MULTI-CYLINDER 4-STROKES
CARBURETOR SYNCHRONIZATION

Some units among the Affected Models may be experiencing poor carburetor performance due to improper synchronization procedures.

AFFECTED MODELS

XS400F, 2F/650F, 2F, SF/750F, SF/1100F, SF

To assure optimum engine response, synchronize the carburetors while the machine is at idle. Carburetor synchronization should be performed during dealer setup and anytime a machine comes in for service.

CAUTION: Be careful when removing the vacuum petcock line from the cylinder head. Do not grab the line with pliers. They can puncture the line and result in an air leak. Remove the circlip, but do not pull the line. Instead, get beneath the line with the pliers and push upwards.

IDLE SPEEDS

MODEL	IDLE rpm
XS400F, 2F	1200
XS650F, 2F, SF	1200
XS750F, SF	1000
XS1100F, SF	1100

If the carburetors do not remain synchronized after repeated synchronization at idle, check the lock tab on the throttle shaft. The lock tab may have fallen into the threads of the throttle shaft. This prevents proper tightening of the shaft; thus the throttle valves have room to flutter and the carburetors go out of synchronization.

Loosen the lock nut and make sure the lock tab is not caught in the threads of the throttle shaft. The lock tab should rest flush against the throttle shaft lever.

