



## Evaporative Emission Controls

### Troubleshooting Flowchart

Inspection of Evaporative Emission Controls.

Disconnect #3 vacuum hose from the purge control diaphragm valve (on the charcoal canister) and connect a vacuum gauge to the hose.

Start the engine and allow to idle.  
NOTE: Engine coolant temperature must be below 75°C (167°F).

PURGE CONTROL  
DIAPHRAGM VALVE

VACUUM PUMP/GAUGE

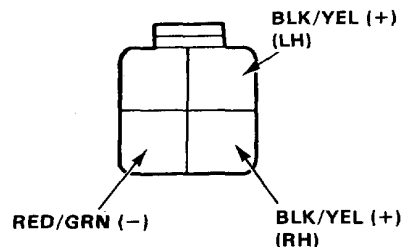
Is there vacuum ?

YES

Disconnect the 4P (KQ: 2P) connector.

NO

Except KQ:



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

Is there battery voltage ?

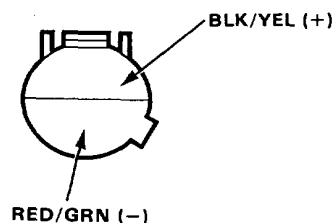
YES

Inspect vacuum hose routing.  
If OK, replace purge cut-off solenoid valve.

NO

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

KQ:



(To page 6-242)

(To page 6-242)

(cont'd)