Troubleshooting Flowchart —— Ignition Coil Signal

Self-diagnosis LED indicates code 8: A problem in the ignition coil signal circuit.

LED indicates CODE 8.

Turn the ignition switch OFF.

Remove EFI, ECU fuse in the under-hood relay box for 10 seconds to reset control unit.

Start the engine and allow to idle.

Does LED indicate CODE 8?

NO → **Intermittent failure. Check the connectors at the ignition coil and control unit.**

YES

Turn the ignition switch OFF.

Disconnect the primary terminals from the ignition coil.

Measure resistance between the B and D terminals.

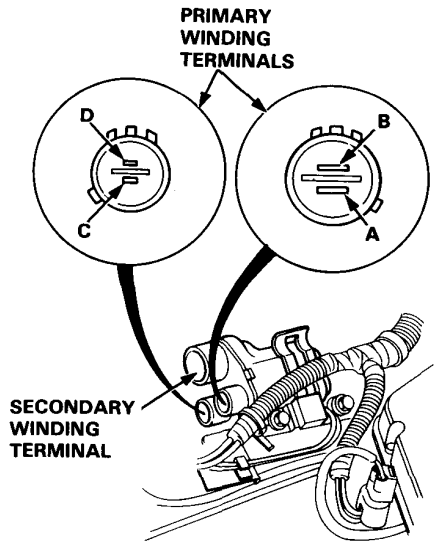
Is there approx. 2000 Ω?

NO → **Replace ignition coil.**

YES

Reconnect the primary terminals to the ignition coil.

(To page 6-35)



(From page 6-34)

Connect the ECU test harness to main wire harness, but not the control unit (page 6-16).

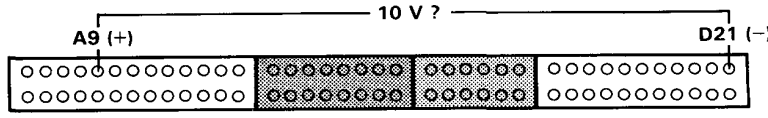
Turn the ignition switch ON.

Measure voltage between A9 (+) terminal and D21 (–) terminal.

Is there approx. 10 V?

NO

Repair open BLU wire between control unit (A9) and ignition coil.

YES

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