# GM Chevrolet Suburban 2021 Range Actuator Learn

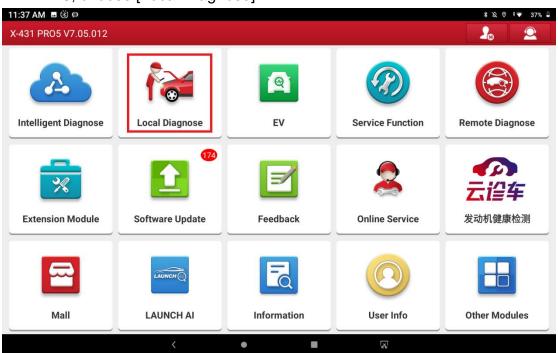
**Supported equipment:** Launch's full range of comprehensive diagnostic equipment

Current equipment: PAD 5

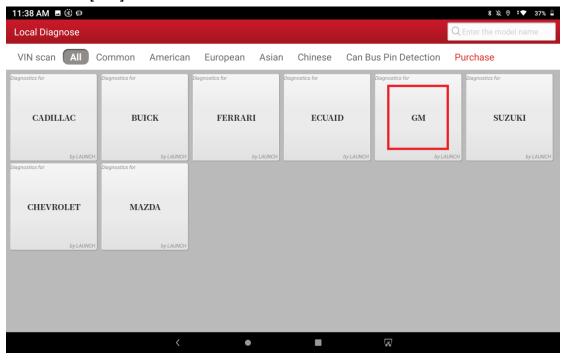
**Function description:** It is necessary to perform this function after replacing or repairing the gearbox hardware.

**Tested model:** 2021 GM Chevrolet Suburban, VIN: 1GNSKDKD9MR\*\*\*\*\*\*

1. It is necessary to stop the vehicle before performing this function. On a PAD 5, choose [Local Diagnose].



## 2. Choose [GM] to test.





## 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.

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

### Special Functions:

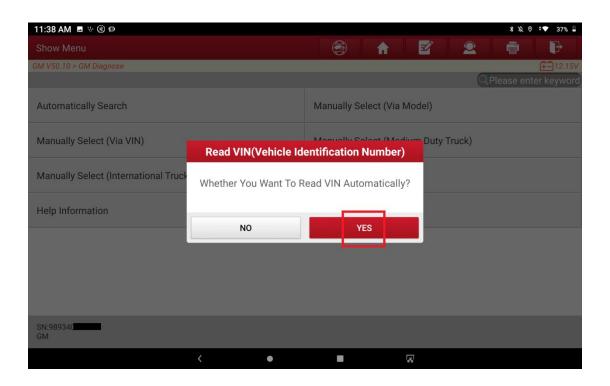
• Engine Control Module:

Oil Life Reset Accelerator Pedal Position (APP) Learn Vehicle Coverage Search Bluetooth \*

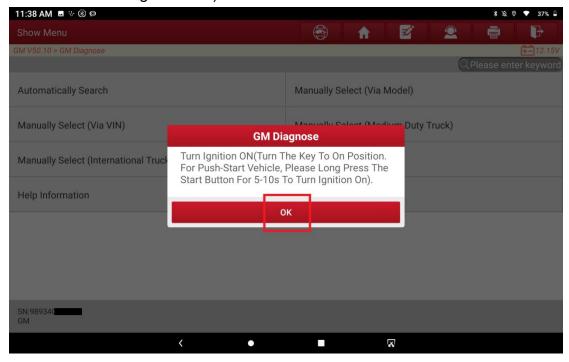
3. Choose [Automatically Search] to identify car models automatically.

