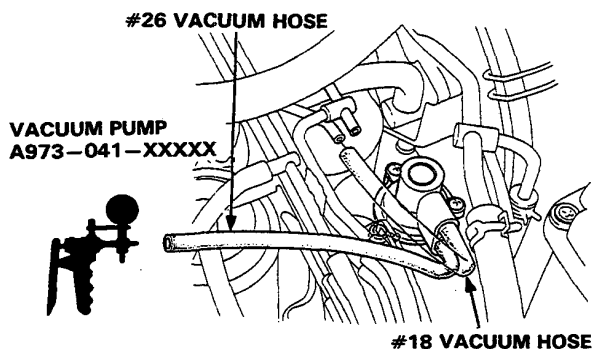


# Carburetor

## Choke Opener (cont'd)

### Choke Opener Diaphragm Testing

1. Disconnect the #18 vacuum hose from the vacuum hose manifold.
2. Disconnect the #26 vacuum hose from the vacuum hose manifold and connect a vacuum pump.



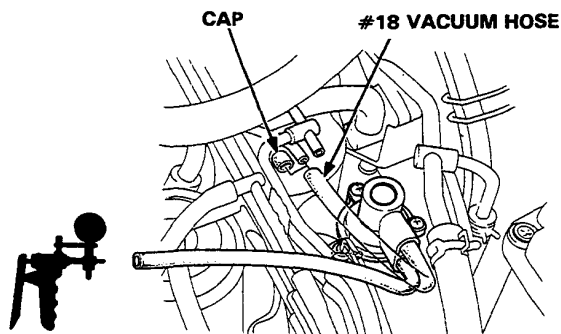
3. Apply vacuum.

Vacuum should stabilize at 100 to 200 mm Hg (4 to 8 in. Hg) and it should pull the opener rod.

- If not, check the linkage for signs of mechanical binding and replace the left carburetor (page 6-46).

4. Cap the end of the #18 vacuum hose and apply vacuum.

It should pull the opener rod.

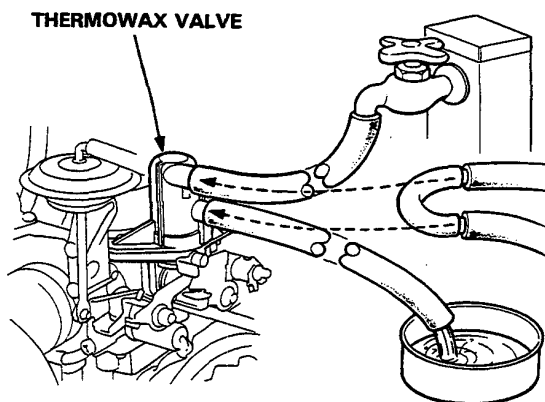


- If not, replace the left carburetor (page 11-46).

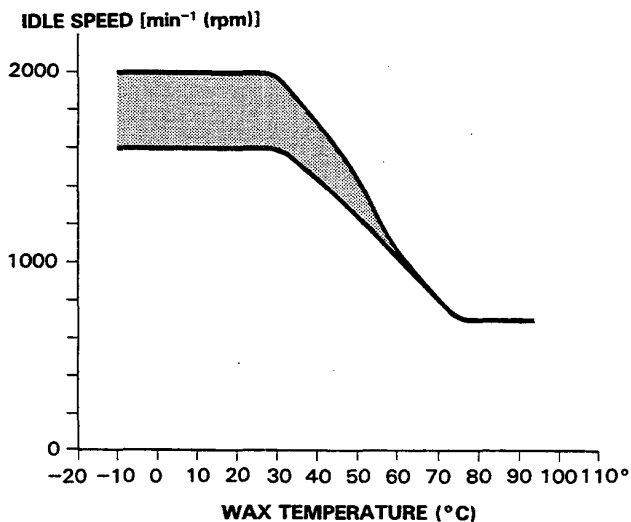
## Fast Idle

### Inspection/Adjustment

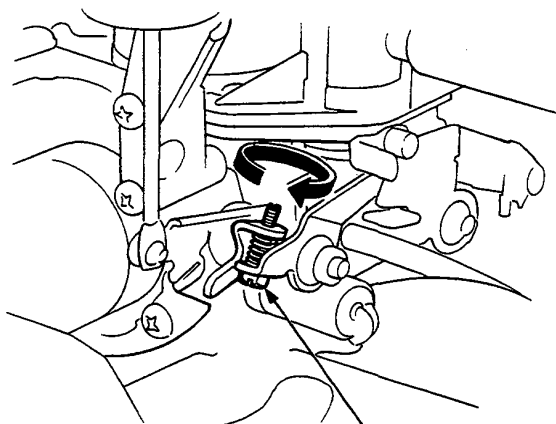
1. Start the engine and warm up to normal operating temperature (the cooling fan comes on).
2. Stop the engine.
3. Disconnect both coolant hoses from the thermowax valve and cap the end of hoses.
4. Apply cold water and cool down the wax.



5. Connect a tachometer and check the idle speed.



Adjust the idle speed, if necessary, by turning the fast idle adjusting screw.

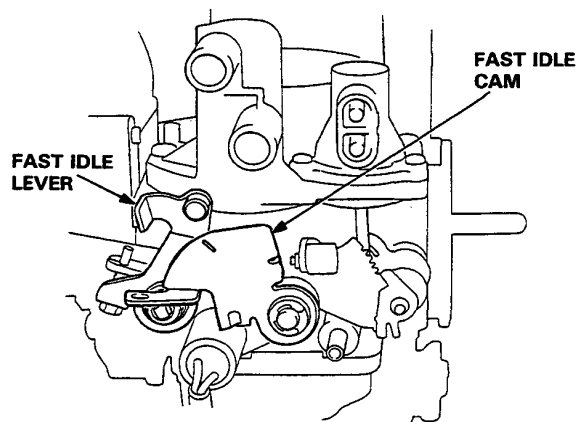


**FAST IDLE ADJUSTING  
SCREW**

- If not, replace the left carburetor (page 6-46).

6. Reinstall both coolant hose.
7. Start the engine and warm up to normal operating temperature (the cooling fan comes on).
8. Check the fast idle lever.

Fast idle lever should not be seated against fast idle cam.



- If not, replace the left carburetor (page 6-46).