

# Ford Fiesta Transmission Control Module Clutch System Learn

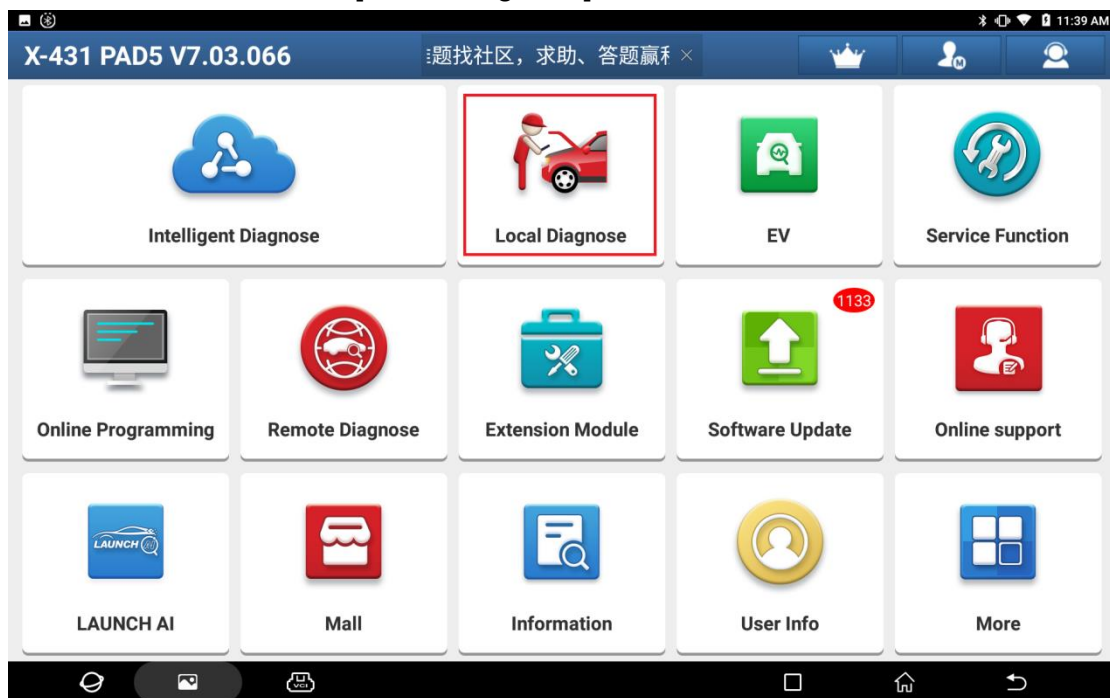
**Supported equipment:** Launch's full range of comprehensive diagnostic equipment

**Current equipment:** PAD 5

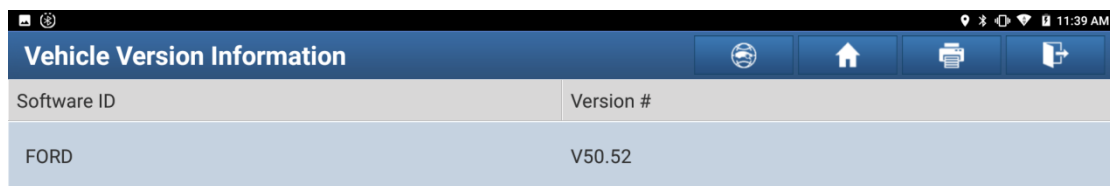
**Function description:** This function allows the transmission control module to learn new parameters after component replacement.

**Tested model:** Ford/2022/Fiesta, VIN: WF0JXXGAHJNP \*\*\*\*\*

1. On a PAD 5, choose [Local Diagnose].



2. Choose [FORD] to test.



## Ford Diagnosis V50.52

### Software Introduction

#### ECU Coverage:

This Diagnostic Software Can Test For USA Ford ECUs, Including: Engine, Automatic Transmission, Anti-Lock Brake, Airbag, Air Conditioning, Dashboard, Anti-Theft, Cruise, Common Electronics, Seats, Light, etc.

#### Basic Functions:

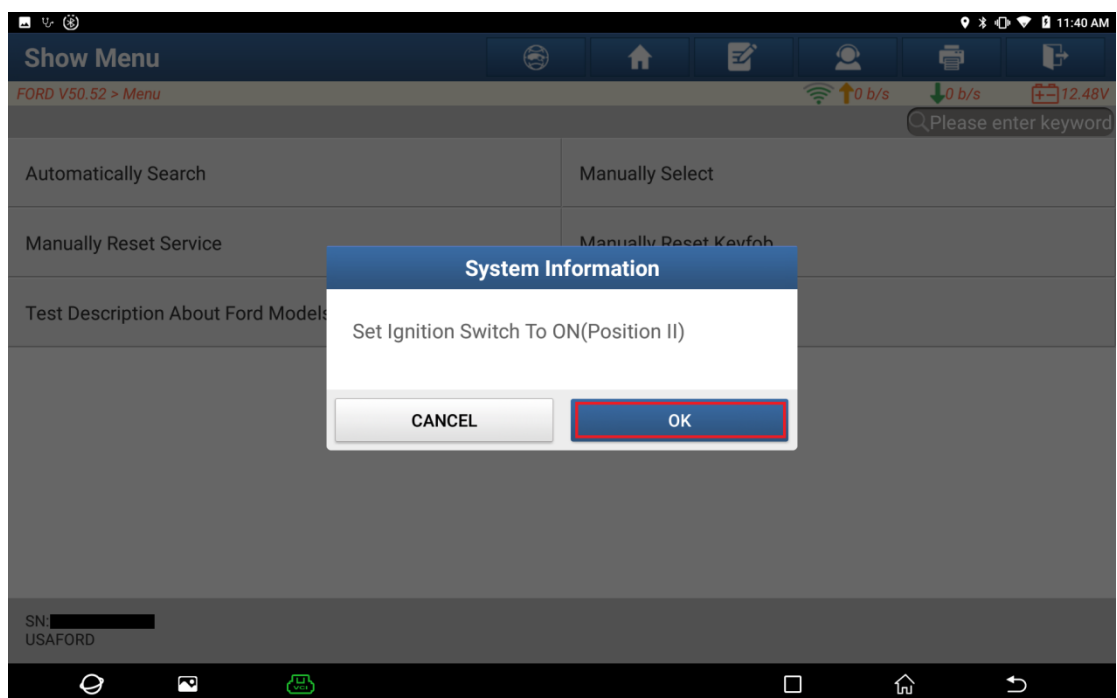
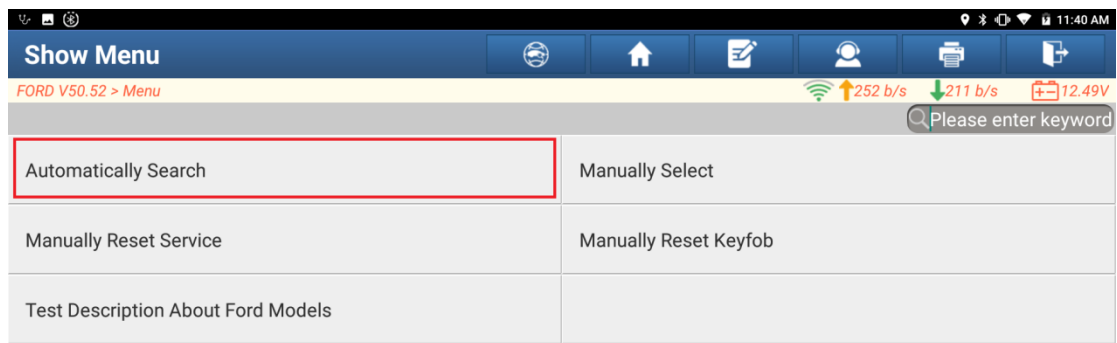
- Reading ECUs
- Reading DTCs(Diagnostic trouble code)
- Clearing DTCs(Diagnostic trouble code)
- Reading Vehicle Running Data
- Vehicle Component Operation Test

