



Idle Control System

Idle Speed Setting

Inspection/Adjustment

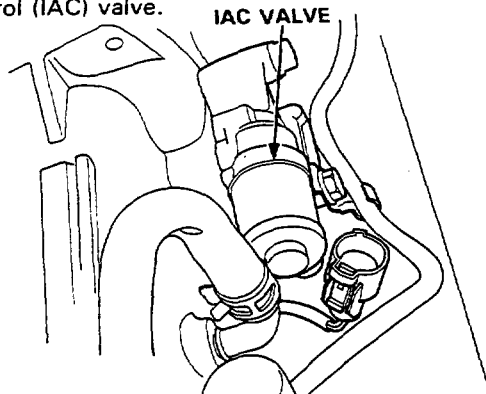
NOTE: Before the idle speed set, check the following items:

- The MIL has not been reported on.
- Ignition timing
- Spark plugs
- Air cleaner
- PCV system

1. Start the engine. Hold the engine at 3,000 rpm (min^{-1}) with no load (A/T in **N** or **P** position, M/T in neutral) until the radiator fan comes on, then let it idle.

2. Connect a tachometer.

3. Disconnect the 2P connector from the Idle Air Control (IAC) valve.



4. Start the engine with the accelerator pedal slightly depressed. Stabilize the engine speed at 1,000 rpm (min^{-1}), then slowly release the pedal until the engine idles.

5. Check idling in no-load conditions: headlights, blower fan, rear defogger, radiator fan, and air conditioning are not operating.

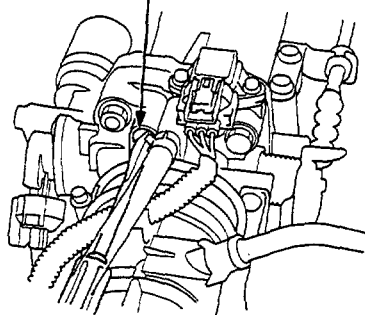
Idle speed should be:

M/T	550 \pm 50 rpm (min^{-1})
A/T	550 \pm 50 rpm (min^{-1}) (in N or P position)

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

NOTE: After adjusting the idle speed in this step, check the ignition timing (see section 23)
If it is out of spec, go back to step 4.

IDLE ADJUSTING SCREW



6. Turn the ignition switch OFF.

7. Reconnect the 2P connector on the IAC valve, then remove BACK UP (7.5 A) fuse in the under-hood fuse/relay box for 10 seconds to reset the ECM.

8. Restart and idle the engine with no-load conditions for one minute, then check the idle speed.

Idle speed should be:

M/T	750 \pm 50 rpm (min^{-1})
A/T	750 \pm 50 rpm (min^{-1}) (in N or P position)

9. Idle the engine for one minute with headlights (Low) and check the idle speed.

Idle speed should be:

M/T	750 \pm 50 rpm (min^{-1})
A/T	750 \pm 50 rpm (min^{-1}) (in N or P position)

10. Turn the headlights off.

Idle the engine for one minute with heater fan switch at High and air conditioner on, then check the idle speed.

Idle speed should be:

M/T	810 \pm 50 rpm (min^{-1})
A/T	810 \pm 50 rpm (min^{-1}) (in N or P position)

NOTE: If the idle speed is not within specification, see System Troubleshooting Guide on page 11-58.