McCULLOCH

SERVICE BULLETIN

NO. 1615

MODEL Mini Mac 35 AUTO SHARP

DATE August 23, 1976

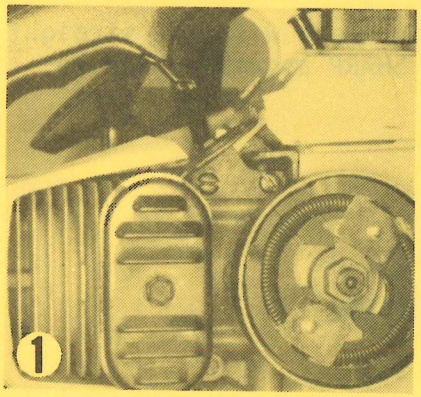
SUBJECT AUTO SHARP Bracket Installation

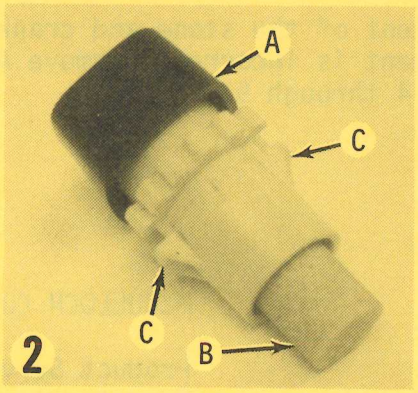
Proper alignment of AUTO SHARP Bracket, P/N 92581, is necessary to ensure that correct filing angles are maintained when using AUTO SHARP. Therefore, the installation instructions listed below should be followed precisely in order to achieve the proper alignment.

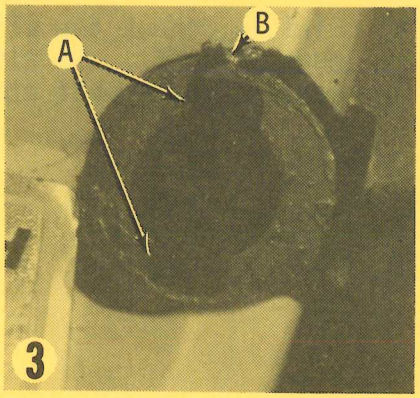
INSTALLATION INSTRUCTIONS

1. Using Loctite, lightly secure the AUTO SHARP bracket to the cylinder (Fig. 1) with Screws, P/N 110597 (DO NOT TIGHTEN).

2. Gently rotate the knob (Fig. 2,A) of the grinder assembly counterclockwise until it will no longer turn. Do not turn knob with force. This assures that the sharpening stone (Fig. 2,B) is in its fully retracted position.



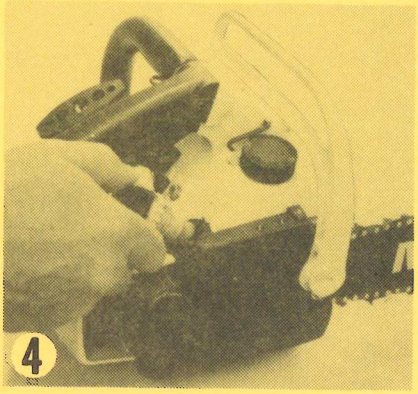




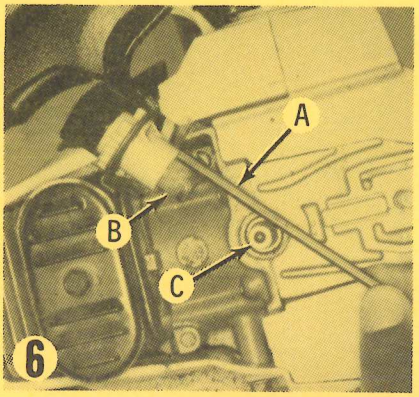
3. Align the ears (Fig. 2,C) on the AUTO SHARP assembly with the slots (Fig. 3,A) in the bracket.

4. Push the assembly firmly in place and turn the entire assembly clockwise just far enough to get a snug fit (Fig. 4 & 5).

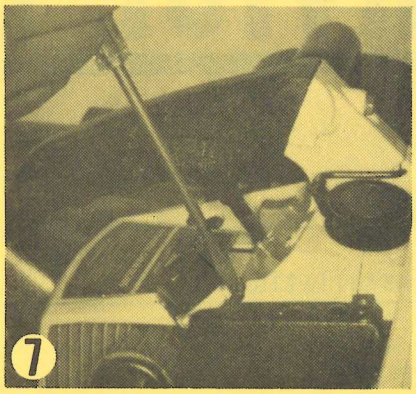
5. Using a straight edge (Fig. 6,A), align the stone (Fig. 6,B) with the top surface of the crankshaft (Fig. 6,C) as shown in Figure 6.







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6. Gently remove the assembly from the bracket. Then tighten the screws to a torque of 35 to 40 pound x inches.

7. Reinstall the AUTO SHARP assembly by repeating step 3. Then push the assembly firmly in place and turn the entire assembly clockwise approximately 1/4 turn. DO NOT TURN THE ADJUSTMENT KNOB.

8. Using a screwdriver, place in notch (Fig. 3,B) and engage the serrations on the body and continue turning the assembly clockwise gently approximately 1/16" to 3/32" until fully engaged (Fig. 7). DO NOT APPLY TOO MUCH FORCE. Torque should be 15 to 20 pound x inches.

9. Finally, check the alignment of the stone and crankshaft again with the straight edge (Fig. 6). If alignment is incorrect, remove AUTO SHARP assembly, loosen screws, and repeat steps 4 through 9.

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