



SERVICE
BULLETIN
401
4 CYCLE

ISSUED: February 1988
REVISED: June 1995
SUBJECT: OVM/OVXL120 engines that are hard to crank when starting or require valve lash adjustment because of lack of power or performance.

It's possible that there has been some improper diagnosis of electric starter problems and/or bad batteries in the startability of some OVM/OVXL120 engines. Symptoms that are associated with this condition may include hard starting, excessive noise or clatter in the valve box area and low power. If an engine is suspect of this condition, the valve box cover should be removed and the valve clearance should be checked.

The engine in question will have black colored rocker arms. Any engines exhibiting the above problems should have the rocker arms replaced with kit 730221A. The rocker arms in this kit will be silver/gray in color. A detailed instruction sheet is included with the kit (730221A).

Engines manufactured after serial number 8000 will have these silver/gray rocker arms. Should any of these engines exhibit the same symptoms, as of 1/1/89 kit 730221A contains rocker arm studs with an epoxy lock applied to assure proper valve lash setting. Refer to the instructional sheet enclosed with kit for proper servicing.

NOTE: Valve clearance settings for the OVM and OVXL120 are .002" intake and .004" exhaust. These settings should be made when the engine is cold and with the piston to Top Dead Center on the compression stroke.

General Service Requirement: A one time adjustment of the valve lash after 200 hours use should be the only adjustment required for the normal life of the engine.

It will be good service practice to check valve lash on any 12 H.P. overhead valve engine when it requires any service for the first time after any reasonable period of use. This action will satisfy the one time valve lash check and adjustment even when done well before the 200 hours.

