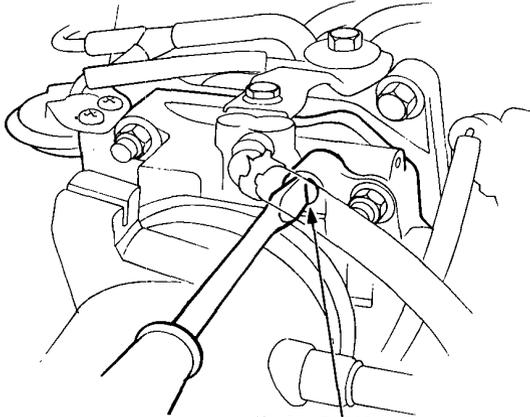


# Engine Tune-up

## Idle Speed Inspection/Adjustment (cont'd)

NOTE: On a new engine (less than 310 miles or 500 km) the Yellow LED may light even though the idle adjusting screw is properly set. However, no adjustment should be made.



**IDLE ADJUSTING SCREW**

— Check that the Yellow LED goes off after approximately 30 seconds.

If it does not go off, rotate the idle adjusting screw by 1/4 turn in the same direction, and repeat the same operation until the Yellow LED goes off.

5. Check the idle speed in the following conditions.
- With headlights (Hi) and rear window defogger ON.
  - While the steering wheel is turning.
  - With air conditioner compressor on.
  - If, applicable, with Automatic transmission model when shifted in gear (except **N** or **P**).

**Idle should remain stable at: 800 ± 50 rpm**

## Inspection

**WARNING** Do not smoke during this procedure. Keep any open flame away from your work area.

1. Start the engine and warm up to normal operating temperature (cooling fan comes on).
2. Connect tachometer.
3. Check idle speed and adjust the idle speed, if necessary (page 6-75).
4. Warm up and calibrate the CO meter according to the meter manufacturer's instructions.
5. Check idle CO with the headlights, heater blower, rear window defogger, cooling fan, and air conditioner off.

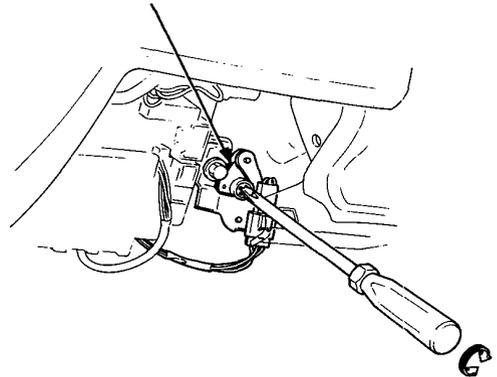
**CO meter should indicate:**

**KG, KX, KQ Model: 0.1 % Maximum.**

**KE, KB, KF Model: 1.0 ± 1.0 Maximum.**

- If unable to obtain this reading;  
On KG, KX, KQ models, see ECU troubleshooting (page 6-25).  
On KE, KB, KF Models, adjust by turning adjusting screw of the IMA sensor.

**IMA SENSOR**



— If unable to obtain a CO reading of specified % by this procedure, check the engine tune-up condition.