



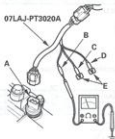
## Vehicle Speed Signal Circuit Troubleshooting

### Special Tools Required

Test Harness 07LAJ-PT3020A

Before testing, inspect the No. 4 (10 A) and No. 10 (7.5 A) fuses in the under-dash fuse/relay box.

1. Disconnect the 3P connector from the vehicle speed sensor (VSS) (A).



2. Connect the test harness only to the engine wire harness.
3. Connect the RED test harness clip (B) to the positive probe of an ohmmeter. Cover the white (C) and green (D) test harness leads with protective tape (E).
4. Check for continuity between the RED test harness clip and body ground.

*Is there continuity?*

**YES**—Go to step 5.

**NO**—Repair open in the BLK wire between the VSS and G101. ■

5. Connect the WHT test harness clip (B) to the positive probe of a voltmeter, and connect the RED test harness clip (C) to the negative probe.



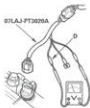
6. Connect the test harness to the VSS.
7. Turn the ignition switch ON (II).

*Is there battery voltage?*

**YES**—Go to step 8.

**NO**—Repair open in the BLK/YEL or BLK/ORN wire between the VSS and the under-dash fuse/relay box or repair poor ground or open in BLK wire between VSS and G101. ■

8. Disconnect the test harness from the VSS.
9. Disconnect the WHT test harness clip (B).
10. Connect the GRN test harness clip (D) to the positive probe of a voltmeter.



*Is there 5 V or more?*

**YES**—Go to step 11.

**NO**—Repair short or open in the BLU/WHT or WHT/GRN wire between the VSS and the cruise control unit, the gauge assembly or the ECM/PCM. ■

(cont'd)