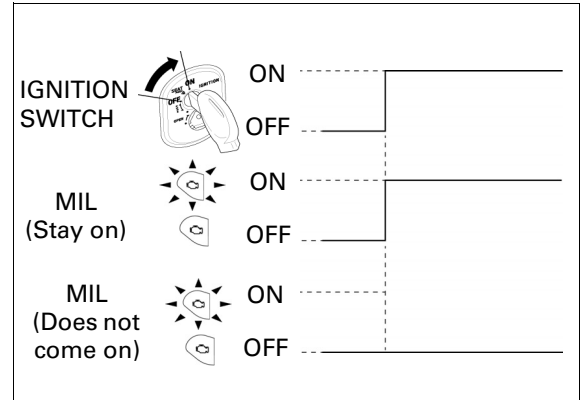


MIL CIRCUIT INSPECTION

If the engine can be started but,

- when the ignition switch "ON", the MIL stays on (does not go off within a few seconds)
- when the ignition switch is "ON", the MIL does not come on

If the symptom above comes out, check as follows:



1. Speedometer input voltage Inspection

Remove the front handlebar cover (page 3-6).

Turn the ignition switch "OFF".

Disconnect the speedometer Black/Brown wire connector.

Turn the ignition switch "ON".

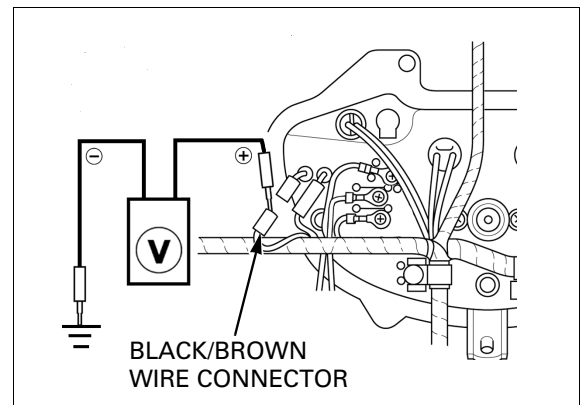
Measure the voltage between the speedometer wire connector of the wire harness side and ground.

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

Does the battery voltage exist?

- NO** –
- Open or short circuit in Black/Brown wire.
 - Faulty main relay (page 21-15).

YES – GO TO STEP 2.



2. Connector Short Inspection

Turn the ignition switch "OFF".

Remove the front center cover (page 3-4).

Connect the speedometer Black/Brown wire connector.

Disconnect the ECM 33P connector.

Connect the Black/Brown wire.

Ground the ECM 33P connector terminal of the wire harness side connector with a jumper wire.

CONNECTION: Blue/Yellow – Ground

Turn the ignition switch "ON", the MIL should come on.

Does the MIL come on?

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

- NO** – Check for open circuit in the Blue/Yellow wire between the speedometer and ECM.
If the wire is OK, replace the speedometer.

