

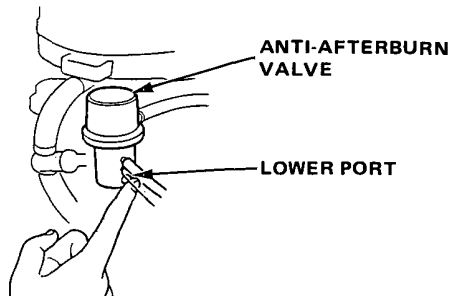
Mixture Control System

Anti-afterburn Valve

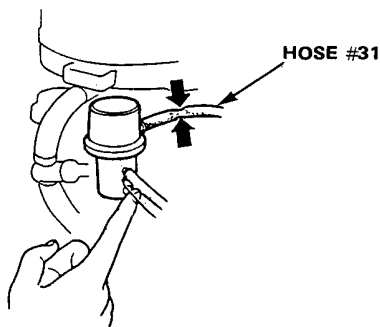
[Swiss Model]

1. Disconnect the air suction lower hose at the anti-afterburn valve.
2. Start the engine and check for vacuum at idle.

There should be no vacuum.



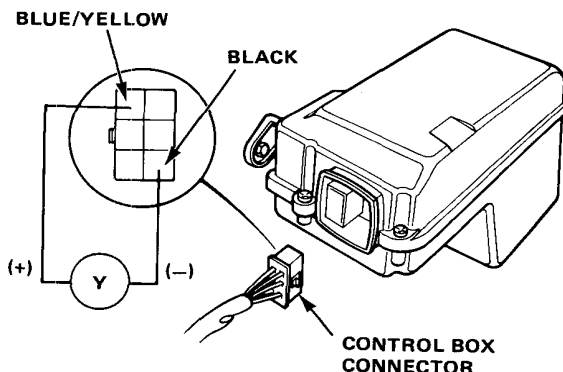
- If there is no vacuum, go on to step 3.
- If there is vacuum, pinch the hose #31 and check for vacuum at idle.



- If there is no vacuum, check hose #31 for leaks or disconnected hose.
- If there is vacuum, replace the anti-afterburn valve and re-test.

3. Check for voltage at the control box connector with the ignition switch turned to III (start).

There should be voltage after 4 seconds.

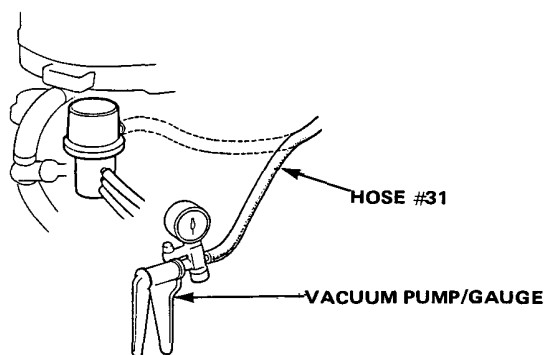


- If there is no voltage, go on to troubleshooting (page 12-23).
- If there is voltage, reconnect control box connector and go on to step 4.

4. Quickly raise engine speed to 3,500 min⁻¹ (rpm) and close the throttle suddenly.

There should be vacuum at lower port.

- If there is vacuum, test is complete.
- If no vacuum, check for vacuum at hose #31.



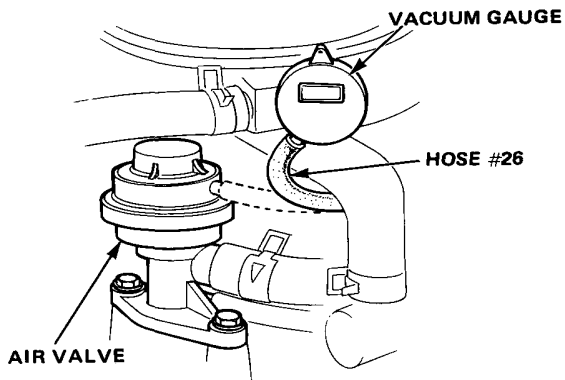
- If there is vacuum, replace the anti-afterburn control solenoid valve and re-test.
- If there is no vacuum, replace the anti-afterburn valve and re-test.



Air Valve

[Australian and Swiss Models]

1. Disconnect hose #26 at air valve and connect a vacuum gauge to hose #26.



2. Start the engine, raise engine speed to 3,500 min⁻¹ (rpm), close the throttle suddenly and watch the gauge.

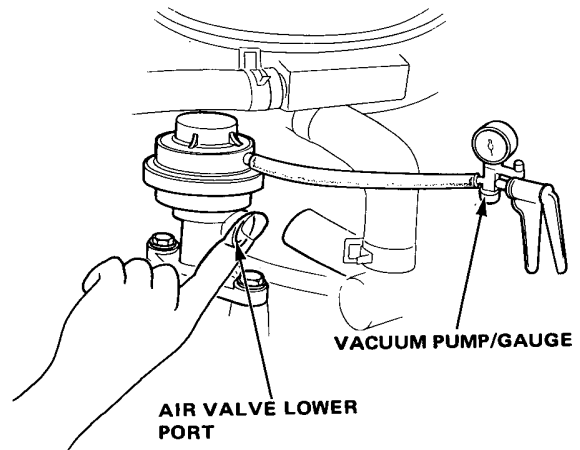
Vacuum should stabilize at:

Transmission	Vacuum
Manual	600±30 mmHg
Hondamatic	580±30 mmHg

- If vacuum stabilizes above range, go on to step 3.
- If vacuum does not stabilize above range, check vacuum lines #26 and #1. If no problem, replace the air valve control solenoid valve and re-test.

3. Disconnect the air suction lower hose at the air valve.
4. Connect a vacuum pump/gauge to the air valve and apply 600 mmHg (23.6 in.Hg).

Vacuum should remain steady and there should be vacuum at air valve lower port.



- If vacuum remains steady and there is vacuum, air valve is working properly. Remove the vacuum pump/gauge and reconnect hose #26 and lower hose; test is complete.
- If vacuum does not remain steady and no vacuum, replace the air valve and re-test.
- If vacuum remains steady but no vacuum at lower port: remove air valve; check air valve and manifold for blockage, clean or replace as necessary and re-test.