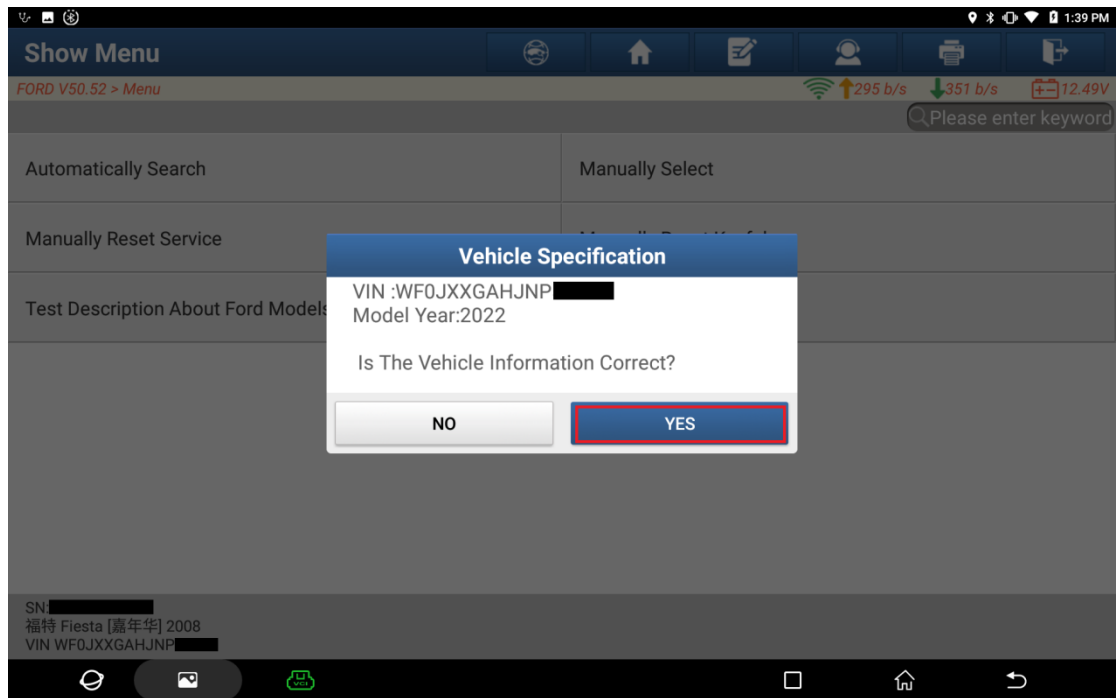
#### Special Functions:

- Programmable Module Installation
- ESP(Electronic Stability Program) Sensor Calibration
- PCM (Powertrain Control Module) Or ICM (Instrument Control Module):  
\*Passive Anti-Theft Function (Program Additional Ignition Key, Ignition Key Code Erase And Program, Customer Spare Key Programming Enable/Disable, Parameter Reset, Unlimited Key Made ON/OFF Program, Unlimited Key Code)

