



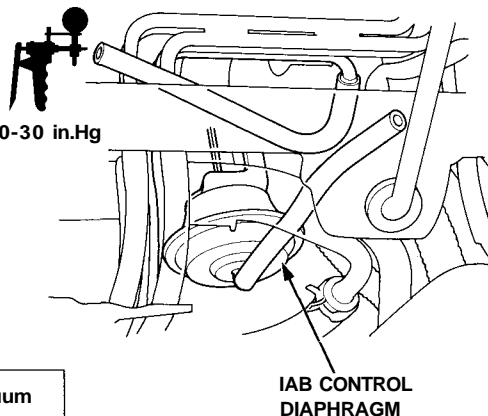
Troubleshooting

Inspection of IAB Control System.

Check for vacuum at idle:

1. Start the engine and allow it to idle.
2. Remove the No. 3 vacuum hose from the IAB control diaphragm and connect a vacuum gauge to the hose.

VACUUM PUMP/GAUGE, 0-30 in.Hg
A973 - 041 - XXXXX



IAB CONTROL DIAPHRAGM

Is there vacuum?

NO

YES

Check for vacuum at IAB vacuum tank:

Remove No. 3 vacuum hose from the IAB vacuum tank, then check for vacuum at the IAB vacuum tank.

Is there vacuum?

NO

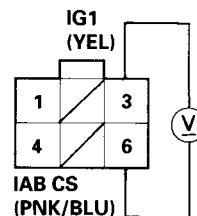
YES

Repair the blockage or vacuum leak between the IAB vacuum tank and the intake manifold.

Check for an open in the circuit:

1. Turn the ignition switch OFF.
2. Disconnect the 6P connector from the control box.
3. Turn the ignition switch ON (II).
4. Measure voltage between the control box connector terminals No. 3 and No. 6.

CONTROL BOX 6P CONNECTOR



Wire side of female terminals

Is there battery voltage?

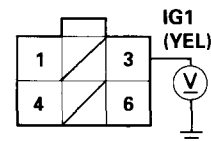
YES

NO

Replace the IAB control solenoid valve.

Check for an open in the wire (IG1 line):

Measure voltage between the control box connector terminal No. 3 and body ground.



(To page 11-156)



(To page 11-156)

(cont'd)

Intake Air System

Intake Air Bypass (IAB) Control System (cont'd)

