

# Fuel Supply System

## Fuel Pressure Regulator (cont'd)

Fuel Pressure Regulator Control Solenoid Valve Troubleshooting Flowchart

Inspection of Fuel Pressure Regulator Control Solenoid Valve.

Start the engine and warm up to normal operating temperature (the radiator fan comes on).

Disconnect the #1 vacuum hose from the fuel pressure regulator and connect a vacuum gauge to the hose.

Is there manifold vacuum ?

YES

Turn the ignition switch OFF.

Disconnect the 4P connector from the control box.

Connect battery positive to terminal D and battery negative to terminal C of the solenoid valve.

Start the engine and allow it to idle.

VACUUM  
PUMP/GAUGE  
A973X-041-XXXXX

#1 VACUUM  
HOSE

FUEL  
PRESSURE  
REGULATOR

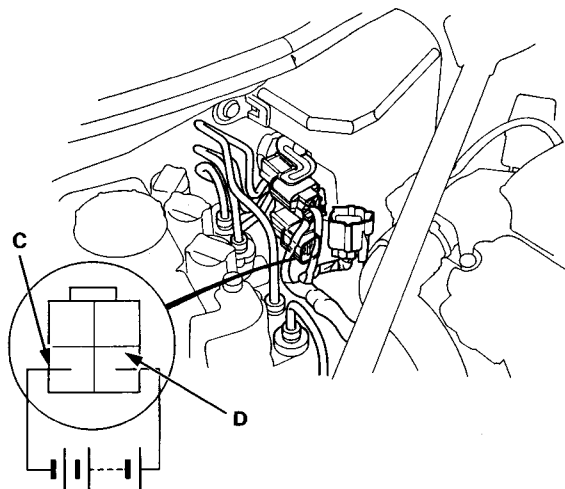
Disconnect the 4P connector from the control box.

Is there vacuum ?

YES

Inspect for a short to ground in LT GRN wire between ECM or PCM (A19) and 4P connector. If wire is OK, substitute a known-good ECM or PCM and recheck. If symptom goes away, replace the original ECM or PCM.

Check the #1 and #3 vacuum hose. If hoses are OK, replace the fuel pressure regulator control solenoid valve.



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