


# GM Chevrolet Equinox Brake Pedal Position Sensor Learning

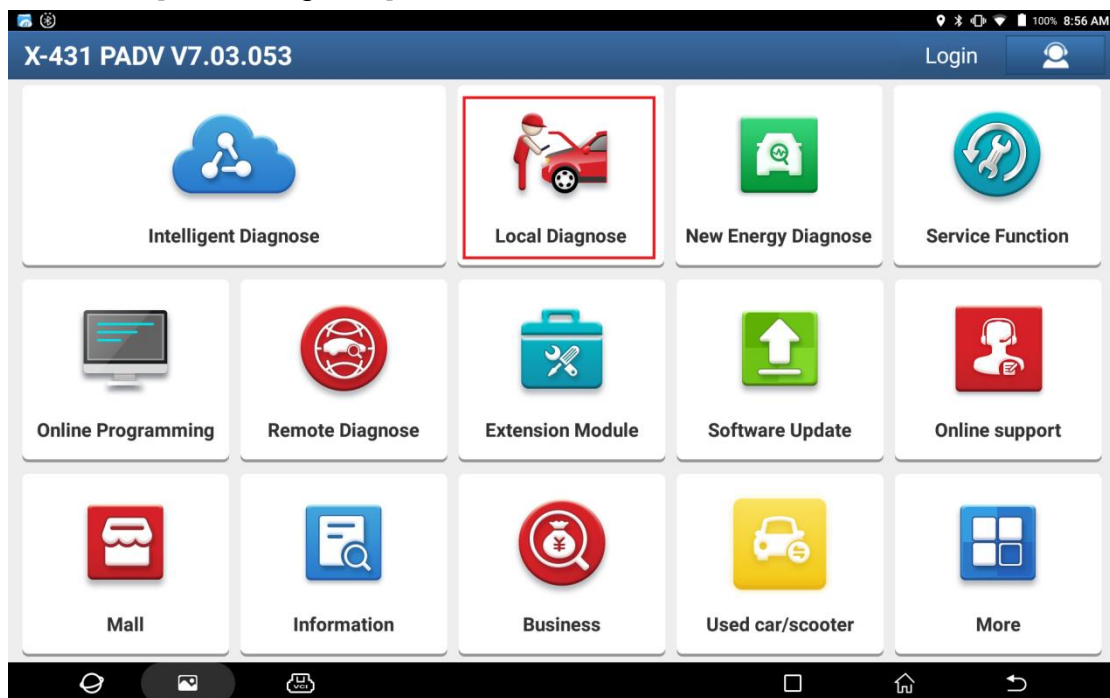
**Supported equipment:** Launch's full range of comprehensive diagnostic equipment 

**Current equipment:** PAD V

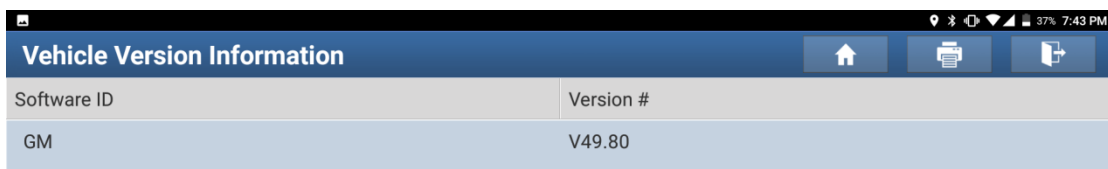
**Function description:** After sensor replacement, learning the brake pedal position sensor is required.

**Tested model:** 2020 Chevrolet Equinox VIN: 2GNAXPEX5L61 \*\*\*\*\*

1. It is necessary to stop the vehicle before performing this function. On a PAD V, choose [Local Diagnose].



2. Then, choose [GM] to test.



**GM Diagnose V49.80**

**INTRODUCTION**

This diagnostic software can test the ECUs of GM Models, including:

Engine Control Module, Transmission Control Module, Antilock Braking System, Supplemental Inflatable Restraint, Body Control Module, Instrument Panel Cluster, Heating and Air Conditioning, Tire Pressure Monitor, Electronic Suspension Control, Radio, Driver Door Module, Driver Position Module, Passenger Door Module, Remote Control Door Lock Receiver, Vehicle Comm. Interface Module, Immobilizer, Amplifier and so on.

