

# FUEL SYSTEM (Programmed Fuel Injection)

## 4. IACV Input Voltage Inspection

Turn the ignition switch "ON".

Measure the voltage between the IACV 4P connector of the wire harness side and ground.

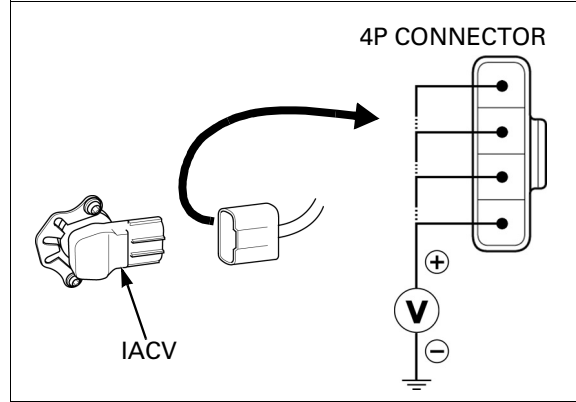
**CONNECTION:** Light green/Red (+) – Ground (-)  
 Gray/Red (+) – Ground (-)  
 Brown/Red (+) – Ground (-)  
 Black/Red (+) – Ground (-)

**STANDARD:** 1.8 – 2.2 V

*Is the voltage within 1.8 – 2.2 V?*

**YES** – • Loose or poor contact on the ECM connectors.  
 • Intermittent failure.

**NO** – GO TO STEP 5.



## 5. IACV Circuit Continuity Inspection

Turn the ignition switch "OFF".

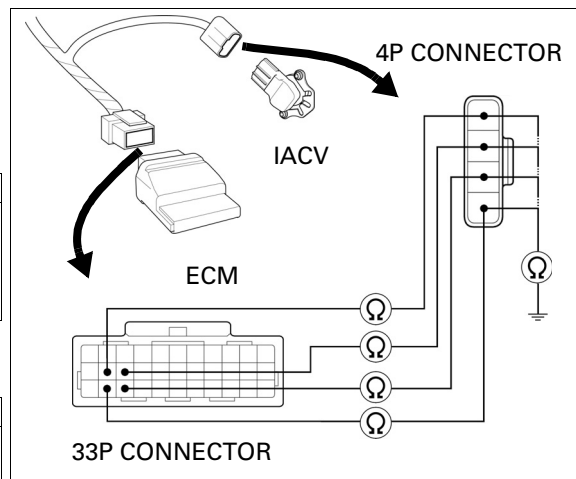
Disconnect the ECM 33P connector.

Check for continuities between the IACV 4P connector and the ECM 33P connector of the wire harness side.

CONNECTION	STANDARD
Light green/Red – Light green/Red	Continuity
Brown/Red – Brown/Red	
Black/Red – Black/Red	
Gray/Red – Gray/Red	

Check the continuities between the IACV 4P connector of the wire harness side and ground.

CONNECTION	STANDARD
Light green/Red – Ground	No continuity
Brown/Red – Ground	
Black/Red – Ground	
Gray/Red – Ground	



*Are the above inspections normal?*

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

**NO** – • Open or short circuit in Light green/Red wire.  
 • Open or short circuit in Gray/Red wire.  
 • Open or short circuit in Brown/Red wire.  
 • Open or short circuit in Black/Red wire.