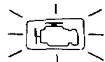




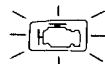
1. When the idle speed is out of specification and LED does not blink CODE 14, check the following items:
 - Adjust the idle speed (page 6-207)
 - Air conditioning signal (page 6-198)
 - Alternator FR signal (page 6-200)
 - A/T shift position signal (page 6-202)
 - Starter switch signal (page 6-204)
 - P/S oil pressure signal (page 6-205)
 - Fast idle valve (page 6-206)
 - Air boost valve
 - Hoses and connections
 - EACV and its mounting O-rings
2. If the above items are normal, substitute a known-good EACV and readjust the idle speed (page 6-194)
 - If the idle speed still cannot be adjusted to specification (and LED does not blink CODE 14) after EACV replacement, substitute a known-good ECU and recheck. If symptom goes away, replace the original ECU.

Idle Control System

Troubleshooting Flowchart — EACV



Self-diagnosis LED indicates code 14: A problem in the Electronic Air Control Valve (EACV) circuit.



- Engine is running.
- Check Engine warning light has been reported on.
- LED indicates CODE 14.

Turn the ignition switch OFF.

Remove BACK UP fuse in the under-hood relay box for 10 seconds to reset ECU.

Start engine.

Is Check Engine warning light on and does LED indicate CODE 14 ?

NO

Intermittent failure, system is OK at this time (test driving may be necessary).
Check for poor connections or loose wires at EACV connector.

YES

Stop engine.

Disconnect the 2P connector from the EACV.

Measure resistance between the 2 terminals on the EACV.

Is there 8—15 Ω ?

NO

Replace EACV.

YES

Check for continuity to body ground on each terminal on the EACV.

Does continuity exist ?

YES

Replace EACV.

NO

Turn the ignition switch ON.

(To page 6-195)