**Basic Functions:**

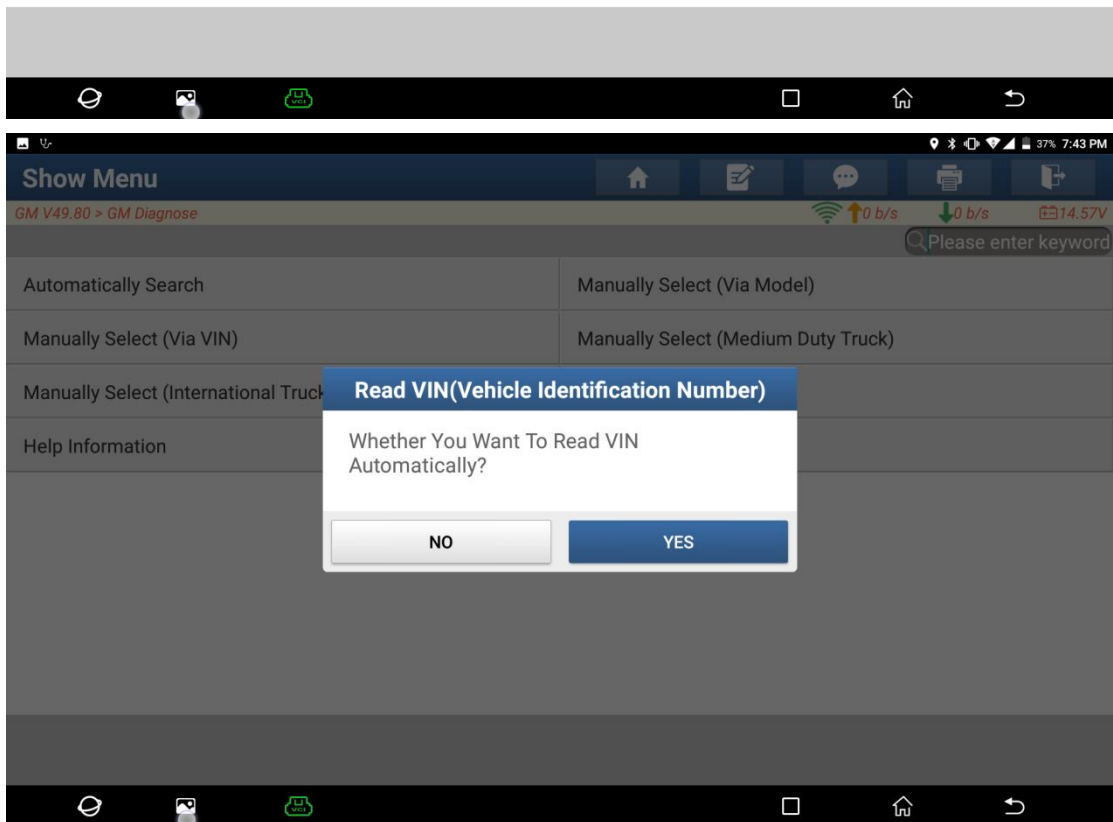
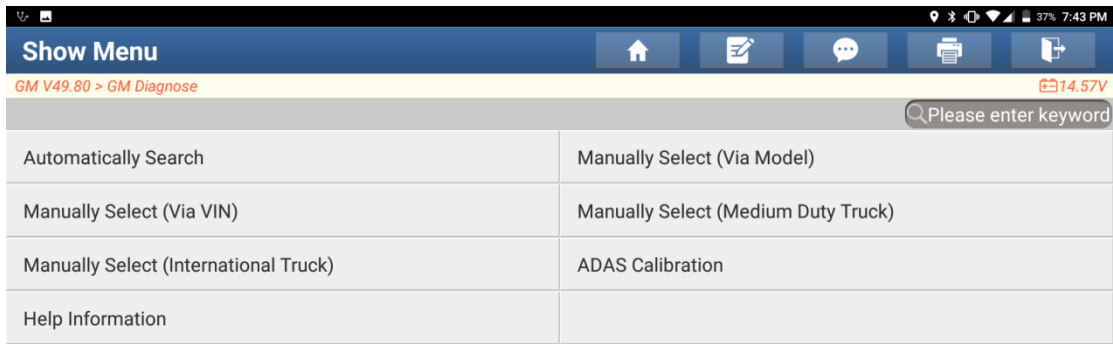
- Reading ECU information
- Reading DTCs
- Clearing DTCs
- Reading vehicle running data
- Vehicle component operation test

