

CO (w/o TWC) INSPECTION

HINT:

This check is used only to determine whether or not the idle CO complies with regulations.

1. INITIAL CONDITIONS

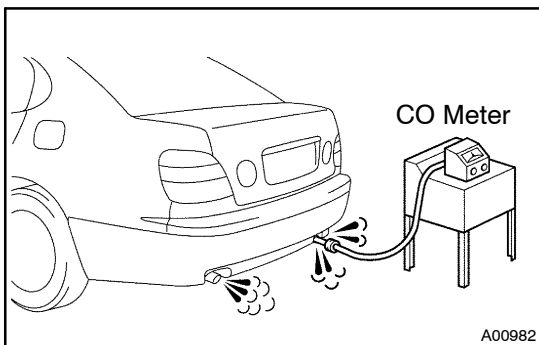
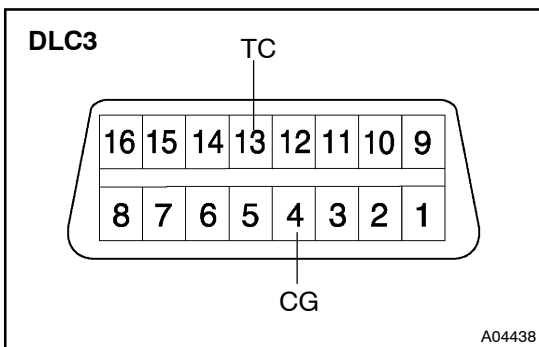
- Engine at normal operating temperature
- Air cleaner installed
- All pipes and hoses of air induction system connected
- All accessories switched OFF
- All vacuum lines properly connected
- EFI system wiring connectors fully plugged
- Ignition timing checked correctly
- Transmission in neutral position
- Air conditioning switched OFF
- Tachometer and CO meter calibrated by hand

2. CHECK AND ADJUST CO CONCENTRATION AT IDLE NOTICE:

Always use a CO meter when adjusting the idle mixture. It is not necessary to adjust with the idle mixture screw in most vehicles if they are in good condition. If a CO meter is not available, DO NOT ATTEMPT TO ADJUST IDLE MIXTURE.

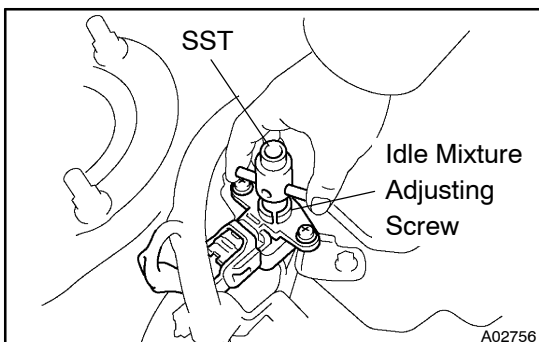
- Using SST, connect terminals 13 (TC) and 4 (CG) of the DLC3.

SST 09843-18040



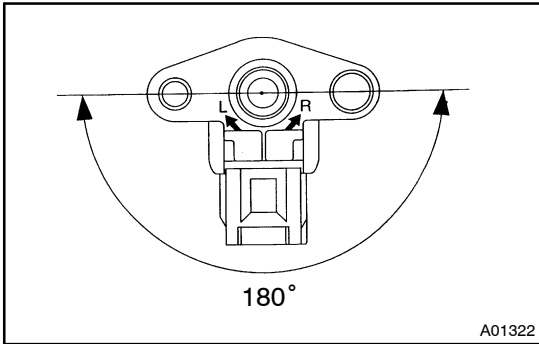
- Race the engine at 2,500 rpm for approx. 180 seconds.
- Insert a tester probe at least 40 cm (1.3 ft) into the tailpipe.
- Wait at least 1 minute before measuring to allow the concentration to stabilize. Complete the measuring within 3 minutes.

Idle CO concentration: 1.0 – 2.0 %



If the CO concentration does not conform to regulations, adjust by turning the IDLE MIXTURE ADJUSTING SCREW in the variable resistor with SST.

SST 09243-00020

**HINT:**

The idle mixture adjusting screw can be tightened through on angle of 180°.

- If the CO concentration is within specification, this adjustment is complete.
- If the CO concentration cannot be corrected by idle mixture adjustment, see the table on [page EM-3](#) for other possible causes.

(e) Remove the SST.

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