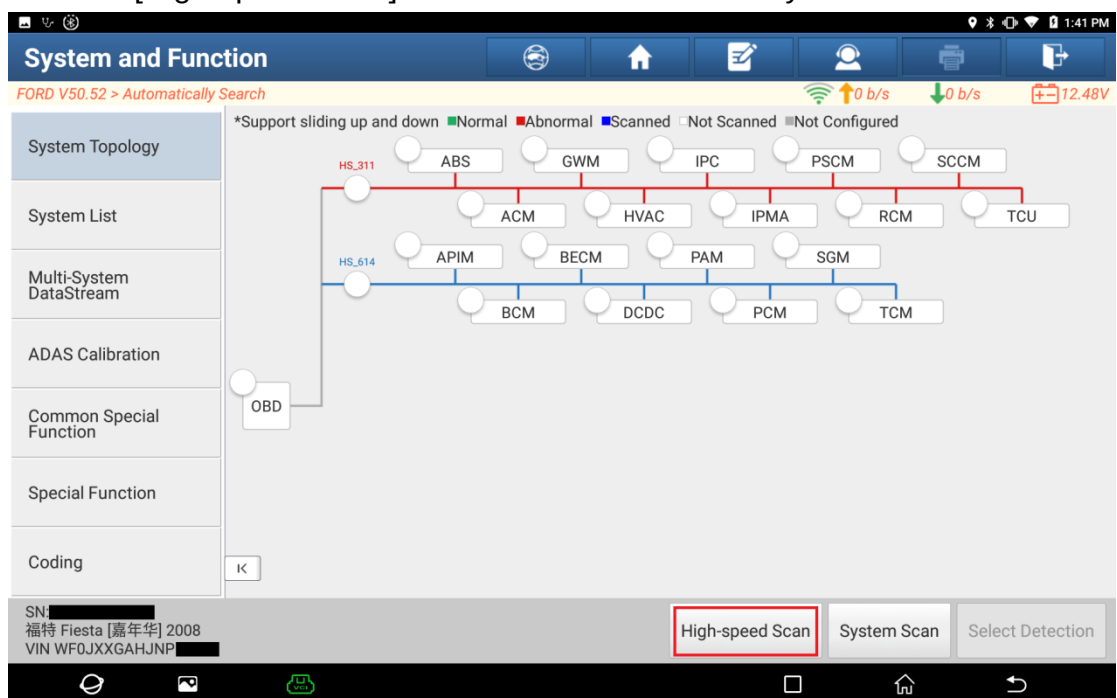


3. Choose [Automatically Search] to identify car models automatically.

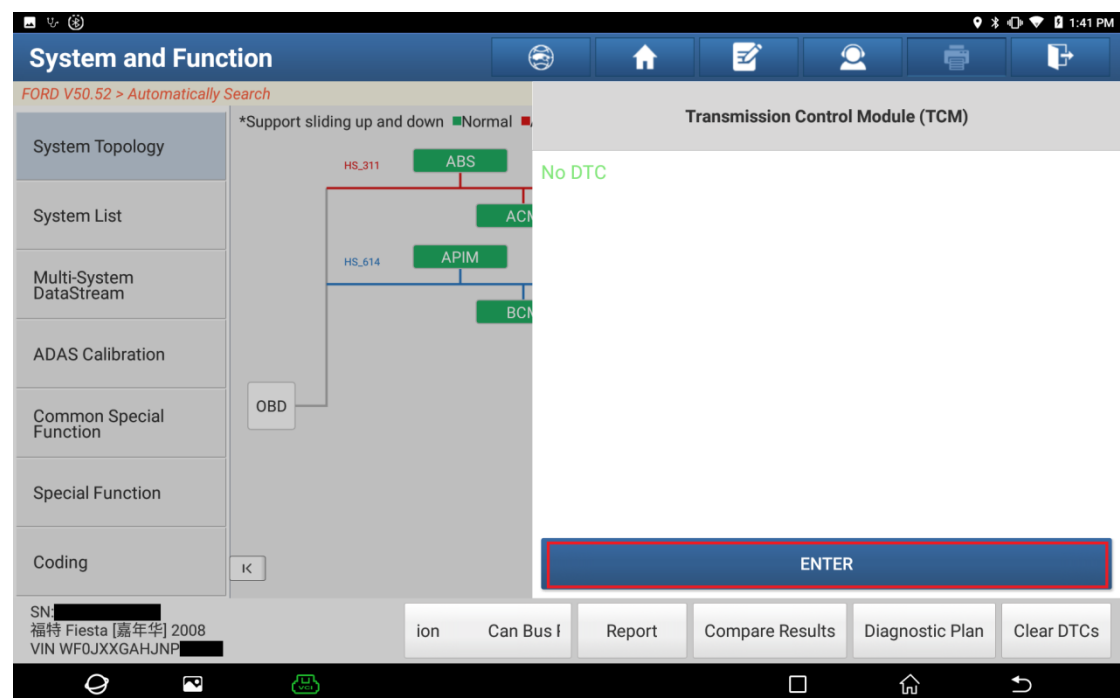
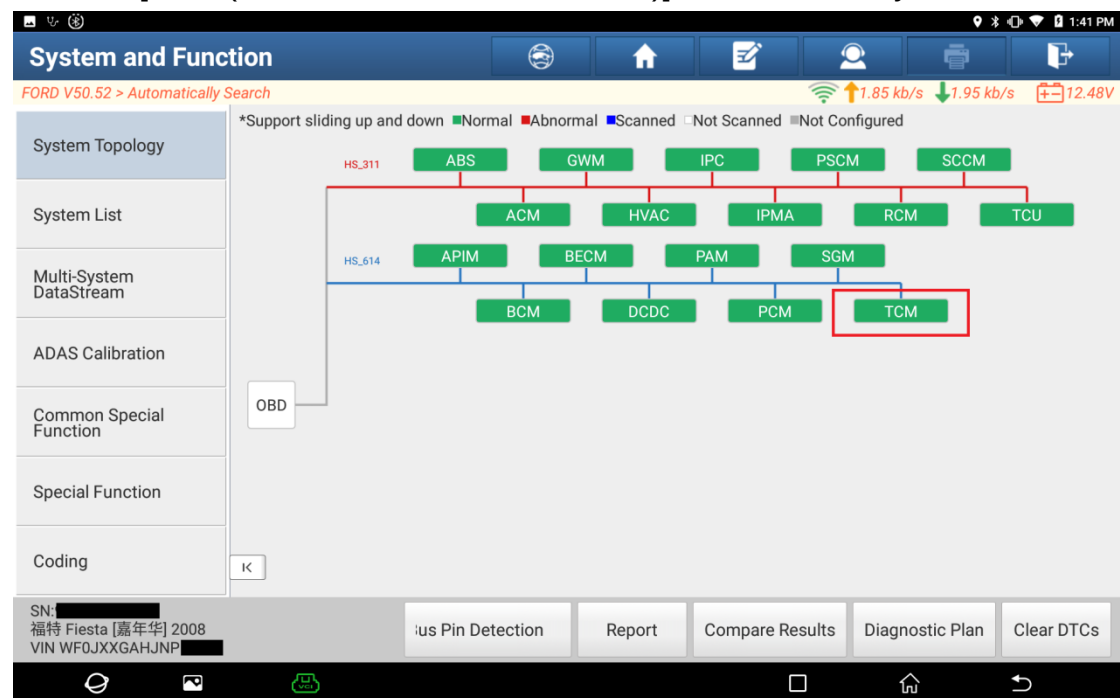




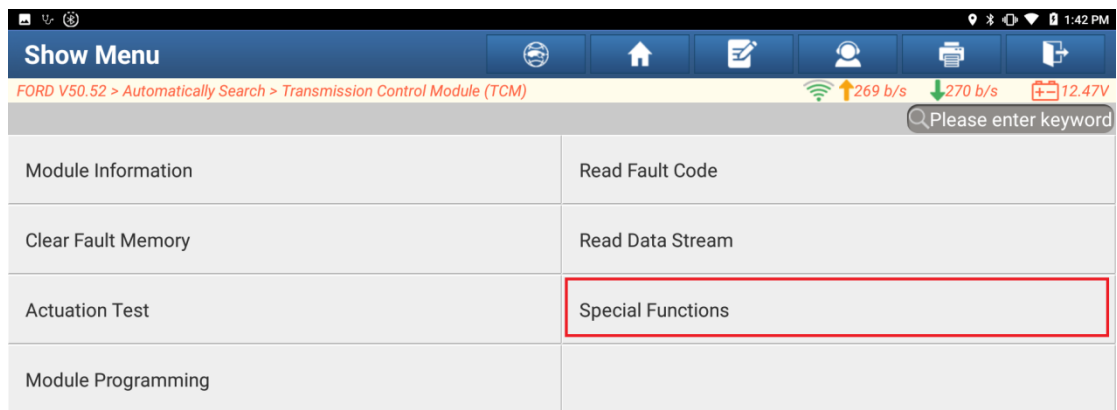
4. Click [High-speed Scan] to scan the entire vehicle systems.



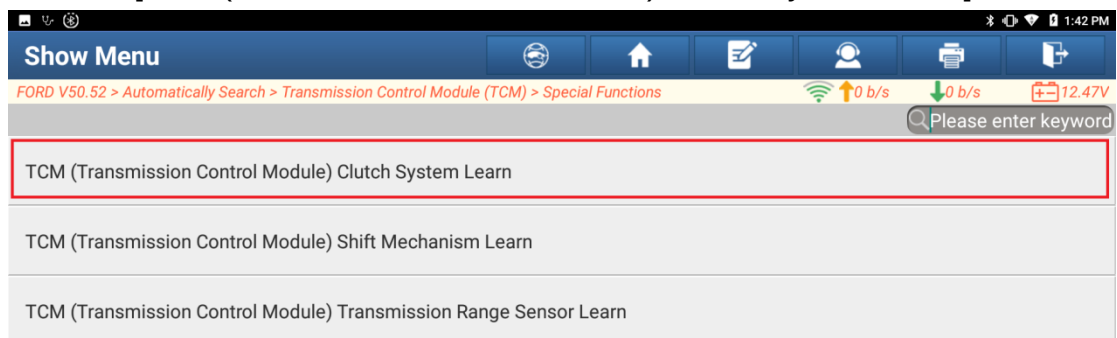
5. Click [TCM (Transmission Control Module)] to access the system.