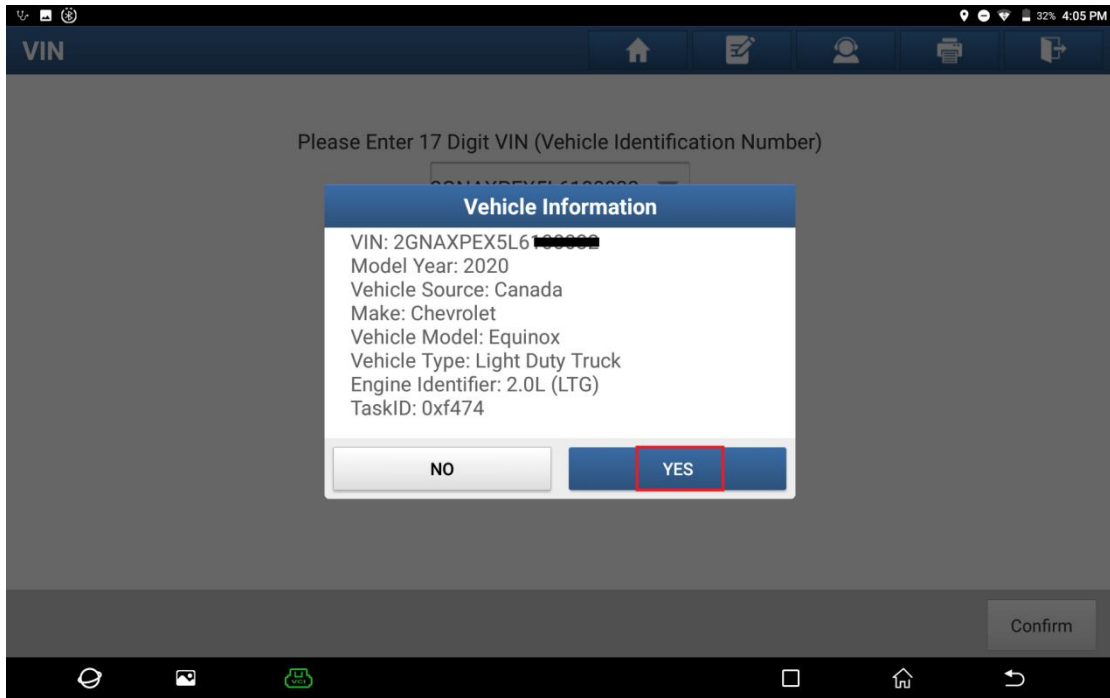
**Special Functions:**

- **Engine Control Module:**
  - Oil Life Reset
  - Accelerator Pedal Position (APP) Learn
  - Crankshaft Position Variation Learn

