new drums are being installed on all Mini Mac and Power Mac 6 Automatic units currently being manufactured.

New, smaller diameter sprocket and drum assemblies should be installed on Mini Mac and/or Power Mac 6 Automatic units that you set up for customers on which, because of interference between the brake band and the drum, the CHAIN BRAKE is difficult to install.

Where replacements are required for this purpose, the operation, including parts and labor is covered by warranty.

The flat rate time allowed for the exchange is .1 hour plus Z-1.

McCULLOCH CORPORATION

Product Service
Department