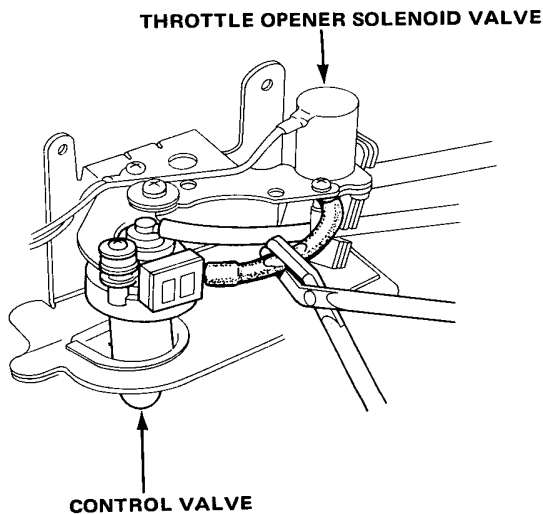


# Dashpot

## Inspection (cont'd)

(Only Swiss, Swedish and Australian Models of Manual Transmission and Canadian Model.)

5. Pinch the hose between the throttle opener solenoid valve and control valve and repeat step 3.
  - If there is no change, replace the control valve and repeat step 3.
  - If the throttle return time is within the limits with hose pinched, check for voltage at the throttle opener solenoid valve (yellow/white wire of the control box connector)
    - If voltage is present, replace the speed sensor and re-test.
    - If there is no voltage, replace the throttle opener solenoid valve and re-test.



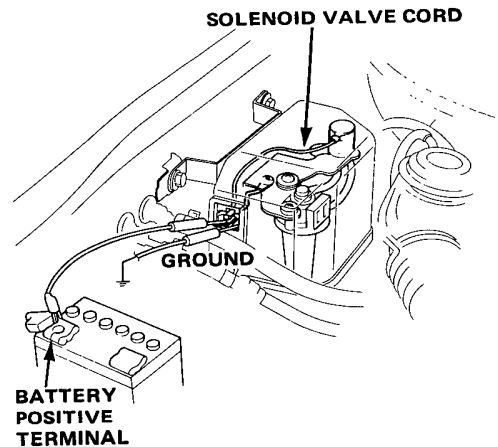
# Throttle Opener

## Inspection

(Only Swiss, Swedish and Australian Models of Manual Transmission and Canadian Model.)

NOTE: Dashpot check should be completed before testing.

1. Start the engine and allow it to reach normal operating temperature (cooling fan comes on).
2. Bypass the speed sensor by jumping the battery (+) voltage to the yellow/white wire at the control box connector.
3. Raise the engine speed to 3,500 min<sup>-1</sup> (rpm) and release the throttle. The return time to the idle should be longer than the dashpot check time (1–4 seconds) but not longer than 6 seconds.



- If the return time to the idle takes longer than the time you recorded for the dashpot system, but not longer than 6 seconds, the throttle opener is OK. Go on to step 5.
  - If the return time is longer than 6 seconds, replace the throttle control valve and retest.
  - If the return time is less than the time you recorded for the dashpot system, go on to step 4.
4. Remove the vacuum line connecting the throttle opener solenoid valve to the control valve. Check for vacuum at the throttle opener solenoid valve.
    - If vacuum is present, replace the control valve and re-test.
    - If no vacuum, replace the throttle opener solenoid valve and re-test.
  5. Disconnect the battery jumper and stop the engine.