

Turn the ignition switch to "ON".
Crank the engine with the starter motor, and measure the cam pulse generator peak voltage at the cam pulse generator 2P connector.

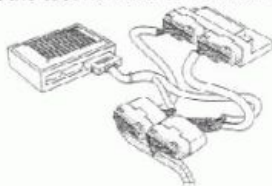


Connection: White/yellow (+) – Gray (–)
Standard: 0.7 V minimum (20 °C/68 °F)

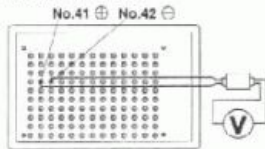
Out of range → • Faulty cam pulse generator.

Normal

Disconnect the cam pulse generator 2P connector.
Disconnect the ECM connectors.
Connect the test harness to ECM connectors.



Crank the engine with the starter motor, and measure the cam pulse generator peak voltage at the test pin box terminals.

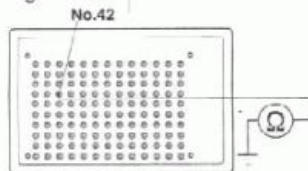


Connection: No. 42 (+) – No. 41 (–)
Standard: 0.7 V minimum (20 °C/68 °F)

Out of range → • Open circuit in White/yellow and/or Gray wire.

Normal

Check for continuity between the test pin box terminal and ground.



Connection: No. 42 – Ground
Standard: No continuity

Continuity → • Short circuit in White/yellow wire.

No continuity → • Replace the ECM with a new one, and inspect it again.