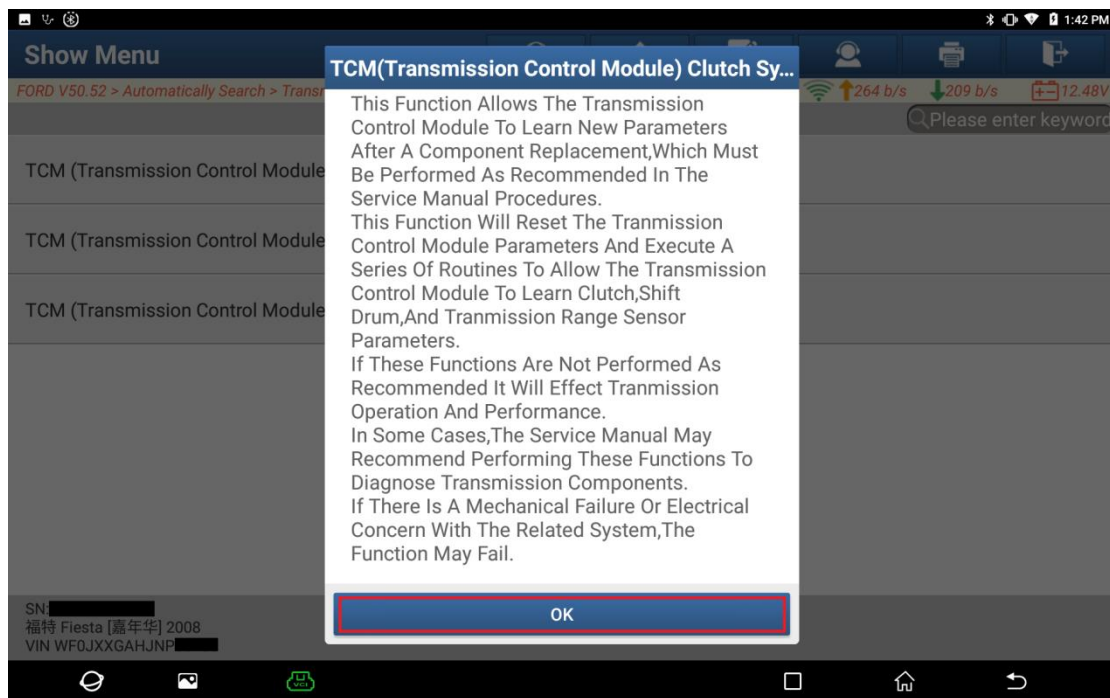
## 6. Click [Special Functions].



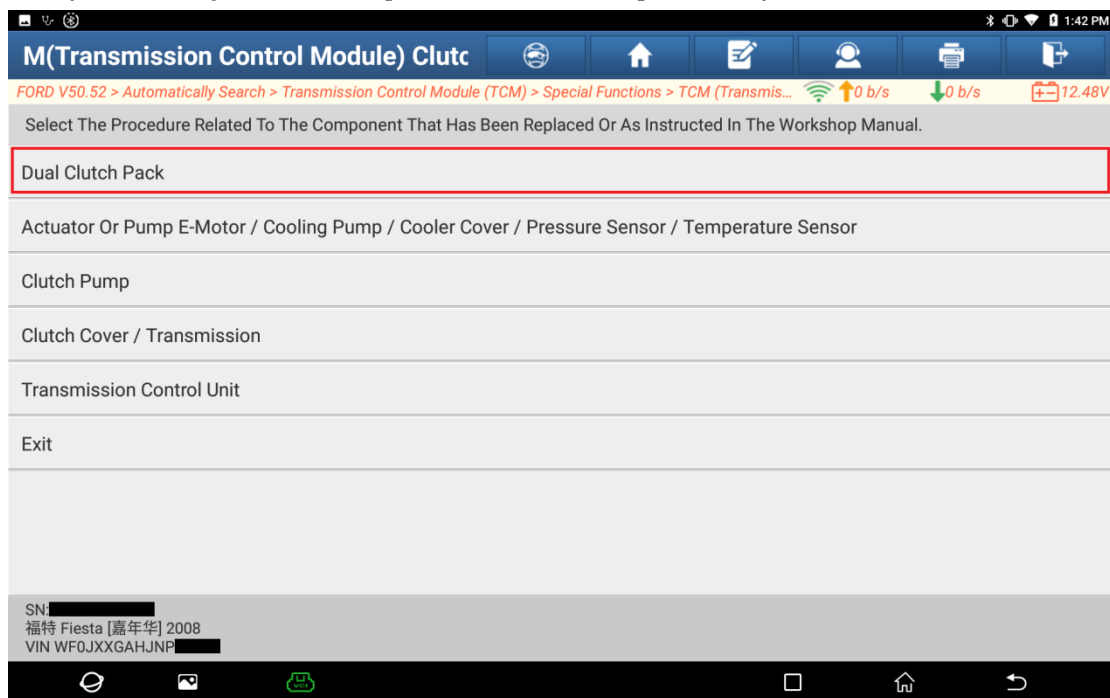
## 7. Click [TCM (Transmission Control Module) Clutch System Learn].



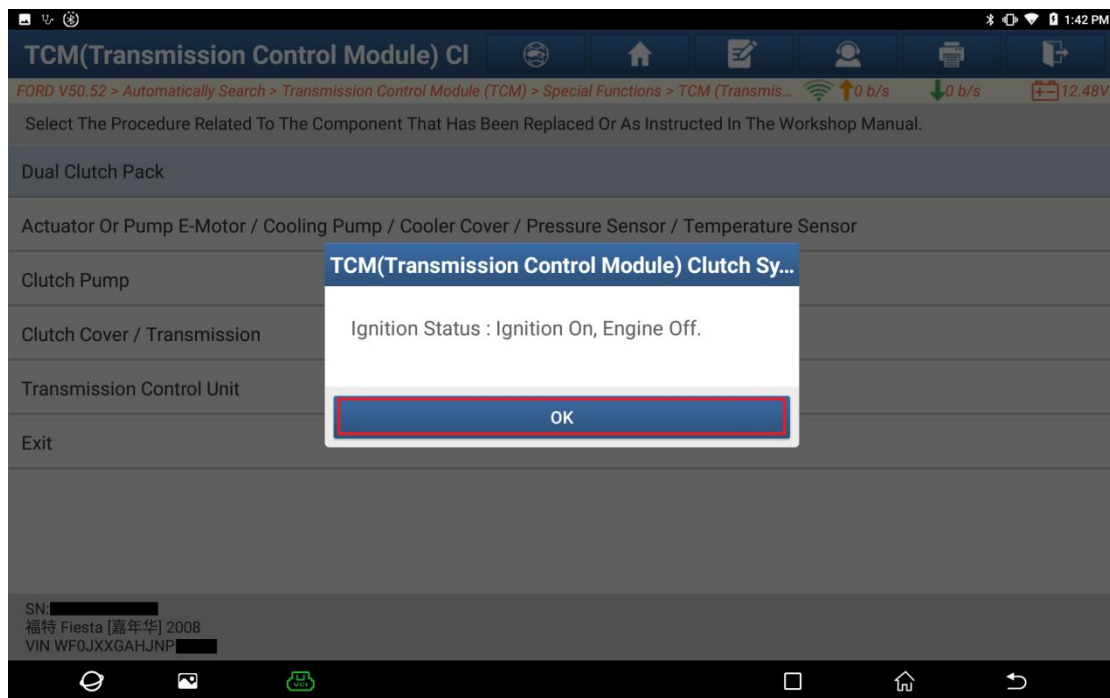
## 8. Program function introduction.