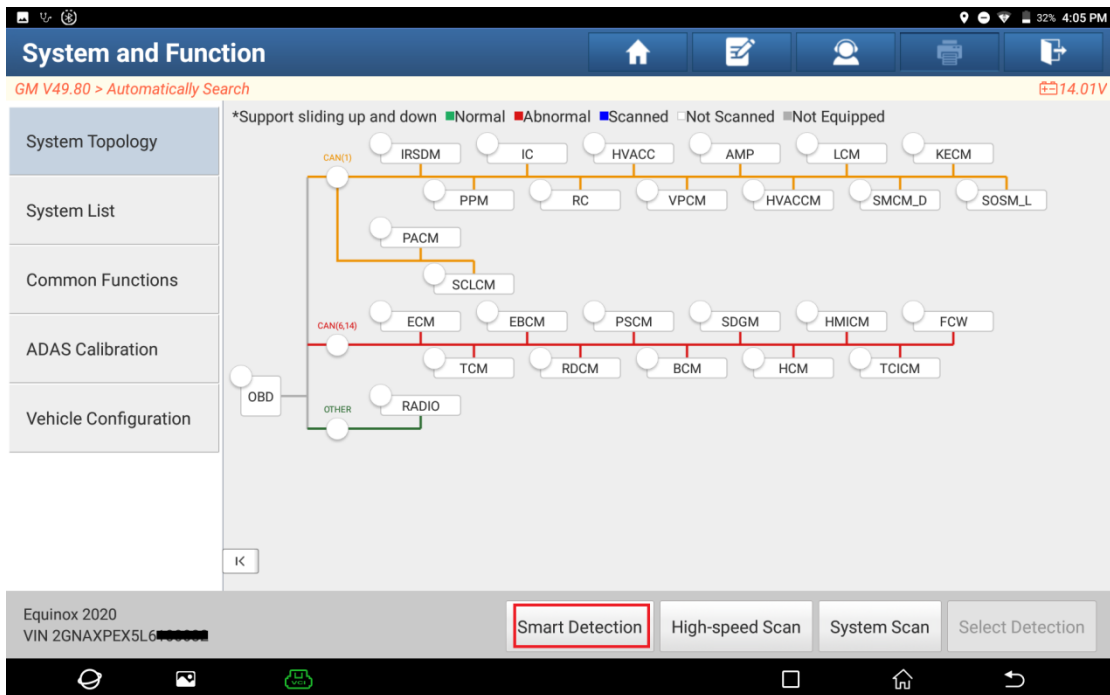


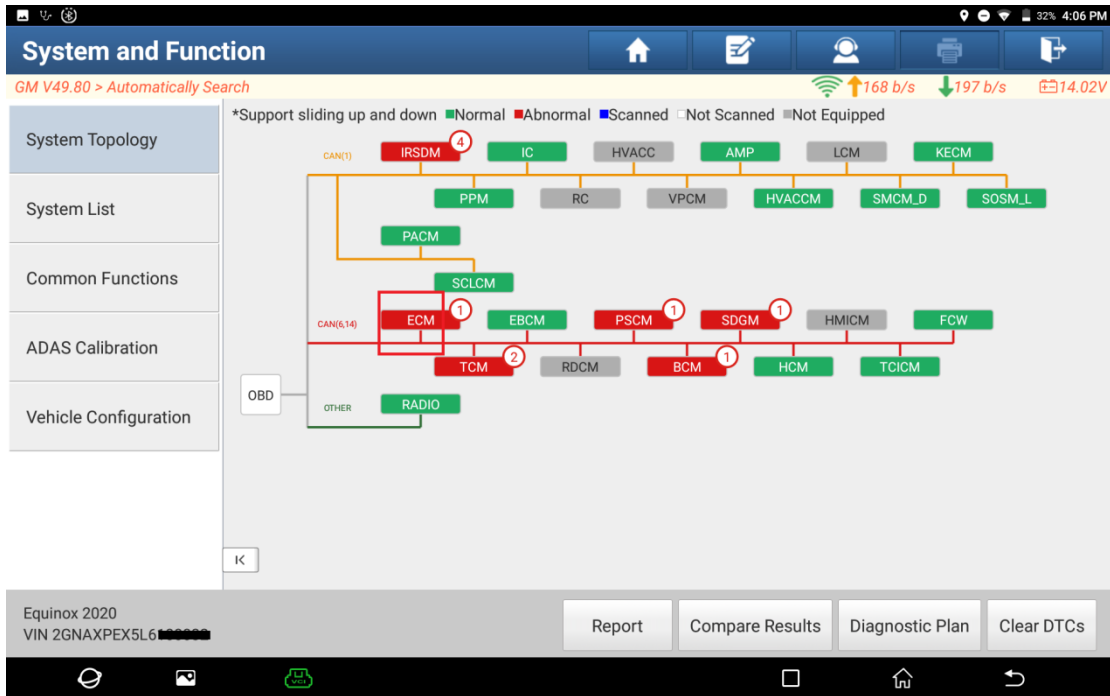
3. Choose [Automatically Search] to identify car models automatically.



