



SERVICE
BULLETIN
203
2 CYCLE

ISSUED: April 1994

REVISED: June 1995

SUBJECT: Low Power on Strike Master Cobra

MODELS OR TYPES AFFECTED: Tecumseh Model AV520 670-134N, AV600 660-50J
Serial Numbers for AV520 model: 2232 thru 2280
Serial Numbers for AV600 model: 2233 thru 2357

Field reports have indicated that some equipment with the model and serial numbers listed, have exhibited low power tendencies. To resolve these symptoms, proper evaluation must be done using the following steps.

A. Run the engine to verify the carburetor's optimum setting.

1. The main adjustment screw should be adjusted 1/2 to 3/4 of a turn out from seat. While performing this operation, the engine must be under load.
2. Turn the idle adjustment screw 7/8 to 1-1/8 of a turn out from seat. A load on the engine is not required for this adjustment.
3. At these settings the engine should run clean (neither rich nor lean). If an adjustment of more than 1/8 turn from the stated adjustment (above or below maximum or minimum setting) is required, remove the adjustment needles and inspect them for damage. Refer to Carburetor Troubleshooting Booklet, Form No. 695907, to aid in evaluation. Also, check for leaking seals, sticking throttle plate, or binding linkages.

B. If the engine still exhibits low power:

1. Remove the carburetor and the reed plate assembly.
2. Replace the reed plate with a new assembly.
3. Attach the new reed plate assembly and carburetor to the engine using new gaskets.
4. Retest the engine and adjust the carburetor as instructed in step "A".

C. If the above steps fail to correct the low power tendencies, replace the carburetor as a complete assembly.