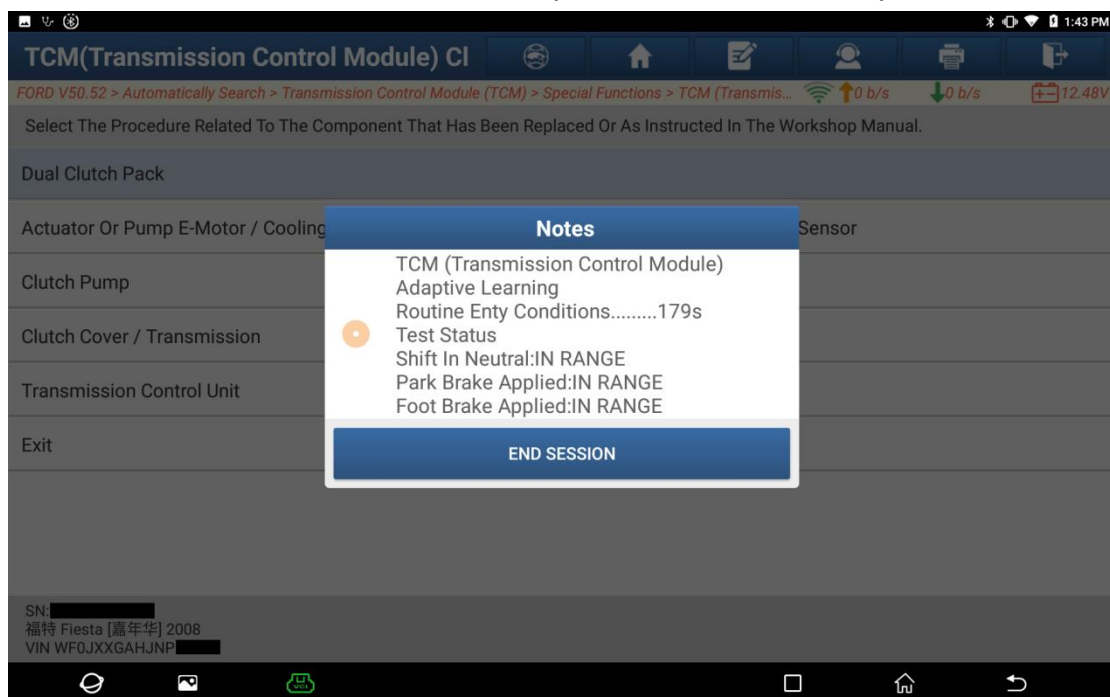
## 9. Enter the main menu and choose the program related to the replaced component. If you choose [Dual Clutch Pack], the steps are as follows.



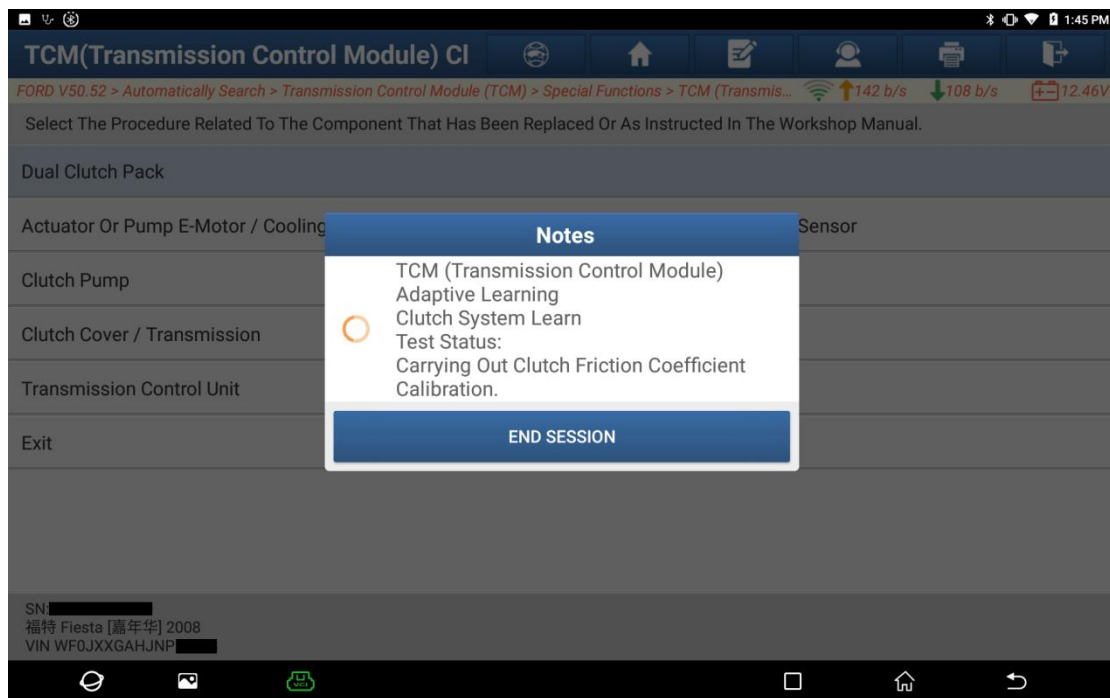
## 10. Ignition status: Ignition on, engine off



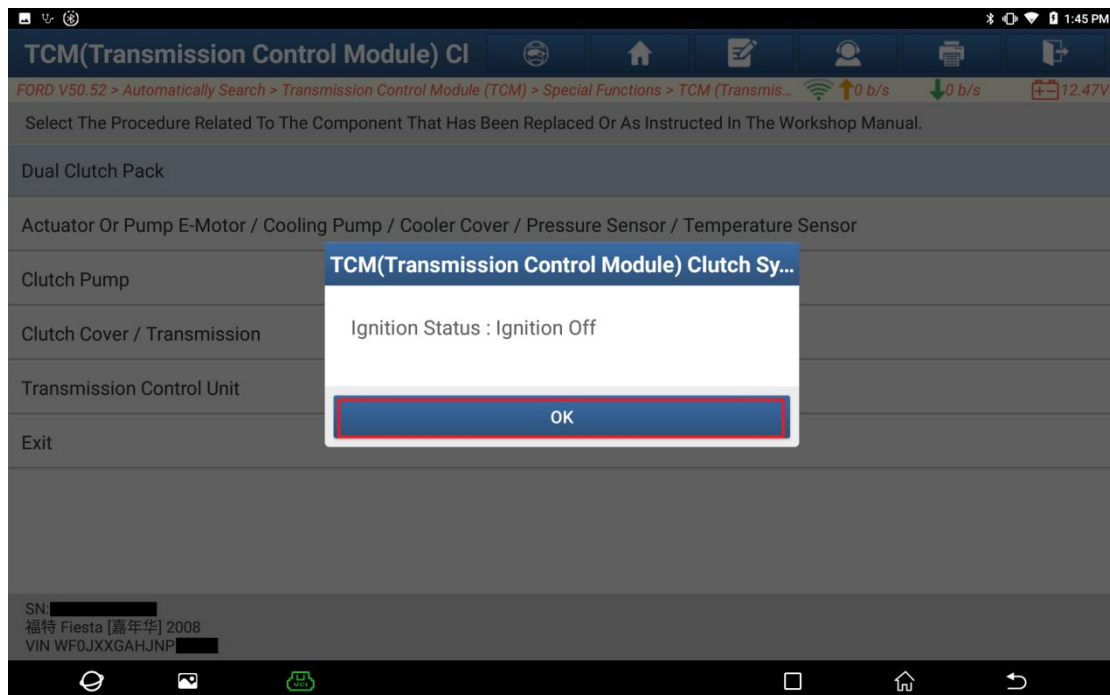
## 11. Adaptive learning of the transmission control module requires shifting to neutral, depressing the parking brake, and depressing the foot brake; only when all these conditions are met can proceed to the next step.