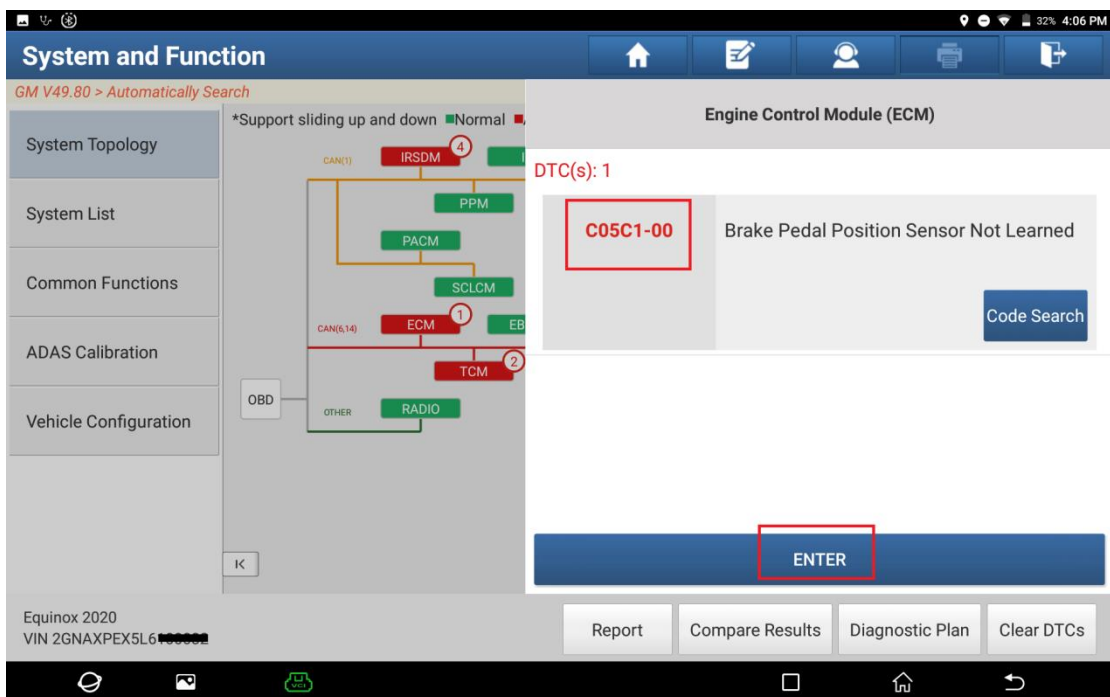


4. Click [Smart Detection] to scan the entire vehicle systems.

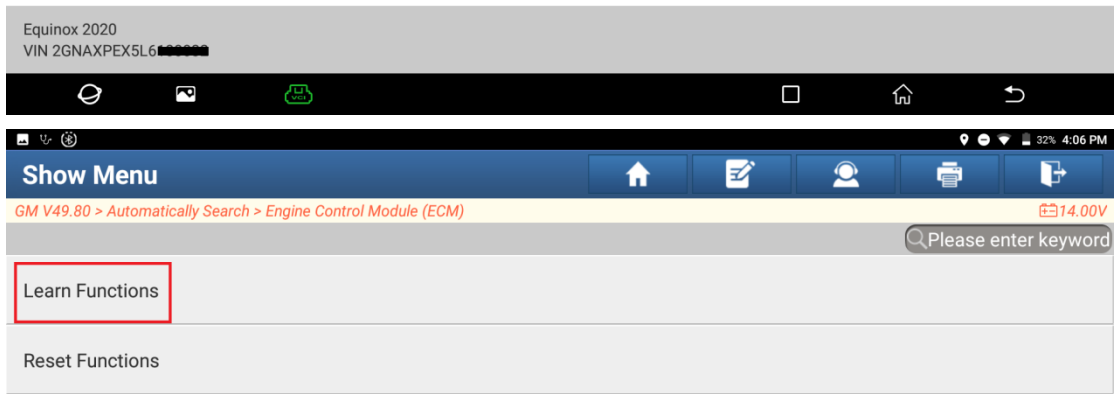
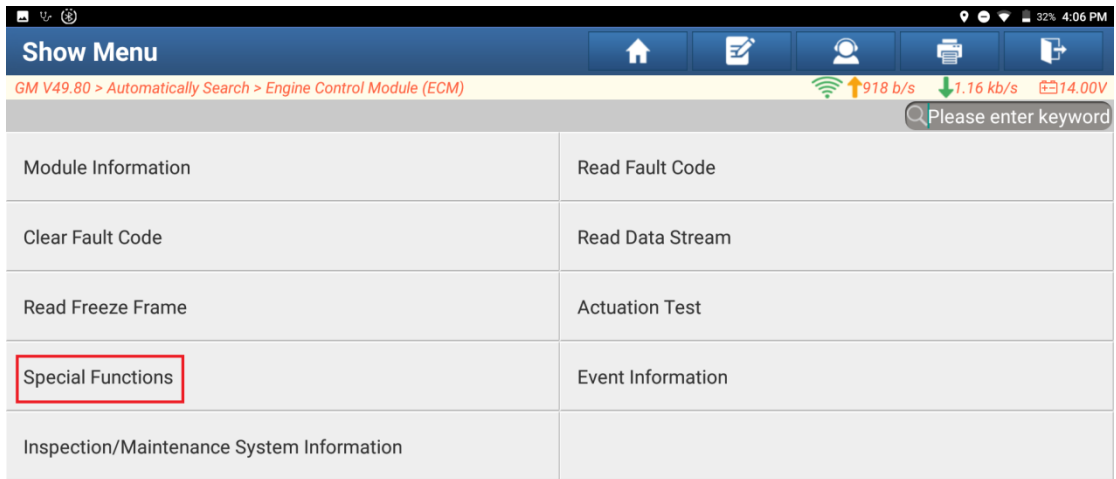




