



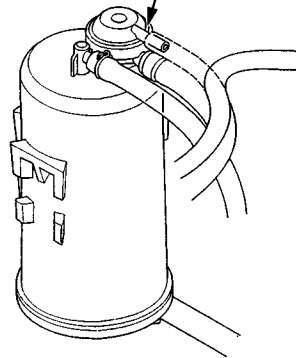
### Troubleshooting Flowchart

**Inspection of Evaporative Emission Controls**

Disconnect 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 it to idle.  
NOTE: Engine coolant temperature must be below 70°C (158°F).

PURGE CONTROL DIAPHRAGM VALVE



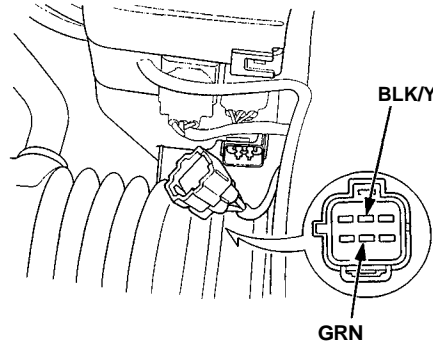
VACUUM PUMP/GAUGE  
A973X-041-XXXXX

Is there vacuum ?

YES

Disconnect the 6P connector.

NO



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

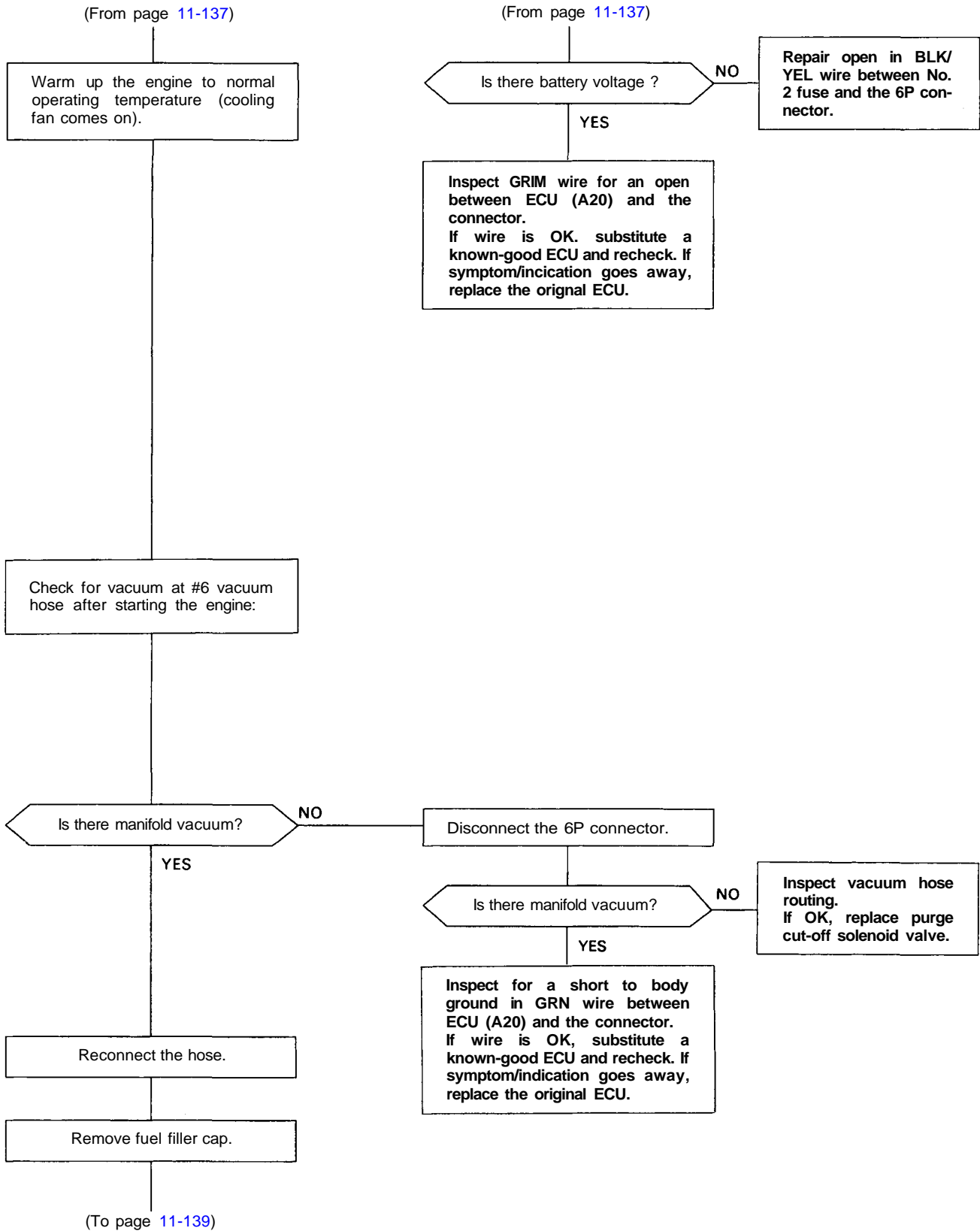
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# Emission Control System

## Evaporative Emission Controls (cont'd)



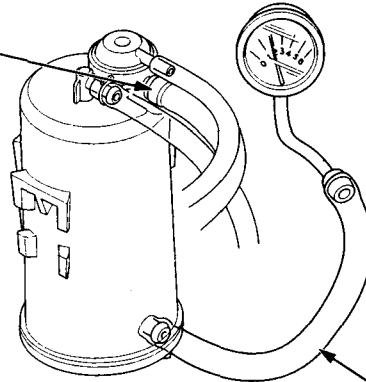


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Connect a vacuum gauge to canister purge air hose.

Start the engine and raise speed to 3,500 rpm.

PURGE HOSE



VACUUM/PRESSURE GAUGE, 0-4 in. Hg  
07JAZ-001000A

PURGE AIR HOSE

Does vacuum appear on gauge within 1 minute?

NO

Connect a vacuum gauge to the canister purge hose and raise the engine speed to 3,500 rpm.

YES

See two-way valve test to complete.  
Evaporative emission control are OK.

Does vacuum appear on the gauge?

NO

Inspect the purge hose and throttle body port for pinch or blockage.

YES

Replace the canister.

(cont'd)