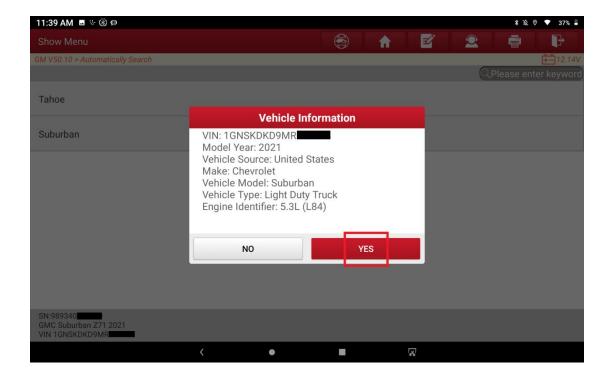




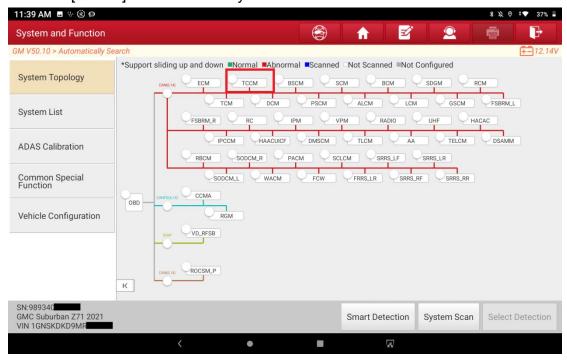


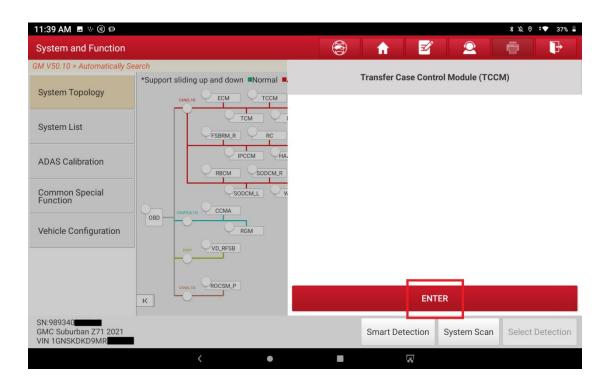
4. Operate according to the prompt "Turn Ignition ON (Turn The Key To On Position. For Push-Start Vehicle, Please Long Press The Start Button For 5-10s To Turn Ignition On)".



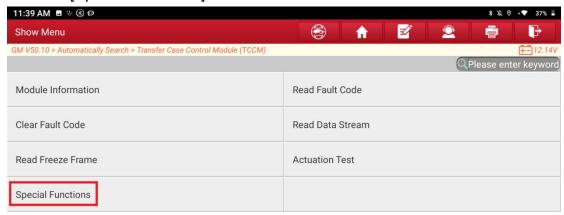


5. Click [TCCM] to access the system.



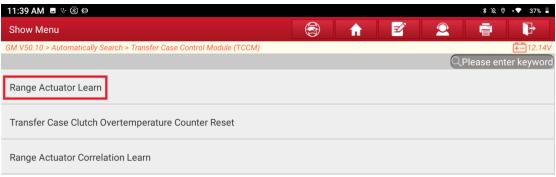


# 6. Click [Special Functions].



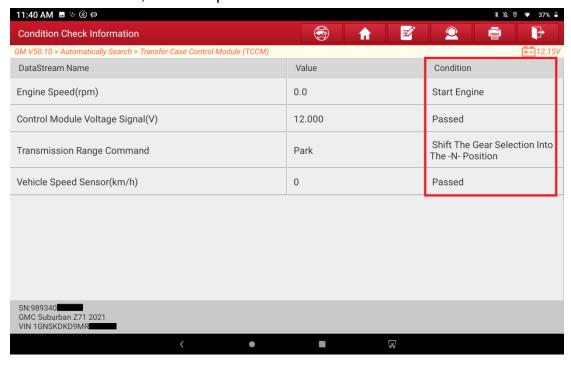


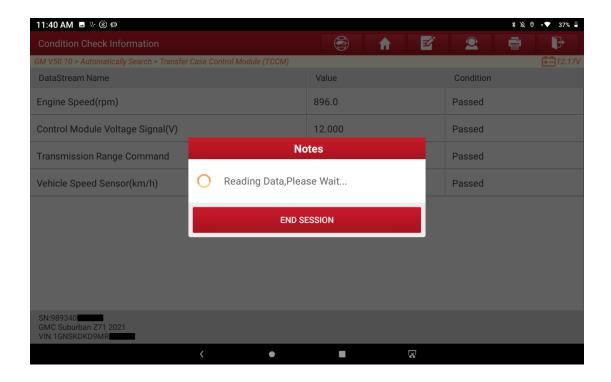
# 7. Click [Range Actuator Learn].





8. Ensure that the following conditions are met: "Start Engine, Control Module Voltage Signal Is Greater Than 11V, Shift The Gear Selection Into The-N-Position, Vehicle Speed Is 0".





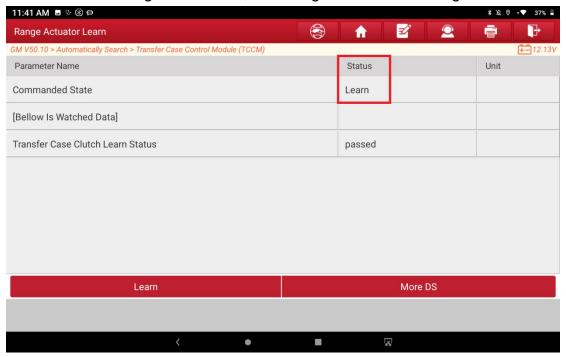
More DS

11:41 AM 🖪 🖖 🛞 ወ \\ \equiv \( \) Range Actuator Learn Ħ **Q** B GM V50.10 > Automatically Search > Transfer Case Control Module (TCCM) +- 12.16V Parameter Name Status Unit Commanded State None [Bellow Is Watched Data] Transfer Case Clutch Learn Status Not Learned

9. Before the function learning, the status is "None". Click "Learn".

10. The status changes to "Learn", indicating successful learning.

Learn



# **Statement:**

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