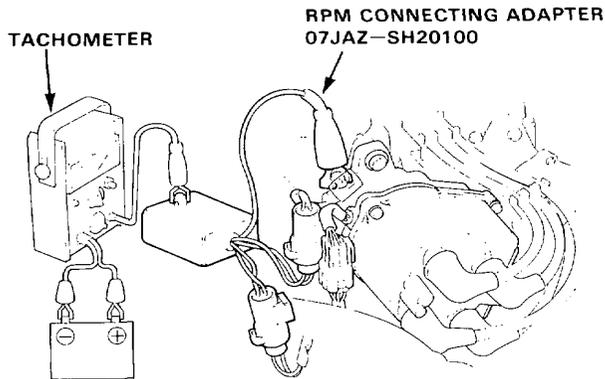


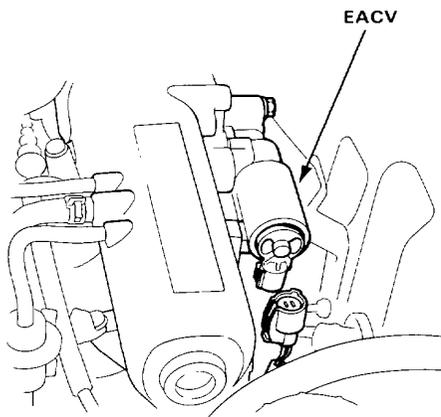
# Engine Tune-up

## 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. Disconnect the 2P connector from the EACV.

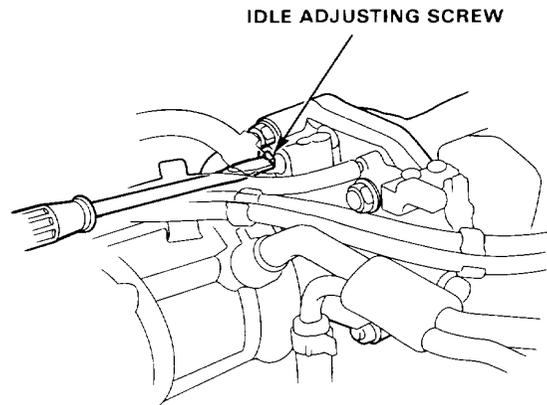


4. Check idling in no-load conditions in which the headlights, blower fan, rear defogger, cooling fan, and air conditioner are not operating.

**Idle speed should be:  $650 \pm 50 \text{ min}^{-1}$  (rpm)**

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

**NOTE:** If the idle speed is excessively high, check the throttle control system (page 6-86).



5. Reconnect the 2P connector on the EACV, then remove HAZARD fuse in the main fuse box for 10 seconds to reset ECU.
6. Idle the engine with no-load conditions in which the headlights, blower fan, rear defogger, cooling fan, and air conditioner are not operating for one minute, then check the idle speed.

KQ, SOHC with CATA	$750 \pm 50 \text{ min}^{-1}$ (rpm)
KY	$780 \pm 50 \text{ min}^{-1}$ (rpm)
DOHC Ex. KQ	$800 \pm 50 \text{ min}^{-1}$ (rpm)

7. Idle the engine for one minute with headlights (Hi) and rear defogger ON and check the idle speed.

**Idle Speed should be:**

KQ, SOHC with CATA	$750 \pm 50 \text{ min}^{-1}$ (rpm)
KY	$780 \pm 50 \text{ min}^{-1}$ (rpm)
DOHC Ex. KQ	$800 \pm 50 \text{ min}^{-1}$ (rpm)

8. Idle the engine for one minute with heater fan switch at HI (right end) and air conditioner on, then check the idle speed.

**Idle Speed should be:**

SOHC and KQ	$780 \pm 50 \text{ min}^{-1}$ (rpm)
DOHC Ex. KQ	$800 \pm 50 \text{ min}^{-1}$ (rpm)

**NOTE:** If the idle speed is not within specifications, see System Troubleshooting Guide on page 6-59.