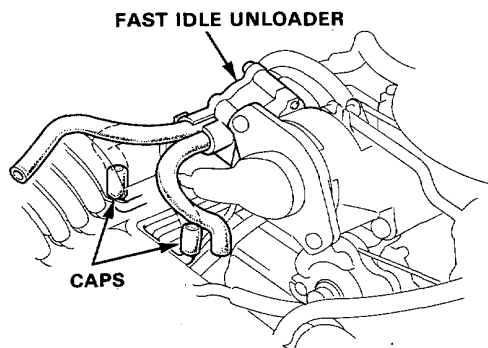




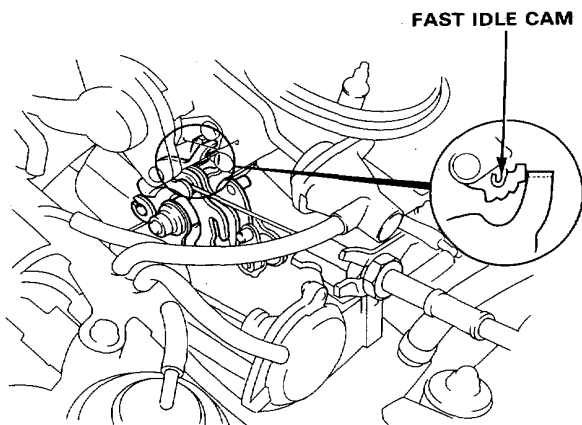
Fast Idle

Testing

1. Disconnect the two hoses from the fast idle unloader.



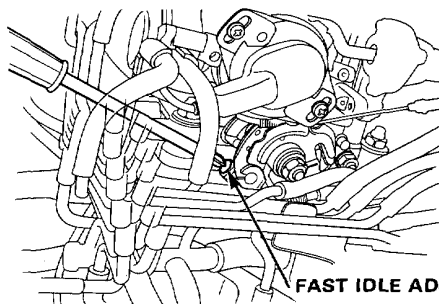
2. Open and close the throttle fully to engage the fast idle cam.



3. Start the engine.

Fast idle should be $3,400 \pm 500 \text{ min}^{-1} \text{ (rpm)}$

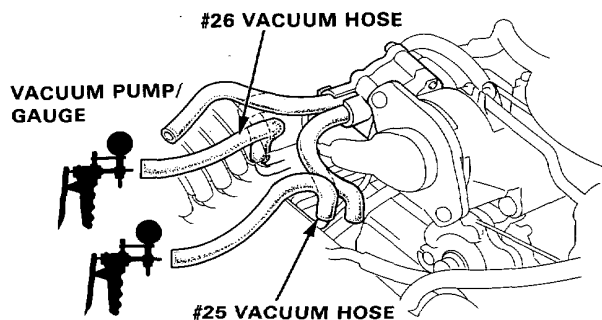
Adjust the fast idle speed, if necessary, by turning the fast idle adjusting screw.



5. Reconnect the hoses.
6. Warm up to normal operating temperature (the cooling fan comes on).

When the engine warms up, its speed should drop below $1,400 \text{ min}^{-1} \text{ (rpm)}$ as the unloader pulls the internal choke linkage off the fast idle cam.

- If fast idle does not drop below $1,400 \text{ min}^{-1} \text{ (rpm)}$, disconnect the two unloader hoses, and check the vacuum.



- If there is no vacuum, check the #25 and #26 vacuum line for proper connection, cracks, blockage or disconnected hose. If OK, replace the thermovalve A.
- If there is vacuum, replace the fast idle unloader, and then inspect the choke coil tension and linkage (page 6-85).