

DTC 19-1 (IGNITION PULSE GENERATOR)

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

1. Ignition Pulse Generator Peak Voltage Inspection

Turn the ignition switch OFF.
Lift and support the fuel tank (page 6-61).
Disconnect the ignition pulse generator 2P (Red) connector.

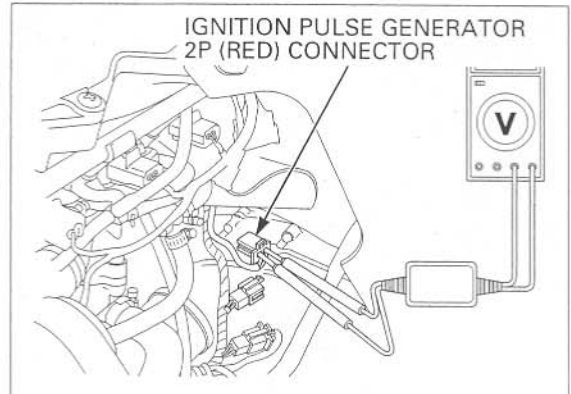
Turn the ignition switch ON and engine stop switch " Ω ".
Crank the engine with the starter motor, and measure the ignition pulse generator peak voltage at the ignition pulse generator 2P (Red) connector.

Connection: Yellow (+) – Yellow/white (-)

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

YES – GO TO STEP 2.

NO – Faulty ignition pulse generator



2. Ignition Pulse Generator Circuit Inspection

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

Check for continuity at the Yellow and Green/orange wire between the ignition pulse generator 2P (Red) connector terminals and the ECM connector terminals.

Connection: B9 – Yellow
A31 – Yellow/white

Is there continuity?

YES – Short circuit in the Yellow wire

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

