

FUEL SYSTEM (Programmed Fuel Injection)

DTC 18-1 (CAM PULSE GENERATOR)

- Before starting the inspection, check for loose or poor contact on the cam pulse generator connector and recheck the DTC.

1. Cam Pulse Generator Peak Voltage Inspection

Turn the ignition switch OFF.
Disconnect the cam pulse generator 2P connector.

Turn the ignition switch ON and engine stop switch "Q".

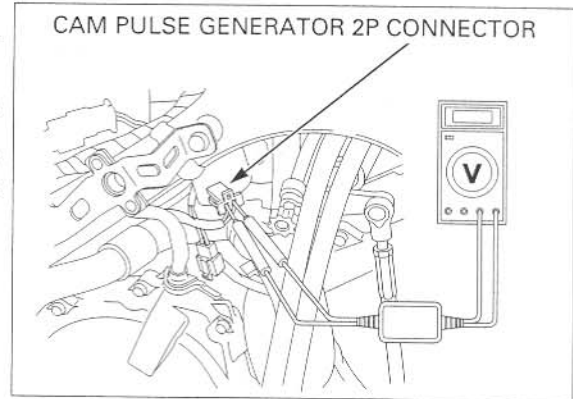
Crank the engine with the starter motor, and measure the cam pulse generator peak voltage at the cam pulse generator 2P connector.

Connection: Gray (+) – White/yellow (-)

Is the voltage more than 0.7 V (20 °C/68 °F)?

YES – GO TO STEP 2.

NO – Faulty cam pulse generator



2. Cam Pulse Generator Circuit Inspection

Turn the ignition switch OFF.
Disconnect the ECM 32P connectors.

Check for continuity at the Grey and Green/orange wire between the cam pulse generator 2P connector terminals and the ECM 32P connectors terminals.

Connection: B10 – Gray
A31 – Green/orange

Is there continuity?

YES – Short circuit in the Gray wire

NO – • Open circuit in the Green/orange wire
• Open circuit in the Gray wire

