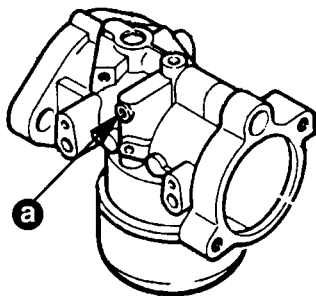


## Rich Idle Condition- Sport Jet 90

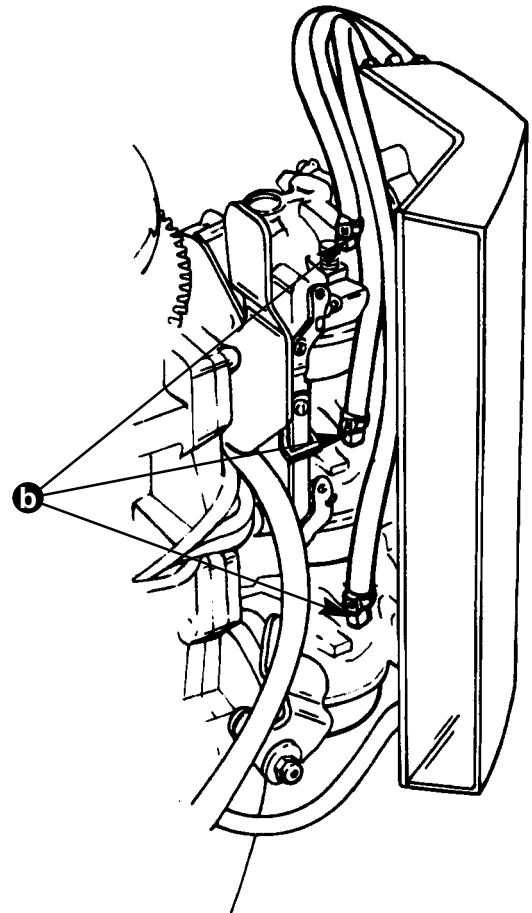
Have received random reports of idle problems: rough idle and poor acceleration. These reports were communicated to us by dealer service personnel checking out new boats with the Sport Jet 90 units. They found the inlet needles on the carburetor were not shutting off the fuel when the fuel bowls were full, flooding the engine. This was caused by debris (pieces of fuel hose or paint chips) lodged between the needle and seat.

Normally this is easy to spot on an outboard motor because fuel would spurt out the elbow vent of the carburetor (a). But, in the case of the Sport Jet carburetors, this condition cannot be visually seen. The venting is done through a fitting in the bowl vent of each carburetor and routed through a black colored hose to the top of the carburetor cover.

An easy check for this condition is to disconnect the vent hose from the fitting on each carburetor (b). Start the engine and visually check each vent fitting. If fuel spurts out of the fitting, the problem is in the inlet needle and seat area. Remove the carburetor and inspect inlet needle and seat. If nothing is found in that area, remove the inlet fuel fitting and check the area between the fitting and inlet seat.



a - Fuel Bowl Vent



b - Fuel Bowl Vent