

# Carburetor

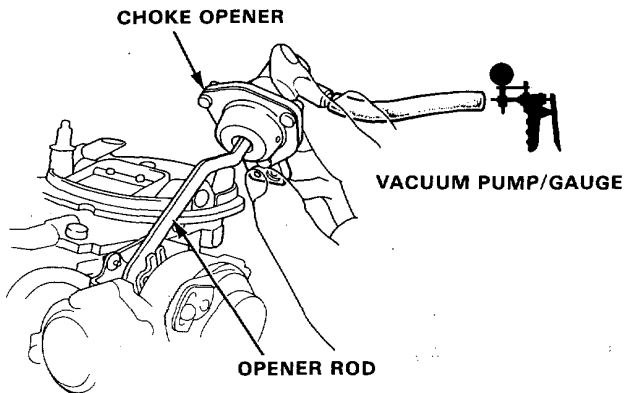
## Choke Opener

### Testing

1. Disconnect the 2P connector of the choke coil heater.
2. Open and close the throttle fully to let the choke close.
3. Start the engine.

The choke valve should partially open.

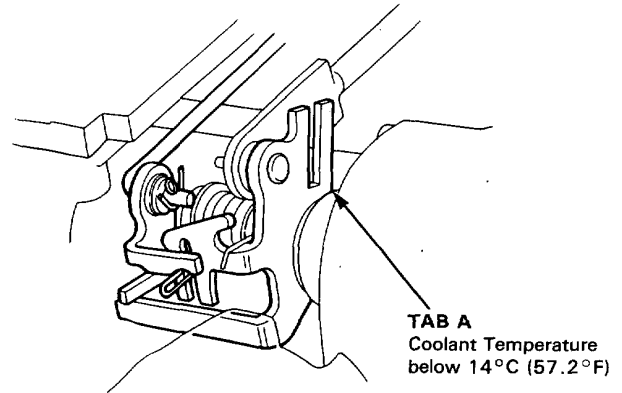
- If the choke partially opens, go on to step 4 or step 5, depending on coolant temperature.
- If the choke does not open partially, check the linkage for free movement, repair as necessary, and retest.
- If the choke valve still does not open partially, check the choke opener diaphragm: Remove the choke opener, and connect a vacuum pump. Block the orifice in the opener while you apply enough vacuum to pull the opener rod all the way in, then stop.



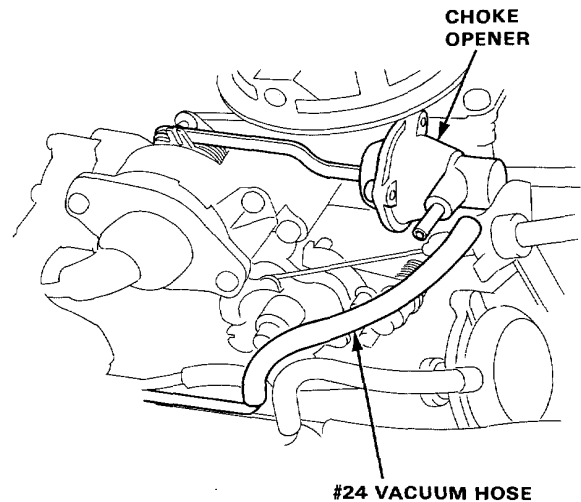
- If the rod will not stay in, replace the opener.
- If the rod stays in, check the vacuum port in the carburetor for blockage.

NOTE: After replacing or reinstalling the choke opener, retest it, then adjust it if necessary (page 6-88).

4. If coolant temperature is below about 14°C (57.2°F), Tab A on the choke opener lever should not be seated against the carburetor.



- If Tab A is not seated, go on to step 5.
- If Tab A is seated, disconnect the #24 vacuum hose from the choke opener.



- If Tab A comes off its seat, check the #24 vacuum line for proper connection or disconnected hose. If OK, replace the thermostatic valve A.