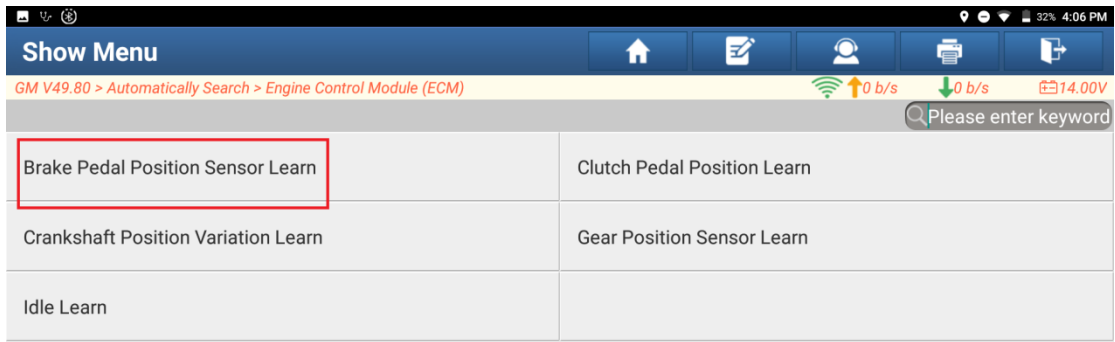
5. The DTC C05C1-00 exists in the ECM. Click [ECM (Engine Control Module)] to access the system.



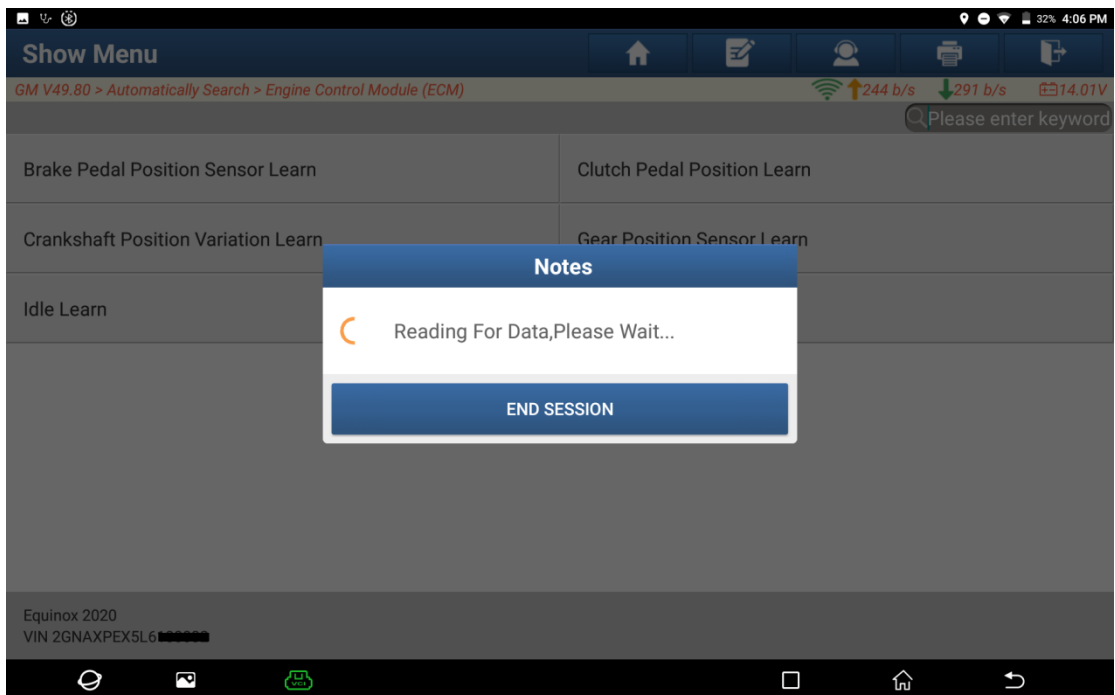
6. Click [Special Functions] and then click [Learn Functions].



