McCULLOCH SERVICE BULLETIN

NO. 1618

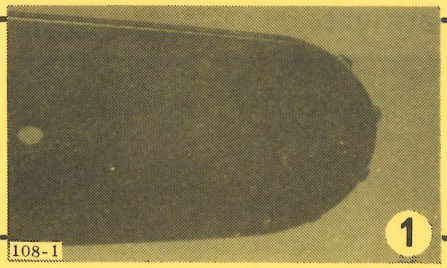
MODEL All Sprocket Tip Bars

DATE September 2, 1976

SUBJECT Sprocket Tip Lubrication:

1. 10 to 14 inch and SP 40 16 inch Sprocket Tip Bar.
2. All Other Sprocket Tip Bars (16 inches and larger).

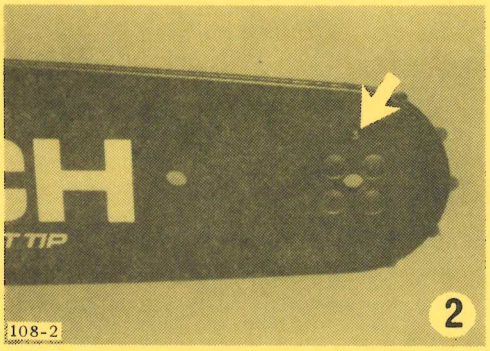
1. The 10 to 14 inch and SP 40 16-inch sprocket tip bars are all self-lubricating and no additional lubrication is required. There are no lubrication holes in these bars (Fig. 1).

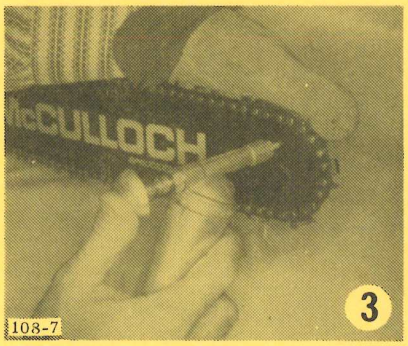


2. All other sprocket tip bars (16 inches and larger) have lubrication holes (Fig. 2). For most non-professional usage, these bars will not require lubrication. However, lubrication is recommended for professional usage and under the following conditions.

a) Continuous cutting of dry or highly abrasive wood.
b) Continuous boring cuts.
c) Continuous cutting with bar tip.
d) Continuous cutting in wet or snowy conditions.

In these conditions lubrication is recommended after one hour of hard usage, or after 3 tanks of gas are used.





Three methods can be used to lubricate bars 16 inches and longer. In all methods, the bar tip and lubrication holes should be thoroughly cleaned before lubrication.

a) Needle Nose Grease Gun - Using a general purpose chasis lubricant of No. 1 consistency, force grease into lubrication hole on one side of bar while covering lubrication hole on the other side. Rotate sprocket and apply grease until it appears at edge of sprocket. Repeat on other side (Fig. 3).

NOTE: Lubri-Gun, P/N 68090, shown in Figure 3, is recommended by McCulloch

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Corporation for applying grease to sprocket tip. Its small nozzle is necessary for efficient application of grease into sprocket tip.

b) Oil Can - Squirt appropriate weight motor oil (SAE 10 in cold weather, SAE 30 in hot weather) into lubrication hole while rotating sprocket. Repeat on other side of bar.

c) Oil Soak - Fill a small container with clean oil and submerge bar tip. Rotate sprocket several times. For maximum lubrication leave submerged overnight.

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