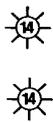
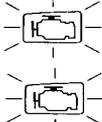




Idle Control System

Troubleshooting Flow Chart — EACV



Self-diagnosis LED indicator blinks fourteen times: A problem in the Electronic Air Control Valve (EACV) circuit.

- Engine is running.
- Check Engine (PGM-FI) warning light is on.
- LED indicates CODE 14.

Turn the ignition switch OFF.

Remove CLOCK 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
(test driving may be necessary)

YES

Stop engine.

Disconnect the 2P connector from the EACV.

Measure resistance between the 2 terminals on the EACV.

Is there 8—15Ω ?

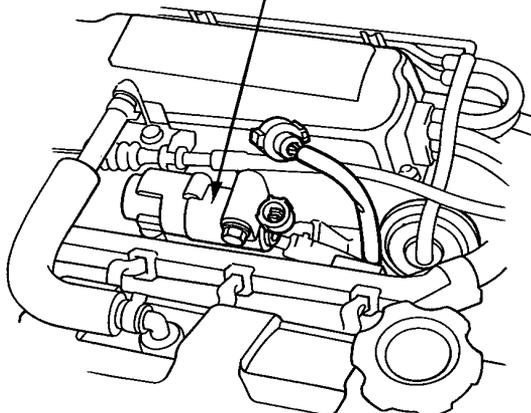
NO

Replace EACV.

YES

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

EACV



(To page 6-84)

(cont'd)

Idle Control System

Troubleshooting Flow Chart — EACV (cont'd)

(From page 6-83)

Does continuity exist ? YES **Replace EACV**

NO

Turn the ignition switch ON.

Measure voltage between BLK/ YEL (+) terminal and BLU/RED (-) terminal.

Is there battery voltage ? YES

Turn the ignition switch OFF.

Disconnect the A connector from the ECU

Turn the ignition switch ON.

Is there battery voltage ? YES

Repair short in BLU/ RED wire between ECU (A11) and EACV.

NO

Measure voltage between BLK/ YEL (+) terminal and body ground.

Is there battery voltage ? NO

Repair open in BLK/ YEL wire between the EACV and No.12 fuse.

NO

YES

Turn the ignition switch OFF.

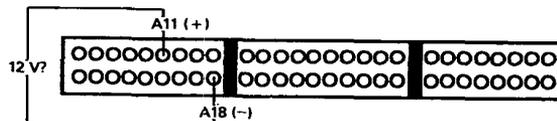
Reconnect the 2P connector to EACV.

Connect the system checker harness "A" connector to the wire harness only, not the ECU.

Turn the ignition switch ON.

Measure voltage between A11 (+) terminal and A18 (-) terminal.

Substitute a known-good ECU and recheck. If symptom/ indication goes away, replace the original ECU.



(To page 6-85)



(From page 6-84)

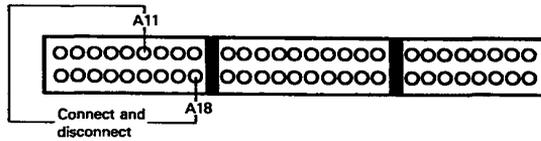
Is there battery voltage ?

NO

Repair open in BLU/
RED wire between
ECU (A11) and EACV.

YES

Connect and disconnect A11 terminal to A18 terminal.



Does EACV click when the connector is connected and disconnected ?

NO

Replace EACV.

YES

Substitute a known-good ECU and recheck. If symptom/indication goes away, replace the original ECU.