7. Click [Brake Pedal Position Sensor Learn].



8. Click [Learn].



Brake Pedal Position Sensor Learn

GM V49.80 > Automatically Search > Engine Control Module (ECM) 13.99V

Parameter Name	Status	Unit
Commanded State	None	
[Bellow Is Watched Data]		
Brake Pedal Position Sensor Fully Released Learn Status	Incomplete	
Brake Pedal Position Sensor Learned Released Position	3.19	V
Brake Pedal Position Sensor	3.53	V
Brake Pedal Position Sensor	57	%
Brake Pedal Position Sensor Signal	Released	

Learn More DS

Equinox 2020  
VIN 2GNAXPEX5L6

9. The status value changes. Learning is completed.

Brake Pedal Position Sensor Learn

GM V49.80 > Automatically Search > Engine Control Module (ECM) 14.02V

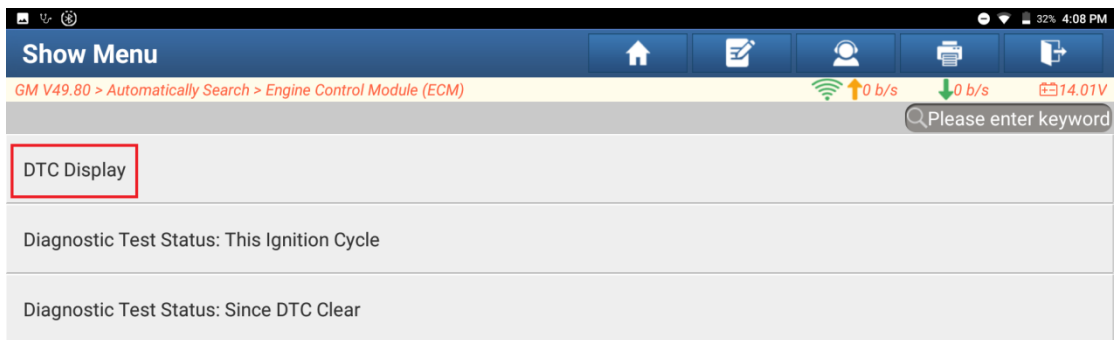
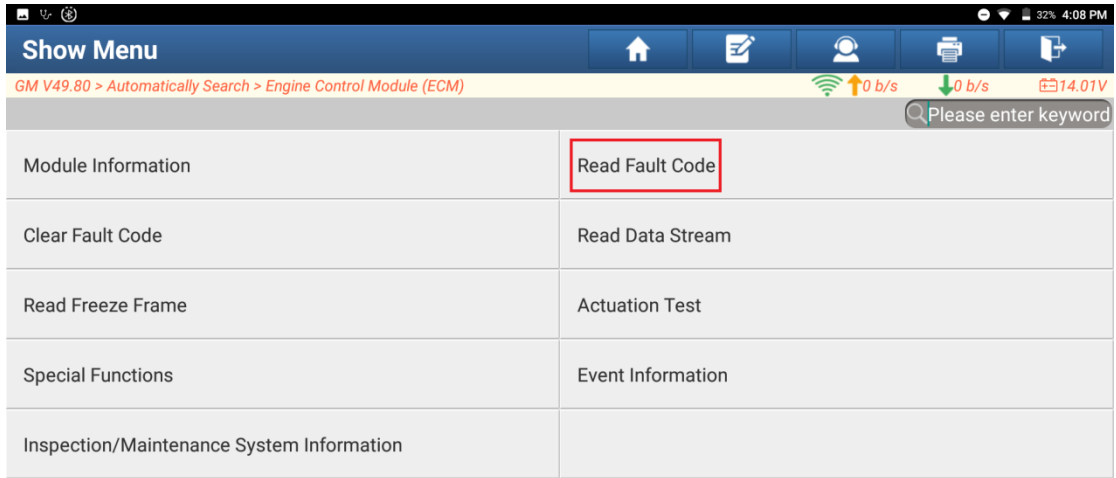
Parameter Name	Status	Unit
Commanded State	Learn	
[Bellow Is Watched Data]		
Brake Pedal Position Sensor Fully Released Learn Status	Complete	
Brake Pedal Position Sensor Learned Released Position	3.19	V
Brake Pedal Position Sensor	3.53	V
Brake Pedal Position Sensor	57	%
Brake Pedal Position Sensor Signal	Released	