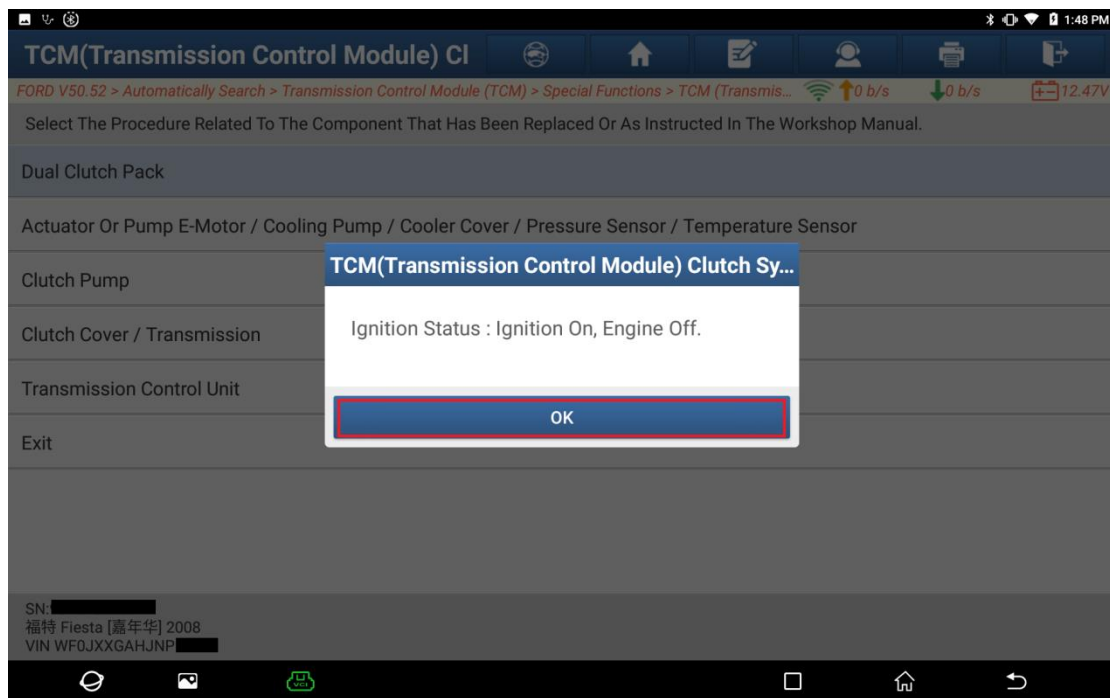
## 12. Clutch system learning: Perform clutch friction coefficient calibration.



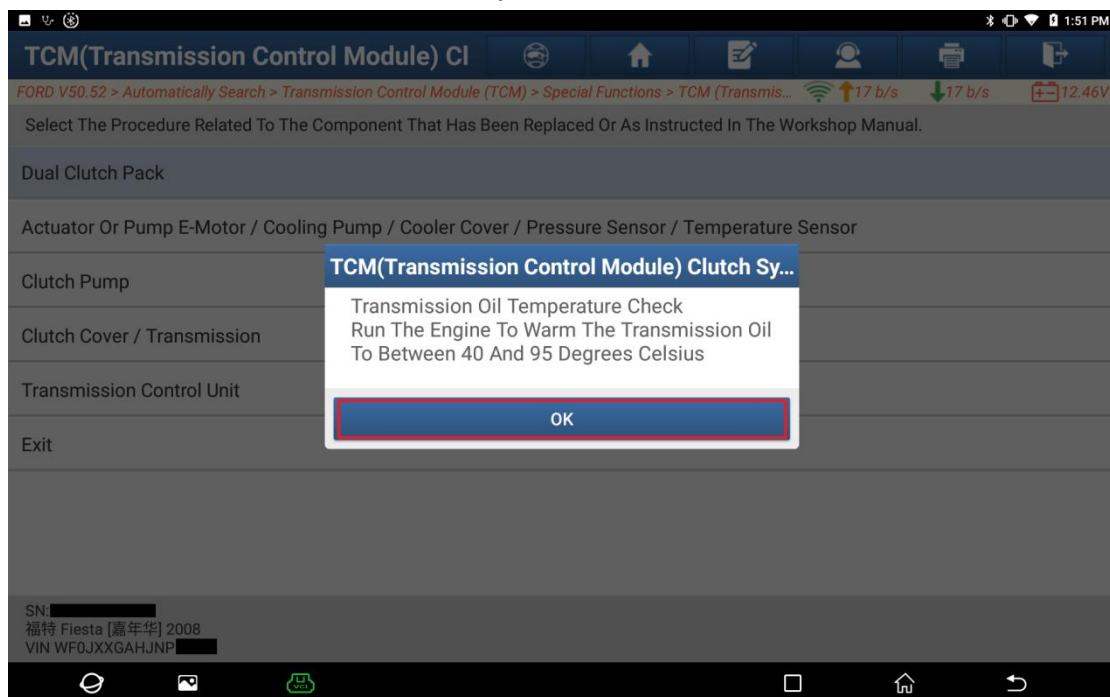
## 13. Ignition status: Ignition off



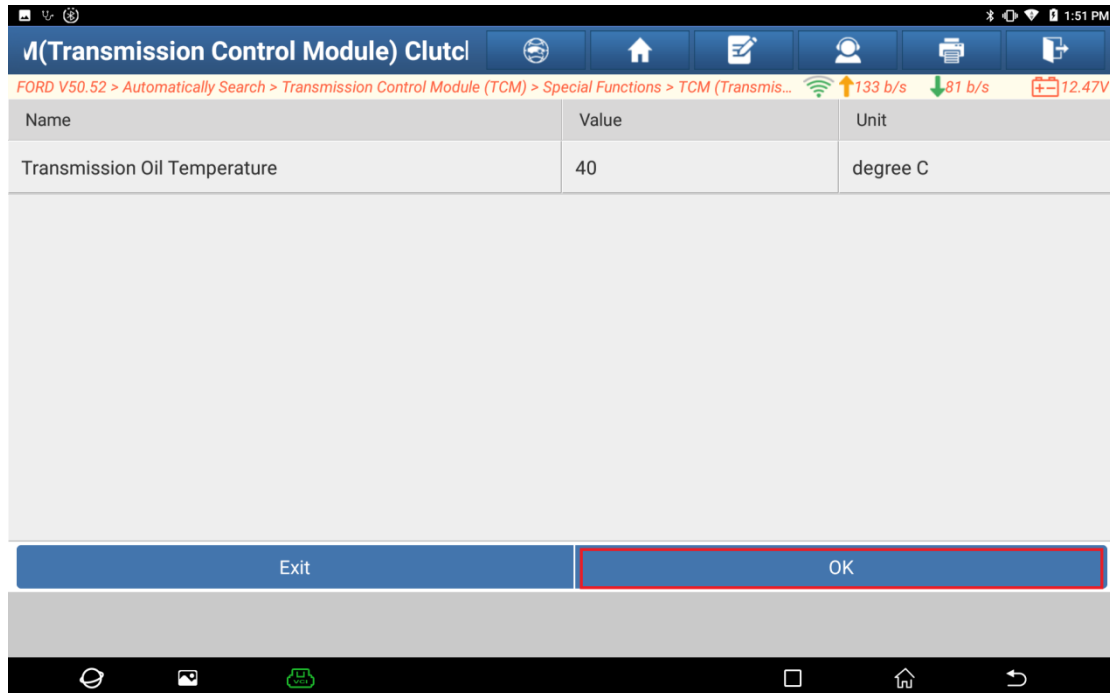
## 14. Ignition status: Ignition on, engine off



