

# Emission Control System

## Tailpipe Emission

### Inspection

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

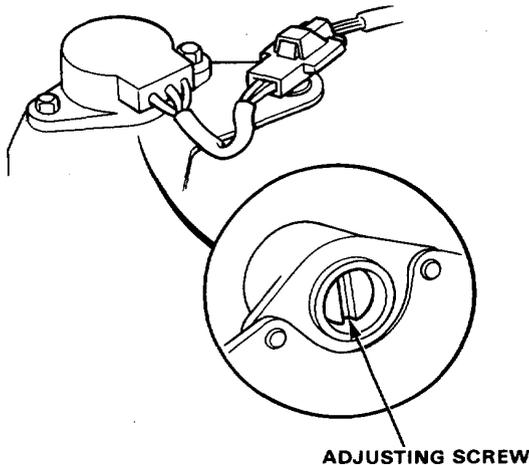
1. Start the engine and warm up to normal operating temperature (cooling fan comes on).
2. Connect tachometer.
3. Check idle speed and adjust the idle speed, if necessary (page 6-133, 134).
4. Warm up and calibrate the CO meter according to the meter manufacturer's instructions.
5. Check idle CO with the headlights, heater blower, rear window defogger, cooling fan, and air conditioner off.

### Specified CO%:

With CATA: 0.1% maximum

Without CATA: 0.5 + 0.5%  
- 0.3%

- If unable to obtain this reading;  
On With CATA, see ECU troubleshooting (page 6-54).  
On other models, adjust by turning the adjusting screw of the IMA sensor.

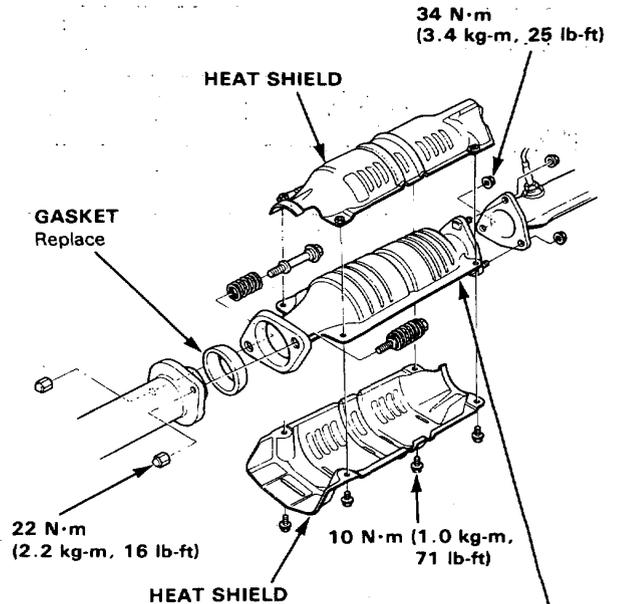


- If unable to obtain a CO reading of specified % by this procedure, check the engine tune-up condition.

## Catalytic Converter

### Inspection

If excessive exhaust system back-pressure is suspected, remove the catalytic converter from the car and make a visual check for plugging, melting or cracking of the catalyst. Replace the catalytic converter if more than 50% of the visible area is damaged or plugged.



### CATALYTIC CONVERTER

Removal Installation, section 5  
Inspect housing for cracks or other damage.  
Inspect element for clogging by looking through the inside.