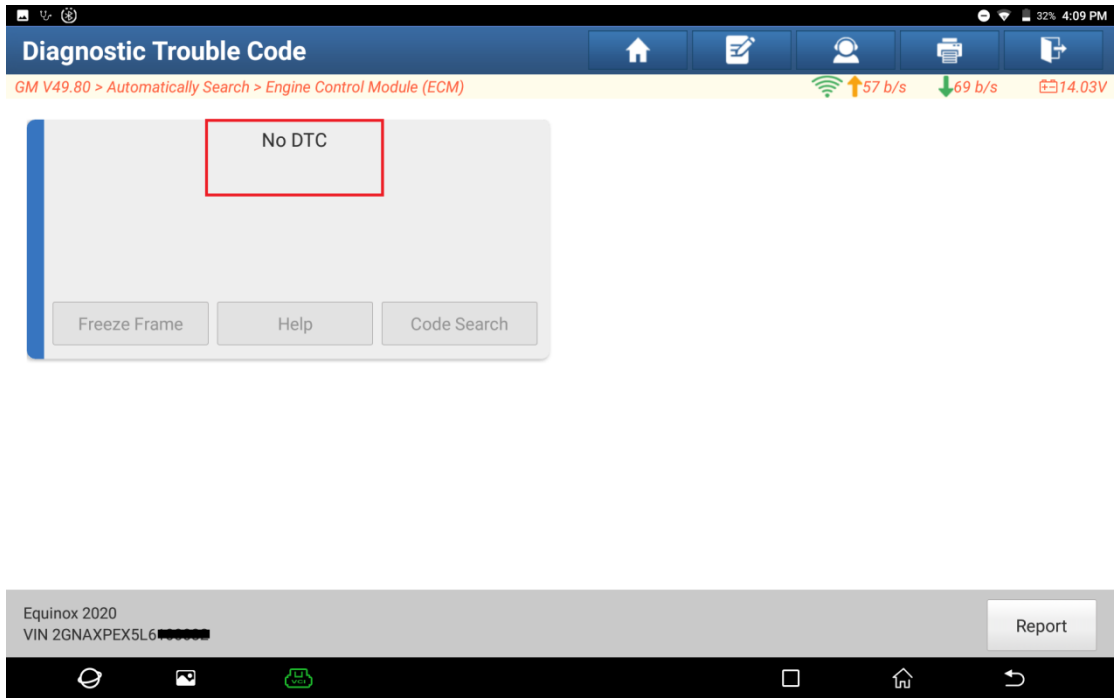
Learn More DS

Equinox 2020  
VIN 2GNAXPEX5L6



10. Return, and click [Read Fault Code] and [DTC Display] in turn to perform the DTC reading function. At this time, the DTC C05C1-00 has disappeared, indicating that learning the brake pedal position sensor succeeds.





## Statement:

The content of this document is copyrighted by Shenzhen Launch Tech Co., Ltd., and no individual or organization may quote or reprint it without consent.