

Gilson BROTHERS COMPANY

BOX 152. PLYMOUTH, WISCONSIN 53073. U.S.A.. PHONE (414) 893-1011

January 3, 1979

Service Bulletin #122

Subject: Proper Procedure For Removal & Installation Of The
Engine Pulley On OMC & Tecumseh Engine Snow Cannons

The manufacturer of each of the engines has recommended specific procedure(s) for engine pulley removal and installation. This is to insure no damage occurs to internal parts of the engine resulting from removal or installation by other means. These procedures must be followed.

OMC ENGINE UNITS:

A Piston Stop Tool #89426 (Lawn Boy #677389) is the only authorized method by which the crankshaft and piston may be held in place allowing removal of the crankshaft nut. This tool threads into the spark plug hole and stops crankshaft rotation. Before attempting to remove the nut the crankshaft should be turned gently by hand until the piston rests against the stop. The nut can then be removed by using a Box end wrench.

The reverse procedure applies to installation of the crankshaft nut, proper torque for the nut is 45-50 foot pounds.

NOTE: An impact wrench is not to be used with the Piston Stop Tool.

The Piston Stop is available through your parts distributor. The cost of this tool is \$.87 Net FOB Factory.

TECUMSEH ENGINE UNITS:

Removal of the engine pulley on Tecumseh engines should be performed in one of two ways.

1. Through the use of an air or electric impact wrench, or
2. Inserting a box end wrench on the bolt and tapping the opposite end with a hammer to break the bolt loose.

NOTE: The "PISTON STOP TOOL" is NOT to be used on Tecumseh engines.

Service Bulletin #122
January 3, 1979
Page Two

When installing the engine pulley capscrow, proper torque of 1-14 foot pounds may be obtained using a hand torque wrench. While torquing bolt, crankshaft rotation can be stopped by pulling recoil starter rope enough to engage pinion and hold securely in this position.

Any other method than what is described above is not recommended by the engine manufacturers and damages occurring from non-approved factory procedures are not warranted.

GILSON BROTHERS COMPANY

Service Department

ML/bg