

ECM POWER/GROUND CIRCUIT INSPECTION

ENGINE DOES NOT START (MIL DOES NOT BLINK)

1. Connector inspection

- Before starting the inspection, check for battery voltage.

Turn the ignition switch "OFF".

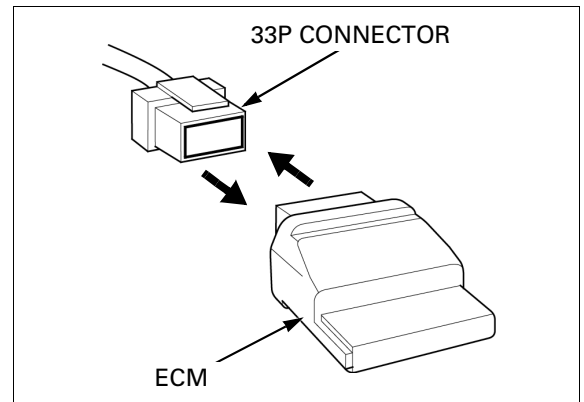
Disconnect the ECM 33P connector.
Check for loose or poor contact on the ECM 33P connector.

Connect the ECM 33P connector.
Turn the ignition switch "ON".
Crank the engine with the starter motor.

Does the engine start?

YES – Loose or poor contact on the ECM 33P connector.

NO – GO TO STEP 2.



2. ECM Ground Line Inspection

Turn the ignition switch "OFF".

Disconnect the ECM 33P connector.

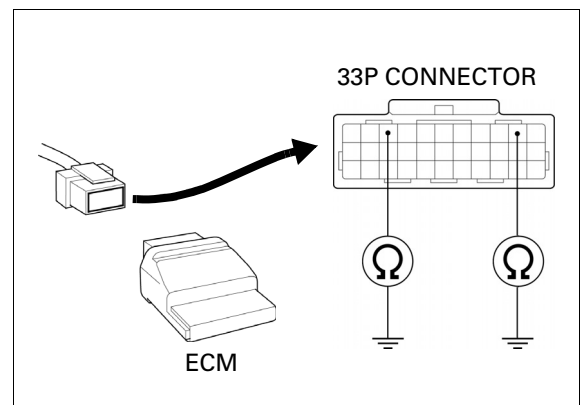
Check for continuity between the ECM 33P connector of the wire harness side and ground.

CONNECTION: Green – Ground
Green/Pink – Ground

Is there continuity?

- NO** – • Open circuit in Green wire.
• Open circuit in Green/Pink wire.

YES – GO TO STEP 3.



3. ECM Power Line Inspection

Turn the ignition switch "ON".

Measure the voltage between the ECM 33P connector of the wire harness side and ground.

CONNECTION: Black/White (+) – Ground (-)

Does the battery voltage exist?

YES – Replace the ECM with a new one, and recheck.

NO – GO TO STEP 4.

