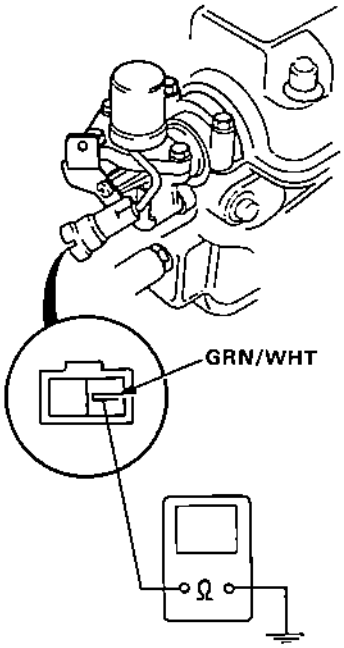
Troubleshooting Flowchart —— Spool Valve

㉑ Self-diagnosis LED indicates code 21: A problem in the Spool Valve circuit.

Disconnect the 2P connector from the spool valve.



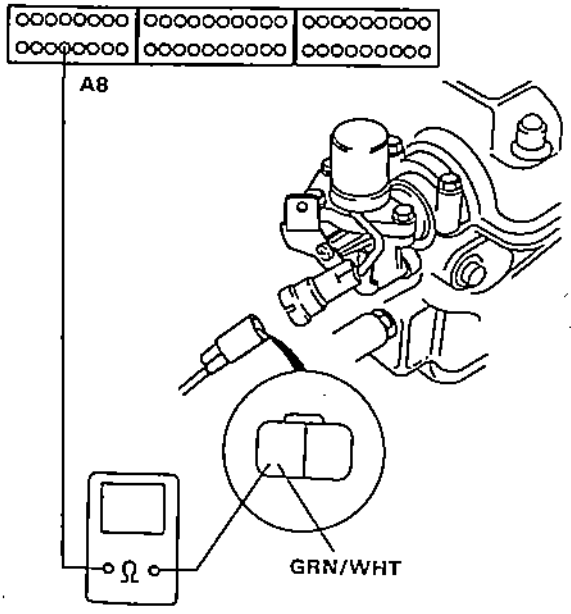
Check for continuity between GRN/WHT terminal and body ground.

Is there 14—30 Ω ?

NO → Replace the spool solenoid valve.

YES

Connect the ECU test harness.



Check for continuity between GRN/WHT terminal and A8 terminal.

Does continuity exist ?

NO → Repair open in GRN/WHT wire between ECU and spool valve connector.

YES

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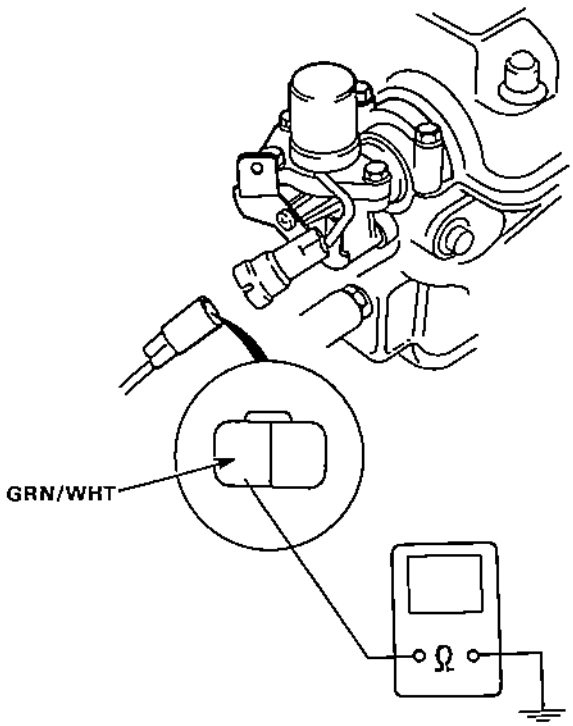
(From page 5-32)

Check for continuity between GRN/WHT terminal (harness side) and body ground.



Does continuity exist ?

YES → Repair short in GRN/WHT wire between ECU and spool valve connector.

NO

Substitute a known-good ECU and recheck If symptom/indication goes away replace the original ECU.