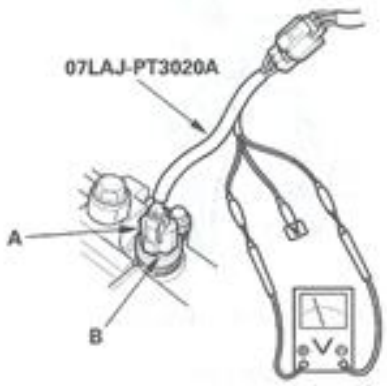
Vehicle Speed Signal Circuit Troubleshooting (cont'd)

11. Turn the ignition switch OFF.
12. Connect the other test harness connector (A) to the VSS (B).



13. Raise the front of the vehicle, and make sure it is securely supported.
14. Put the vehicle in neutral with the ignition switch ON (II).
15. Slowly rotate one wheel with the other wheel blocked.

    Does voltage pulse from 0 to about 5 V or more?

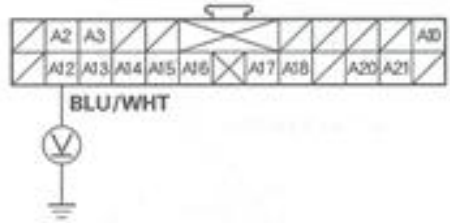
    YES—Go to step 16.

    NO—Replace the VSS.■

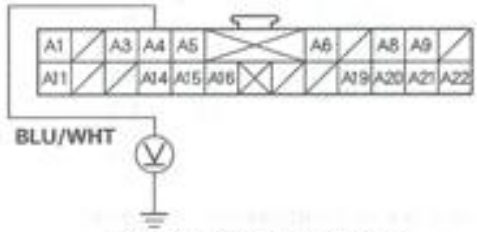
16. Disconnect the 22P connector "A" from the gauge assembly.

GAUGE ASSEMBLY CONNECTOR A (22P)

'01-04 models-Nippon Seiki type



'03-04 models-Visteon type



Wire side of female terminals

17. Touch a probe to the BLU/WHT wire, and connect to body ground through a voltmeter.
18. Slowly rotate one wheel with the other wheel blocked.

    Does voltage pulse from 0 to about 5 V or more?

    YES—Replace the speedometer assembly.■

    NO—Repair open in the BLU/WHT or WHT/GRN wire between the VSS and the speedometer.■