



Troubleshooting Flow Chart — EACV



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

- Engine is running.
- LED indicates CODE 14.

Turn the ignition switch OFF.

Remove EFI/ ECU fuse in the under-hood relay box for 10 seconds to reset control unit.

Start engine.

Does LED indicates CODE 14 ?

NO

Intermittent failure
(test driving may be necessary.)

YES

Stop engine.

Disconnect the 2P connector on 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.

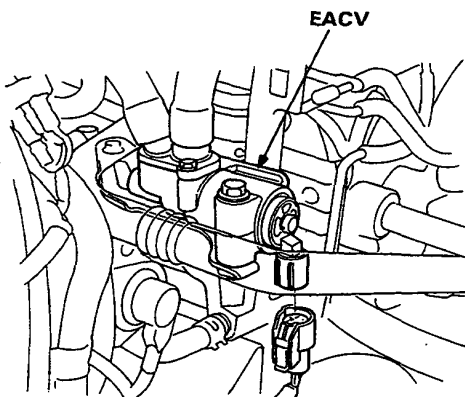
Does continuity exist ?

YES

Replace EACV.

NO

(To page 6-110)



(cont'd)

PGM-CARB Control System [KX, KS, KZ model]

Troubleshooting Flow Chart — EACV (cont'd)

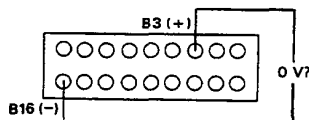
(From page 6-109)

Reconnect the 2P connector to EACV.

Connect the ECU check adaptor B between the control unit and connector (page 6-91).

Start the engine.

Measure voltage between B3 (+) terminal and B16 (-) terminal.



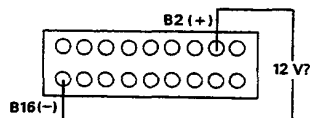
Is there voltage ?

NO

Substitute a known- good control unit and recheck. If prescribed voltage is now available replace the original control unit.

YES

Measure voltage between B2 (+) terminal and B16 (-) terminal.



Is there battery voltage ?

NO

Substitute a known-good control unit and recheck. If prescribed voltage is now available replace the original control unit.

YES

Repair open in BLU/RED wire between control unit (B3) and EACV or YEL/BLK wire between control unit (B2) and EACV.