McCULLOCH CORPORATION
SERVICE BULLETIN

1506

MODEL: SUPER PRO 80 July 20, 1971

SUBJECT: SUPER PRO 80 CLUTCH INSTALLATION

A Woodruff key is not used between the clutch and crankshaft on the Super Pro 80 chain saw, therefore proper installation of the Clutch Assembly, P/N 85364, on the crankshaft requires that the clutch retaining Nut, P/N 110594, be tightened to a torque value of 400 to 420 inch pounds (35 foot pounds).

If the clutch retaining nut is not tightened to this torque value the clutch may rotate and cause possible damage to the crankshaft.

Procedure for removing and/ or installing the clutch assembly:

1. Install a 1/4 inch diameter, 2 1/2 inch long rod, non threaded, into the hole in the bottom of the frame brace and fan housing (Figure 1.).

2. Rotate the flywheel with the starter rope until the pin slips into one of the two notches which are in the outer diameter of the flywheel (Figure 2.). The flywheel and crankshaft are now locked and will not rotate.

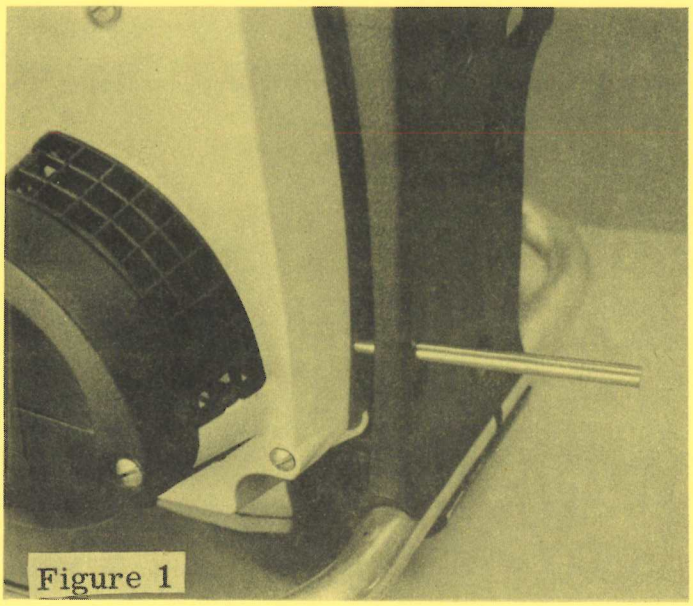


Figure 1

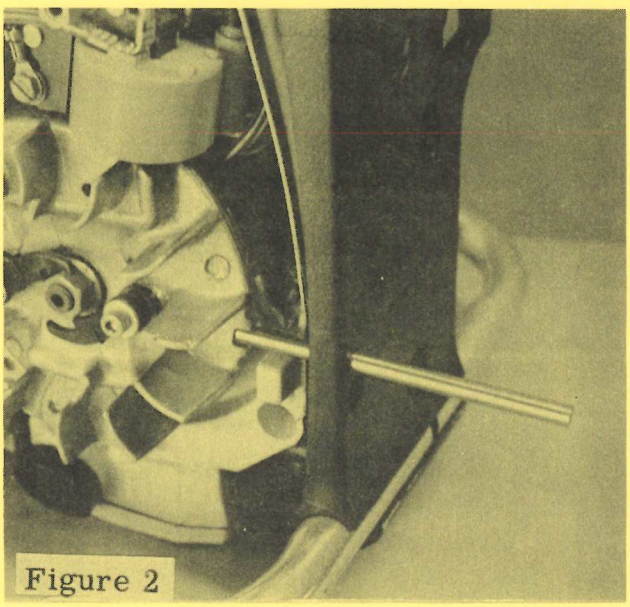


Figure 2

3. With the clutch guard, bar and chain removed use a 9/16 inch wrench to remove or tighten the clutch retaining nut.

4. Hold the locking pin in position while turning the clutch retaining nut. This will prevent the pin from disengaging from the flywheel notch.

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CAUTION: Do not use an impact wrench to remove or install the clutch retaining nut as damage to the pin locking area of the frame, fan housing or flywheel may occur.

Although a Woodruff key slot was machined into the first production crankshafts, the clutch is not designed for the use of a key. Eventually crankshafts will not have this keyway slot.

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By Jack Carroll
Service Manager