



SERVICE BULLETIN 117

INFORMATIONAL

ISSUED: May 1985

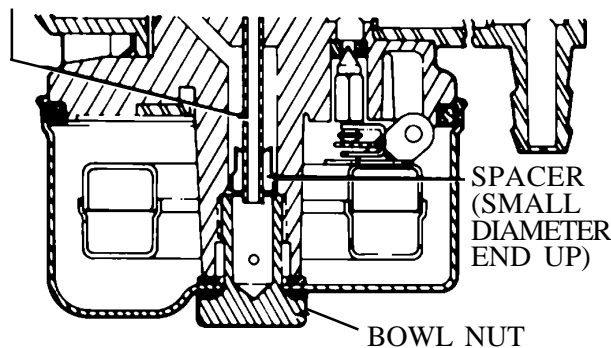
REVISED: June 1995

SUBJECT: Hot Restart Difficulty and/or Hard Starting on Ariens Rotary Mowers

MODELS OR TYPES AFFECTED: TVS105-53038C, TVS105-53039C
TVS105-53038D, TVS105-53039D

Field complaints of hard starting or restarting a warm engine on the subject engine models have been occasionally reported by the field organization. In order to eliminate these starting problems we recommend the installation of Tecumseh service kit, part number 730219, which consists of a carburetor fuel spacer and a new bowl nut. This kit can be obtained from your Tecumseh source of supply. Remove the old bowl nut (do not remove carburetor bowl or disturb bowl O ring), install the fuel spacer into the carburetor and install the new nut. Instructions below will also be furnished in the box with the parts.

MAIN NOZZLE
TUBE



INSTRUCTIONS FOR 730219 BOWL NUT KIT

Before considering installing the bowl nut, the engine should be checked out for any other problems such as proper fuel, ignition, compression or even some type of equipment difficulty which may inhibit starting. To install the kit, proceed as follows:

- A. Disconnect spark plug wire.
- B. Drain fuel from fuel tank.
- C. Tip lawnmower on its side, carburetor side up.
- D. With a box end wrench, remove the original bowl nut & gasket. Install spacer per reverse illustration. Position original gasket on new bowl nut and install. Tighten bowl nut.
- E. Set mower up, fill fuel tank and connect spark plug wire.

Form No. 694980

If the hard starting condition persists, it may be necessary to remove the engine head to check the condition of the exhaust valve. If the exhaust valve is carboned, not seating or burned, a new exhaust valve should be installed. Prior to installing the new valve, the exhaust valve seat in the cylinder must be recut with a "Neway" valve seat cutter. Valve seat cutting is necessary to insure the new exhaust valve will be properly seated.