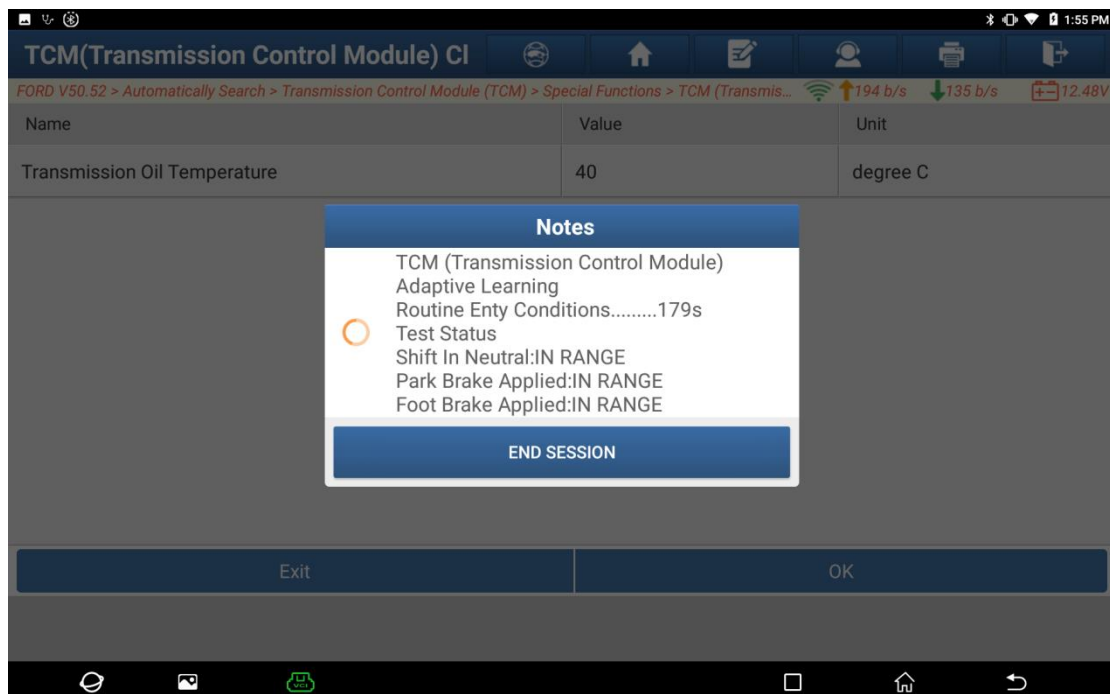
## 15. Check the transmission oil temperature.



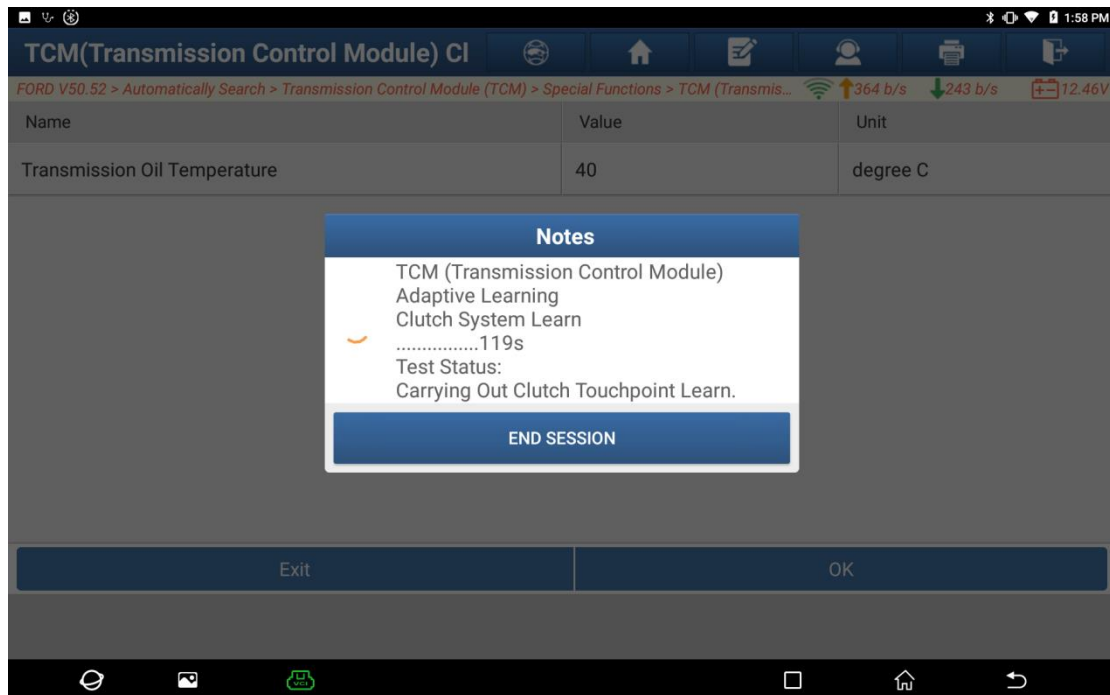
16. Control the transmission oil temperature between 40 and 95 degrees Celsius.



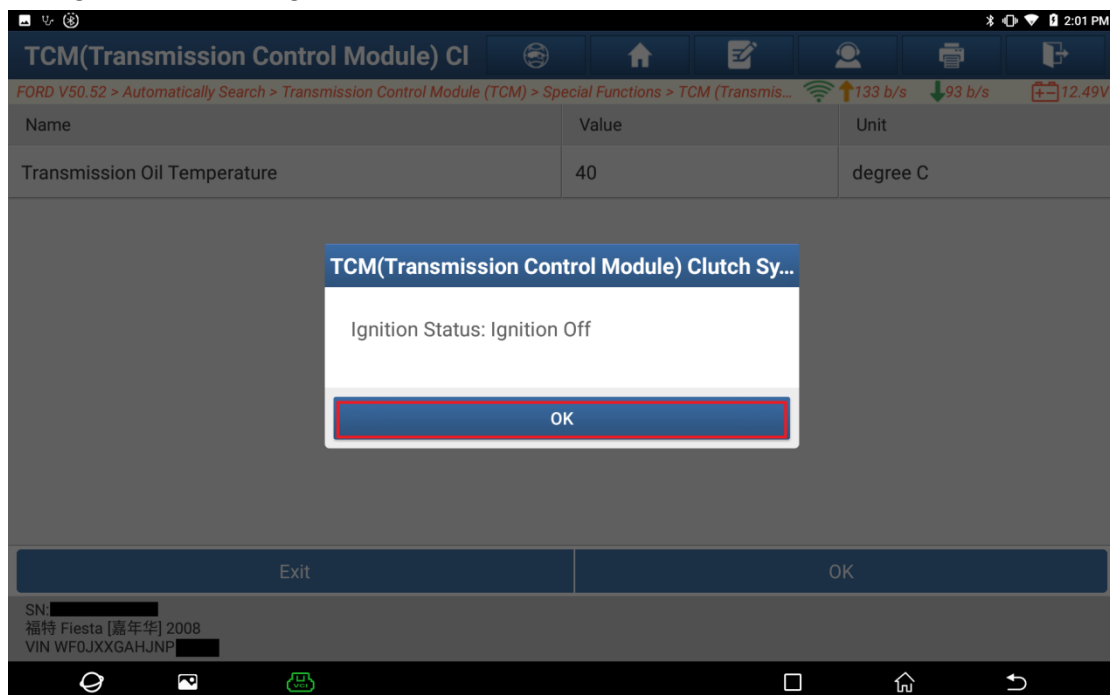
17. Adaptive learning of the transmission control module requires shifting to neutral, depressing the parking brake, and depressing the foot brake; only when all these conditions are met can proceed to the next step.



