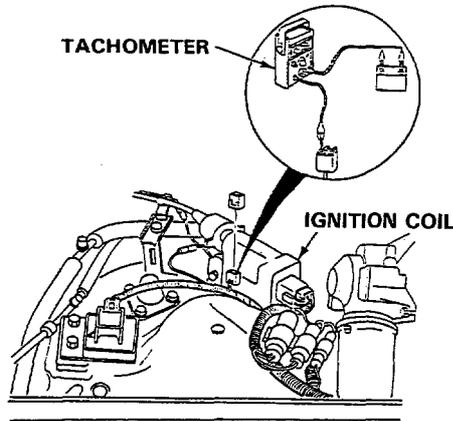


# Idle Speed

## Inspection/Adjustment

1. Start the engine and warm it up to normal operating temperature (the cooling fan comes on).
2. Connect a tachometer.



3. Set the steering in the straight forward condition, and check idling in no-load conditions in which the headlights, blower fan, rear defroster, cooling fan, and air conditioner are not operating.

Idle speed should be:

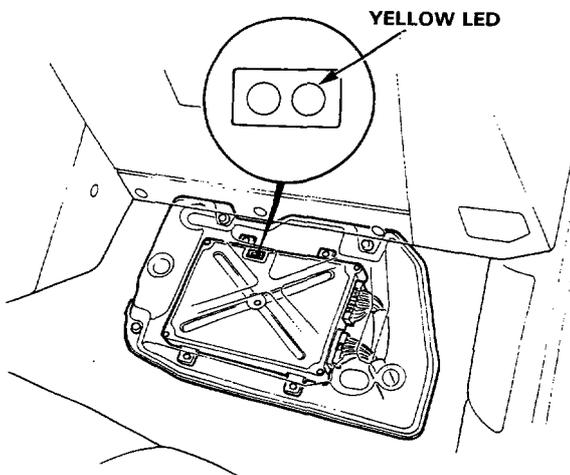
### KG, KX

Manual	$680 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$680 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (in <b>N</b> or <b>P</b> )

### KB, KE, KF, KQ

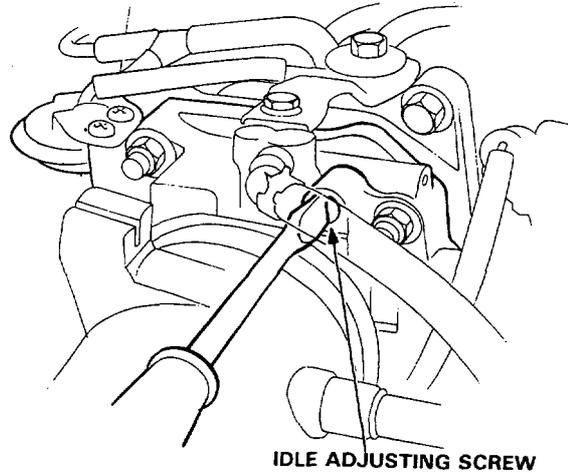
Manual	$720 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$680 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (in <b>D</b> ) and $720 \pm 50 \text{ min}^{-1} \text{ (rpm)}$ (in <b>N</b> or <b>P</b> )

4. Check the Yellow LED display at the ECU under the passenger's seat.



- If Yellow LED is off  
Do not adjust idle adjusting screw.
- If Yellow LED is blinking  
Adjust idle adjusting screw 1/4 turn clockwise.
- If Yellow LED is on  
Adjust idle adjusting screw 1/4 turn counter-clockwise.

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.



– 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:  $800 \pm 50 \text{ min}^{-1} \text{ (rpm)}$