

# Carburetor

## Idle Control System (A/C only)

### Testing

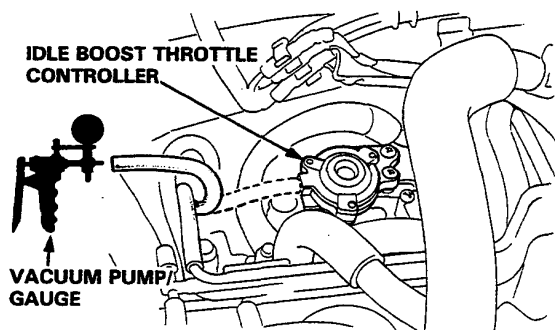
1. Start the engine and warm up to normal operating temperature (the cooling fan comes on).
2. Check the idle speed with headlights, heater blower, rear window defogger, cooling fan and air conditioner off.

Idle speed should be:

Manual	$800 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$750 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (except "N" or "P")

- If OK, go to step 4.
  - If not, go to step 3.
3. Disconnect the vacuum hose from the idle boost throttle controller and check the vacuum.

There should be no vacuum.



- If there is no vacuum, check the throttle valve shaft for binding or sticking and replace the idle boost throttle controller.
- If there is vacuum, go to troubleshooting (page 6-23).

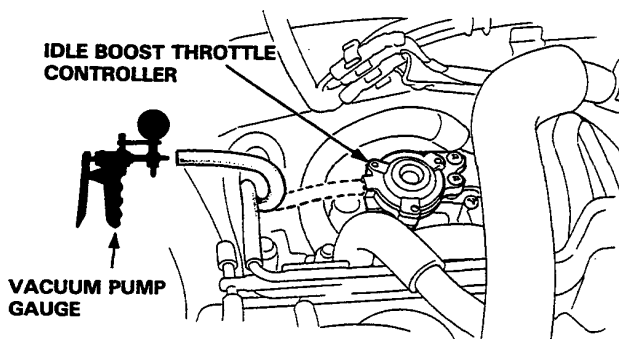
4. Check the idle speed with the A/C on.

Idle speed should be:

Manual	$800 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$750 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (except "N" or "P")

- If not, disconnect the vacuum hose from the idle boost throttle controller and check the vacuum.

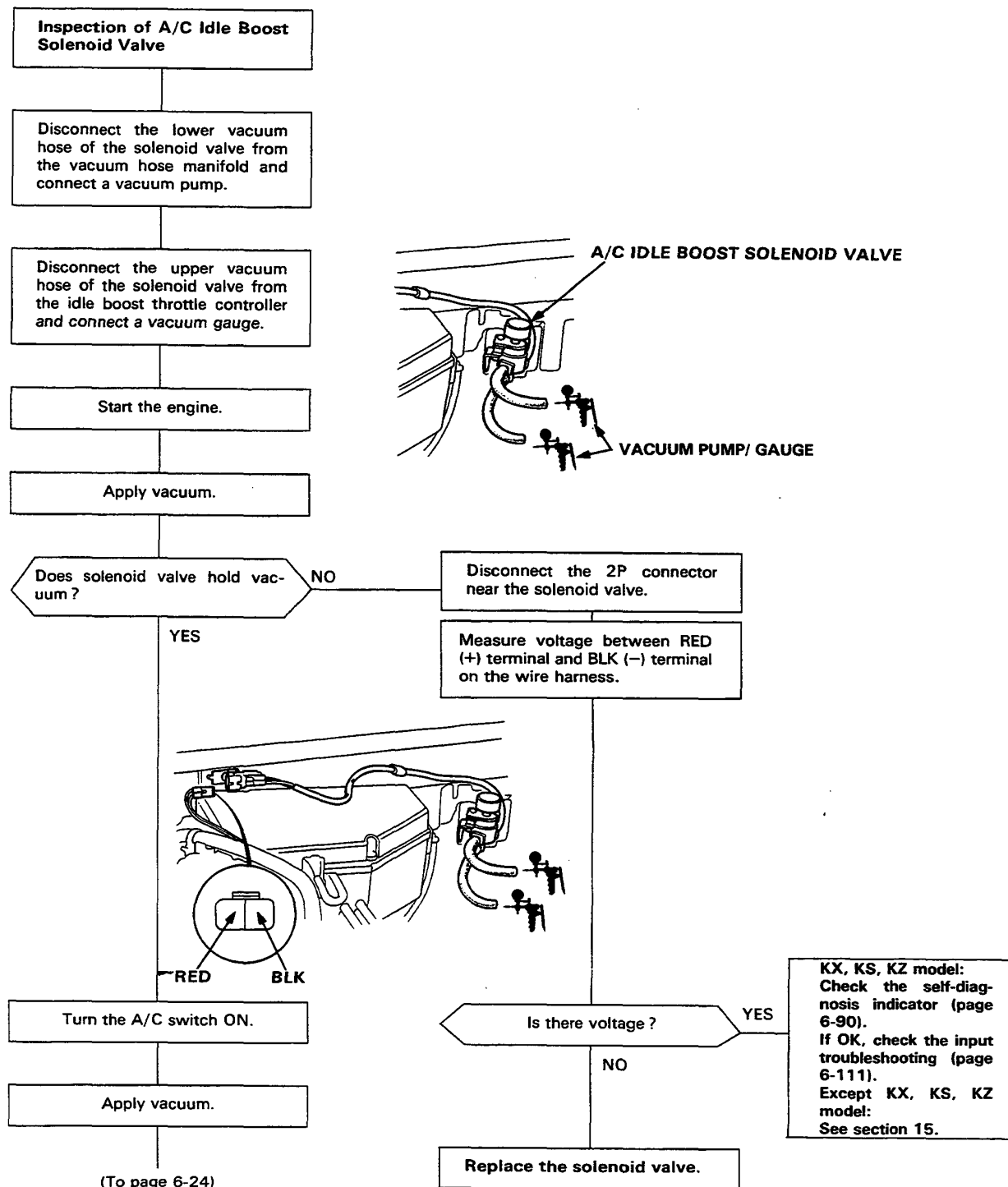
There should be vacuum.



- If there is vacuum, check the throttle valve shaft for binding or sticking and replace the idle boost throttle controller.
- If there is no vacuum, go to troubleshooting (page 6-23).



## Troubleshooting Flow Chart A/C Idle Boost Solenoid Valve



(cont'd)

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## Idle Control System (A/C only) (cont'd)

(From page 6-23)

