



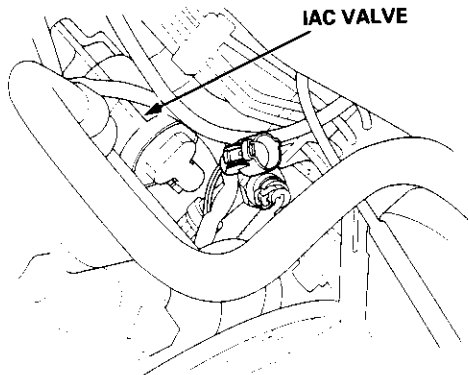
## Idle Speed Setting

### Inspection/Adjustment

#### NOTE:

- When setting the idle speed, check the following items:
  - The MIL has not been reported on.
  - Ignition timing
  - Spark plugs
  - Air cleaner
  - PCV system
- (Canada) Pull the parking brake lever up. Start the engine, then check that the headlights are off.

1. Start the engine. Hold the engine at 3,000 rpm with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
2. Connect a tachometer.
3. Disconnect the 2P connectors from the Idle Air Control (IAC) valve and the EVAP purge control solenoid valve.



4. If the engine stalls, restart the engine with the accelerator pedal slightly depressed. Stabilize the rpm at 1,000, 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 conditioner are not operating.

#### Idle speed should be;

##### B18B1 engine:

M/T	480 ± 50 rpm
A/T	480 ± 50 rpm (in Park or neutral)

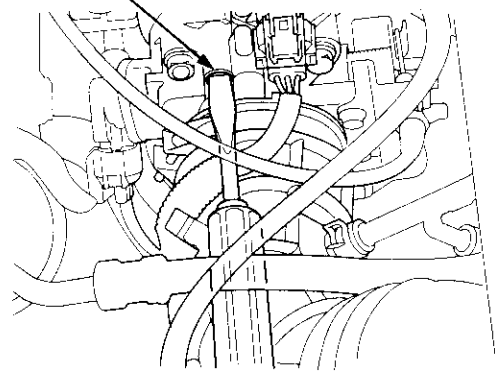
**B18C1 engine: 480 ± 50 rpm**

**B18C5 engine: 550 ± 50 rpm**

If necessary, adjust the idle speed, by turning the idle adjusting screw.

After adjusting the idle speed, recheck 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 connectors to the IAC valve and the EVAP purge control solenoid valve, then do the ECM reset procedures.
8. Restart and idle the engine with no-load conditions for one minute, then check the idle speed.

NOTE: (Canada) Pull the parking brake lever up. Start the engine, then check that the headlights are off.

#### Idle speed should be;

##### B18B1 engine:

M/T	750 ± 50 rpm
A/T	750 ± 50 rpm (in Park or neutral)

**B18C1 engine: 750 ± 50 rpm**

**B18C5 engine: 800 ± 50 rpm**

NOTE: B18B1, B18C1 engines – If the idle speed increases to \*1rpm, this means the EVAP system is purging the canister. To stop the purging temporarily, raise the engine speed above 1,000 rpm with the accelerator pedal, then slowly release the pedal.

\*1: B18B1 engine

M/T: 820 ± 50 rpm

A/T: 840 ± 50 rpm

B18C1 engine

850 ± 50 rpm

(cont'd)