

CO INSPECTION

HINT:

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

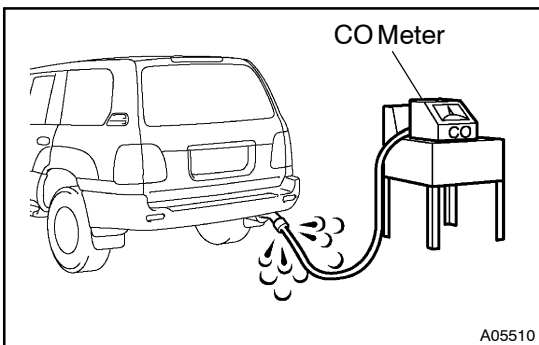
1. INITIAL CONDITIONS

- (a) Engine at normal operating temperature.
- (b) Air cleaner installed.
- (c) All pipes and hoses of air induction system connected.
- (d) All accessories switched OFF.
- (e) All vacuum lines properly connected.
- (f) EFI system wiring connectors fully plugged.
- (g) Ignition timing set correctly .
- (h) Transmission in neutral range.
- (i) Tachometer in neutral position.
- (j) Tachometer and CO meter calibrated by hand.

2. CHECK AND ADJUST CO CONCENTRATION AT IDLE NOTICE:

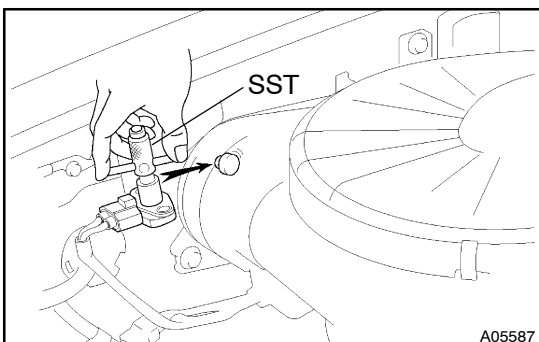
Always use a CO meter when adjusting the idle mixture. It is not necessary to adjust with the idle mixture screw in most vehicles if they are in good condition. if a CO meter is not available, Do NOT ATTEMPT TO ADJUST IDLE MIXTURE

- (a) Race the engine at 2,500 rpm for approx. 180 seconds.



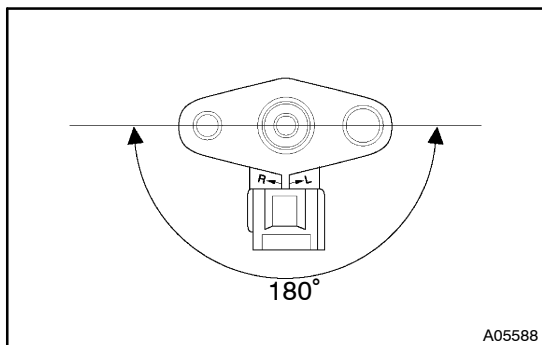
- (b) Insert a tester probe at least 40 cm (1.3ft) into the tailpipe.
- (c) Wait at least 1 minute before measuring to allow the concentration to stabilize. Complete the measuring with 3 minutes.

Idle CO concentration: $1.5 \pm 0.5\%$



If the CO concentration dose not conform to regulations, adjust by turning the IDLE MIXTURE ADJUSTING SCREW in the variable resister 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 adjustments is complete.
- If the CO concentration can not be corrected by idle mixture adjustment, see the table below for other possible causes.