

# Emission Control System

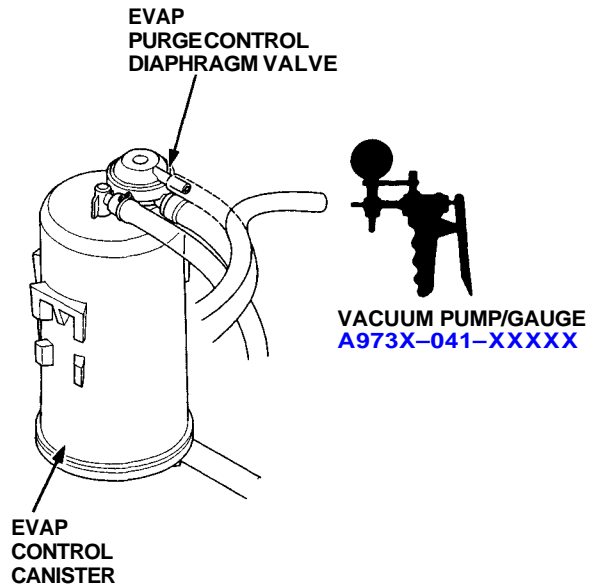
## Evaporative Emission (EVAP) Controls (cont'd)

### Troubleshooting Flowchart

#### Inspection of Evaporative Emission Controls

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

Start the engine and allow it to idle.  
NOTE: Engine coolant temperature must be below 158°F (70°C).

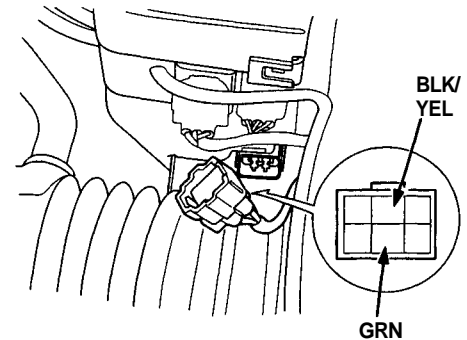


Is there vacuum ?

YES

Disconnect the 6P connector from the control box.

NO



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

Is there battery voltage ?

YES

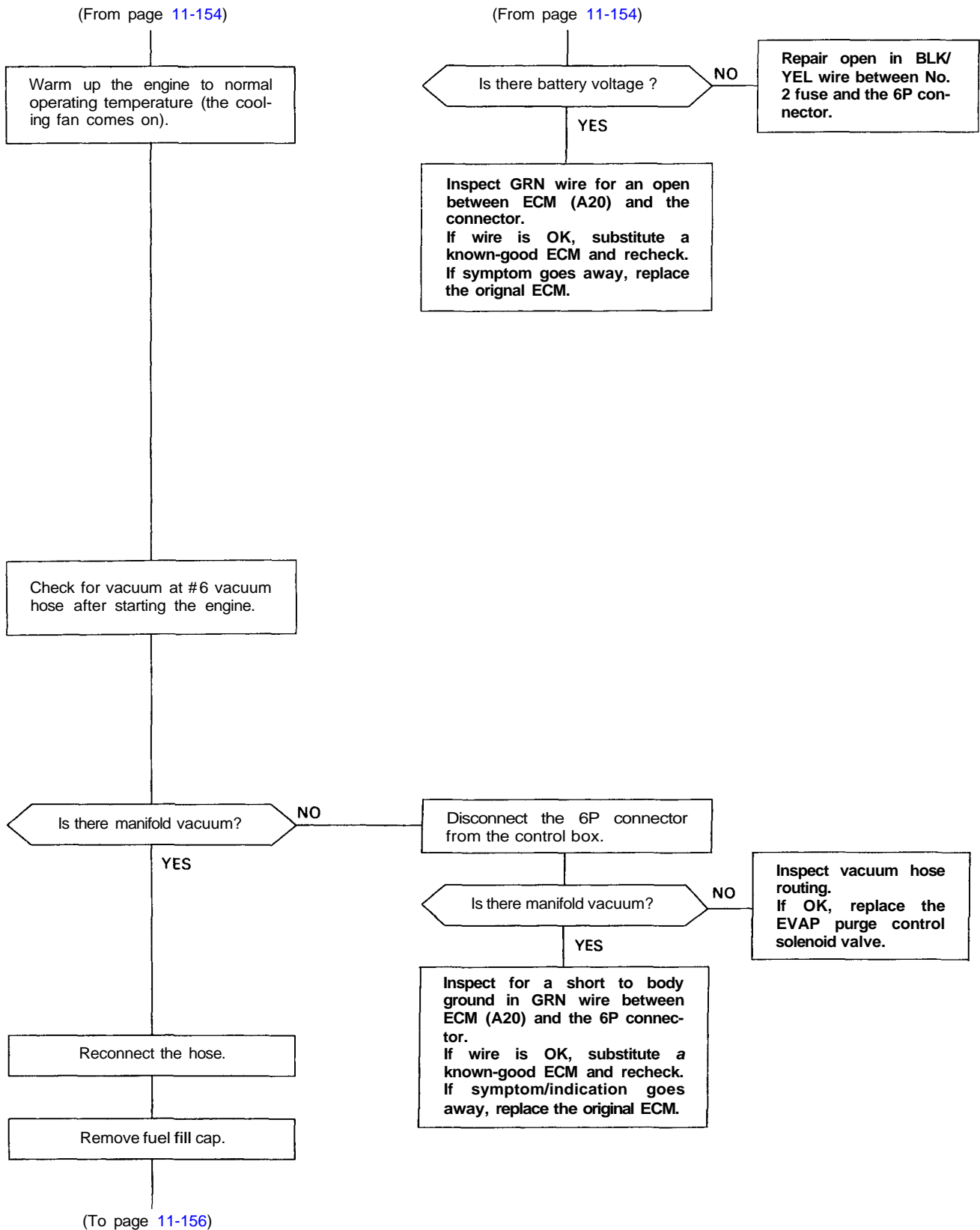
Inspect vacuum hose routing.  
If OK, replace the EVAP purge control solenoid valve.

NO

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

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## Evaporative Emission (EVAP) Controls (cont'd)

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Connect a vacuum gauge to purge air hose.

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

Does vacuum appear on gauge within 1 minute?

YES

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

NO

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

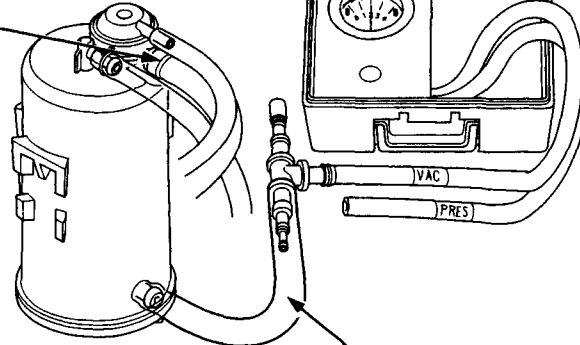
Does vacuum appear on the gauge?

YES

Replace the EVAP control canister.

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

PURGE HOSE



PURGE AIR HOSE

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

NO