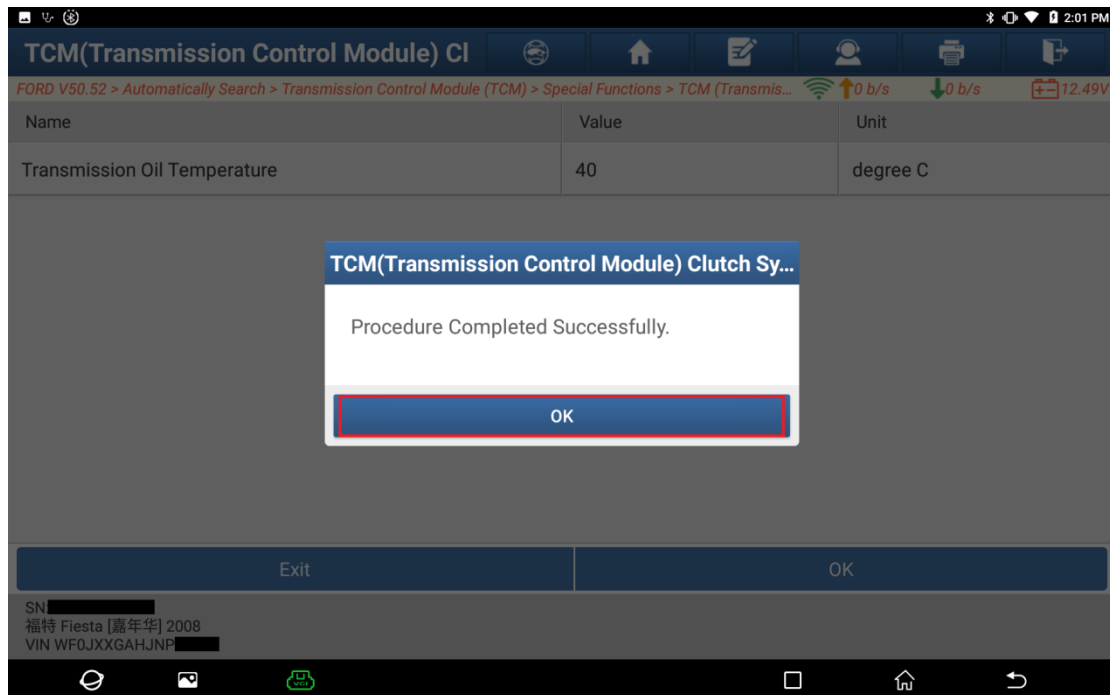
18. Clutch system learning: Perform clutch contact point learning and wait for 2 minutes.



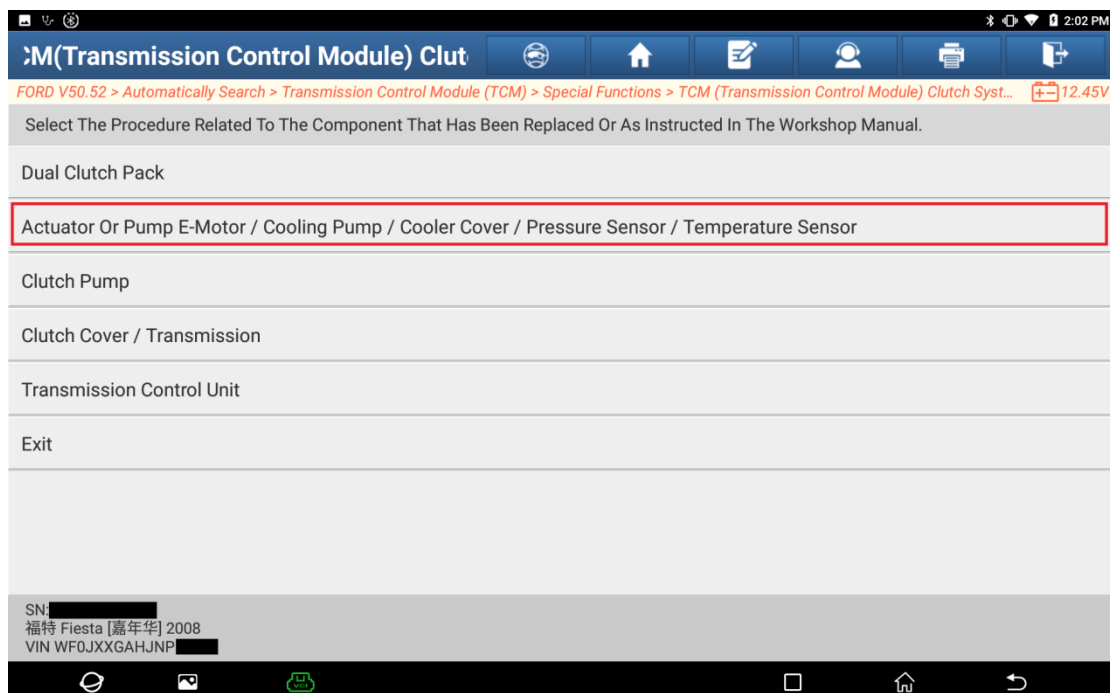
19. Ignition status: Ignition off



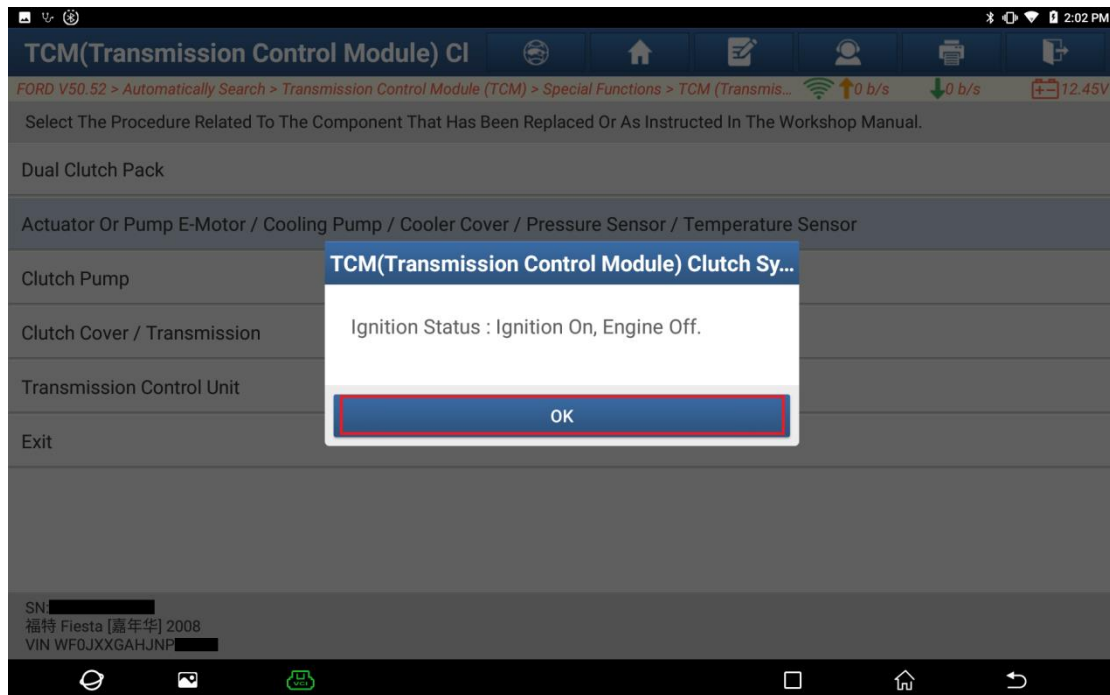
20. The program is completed. Exit the program.



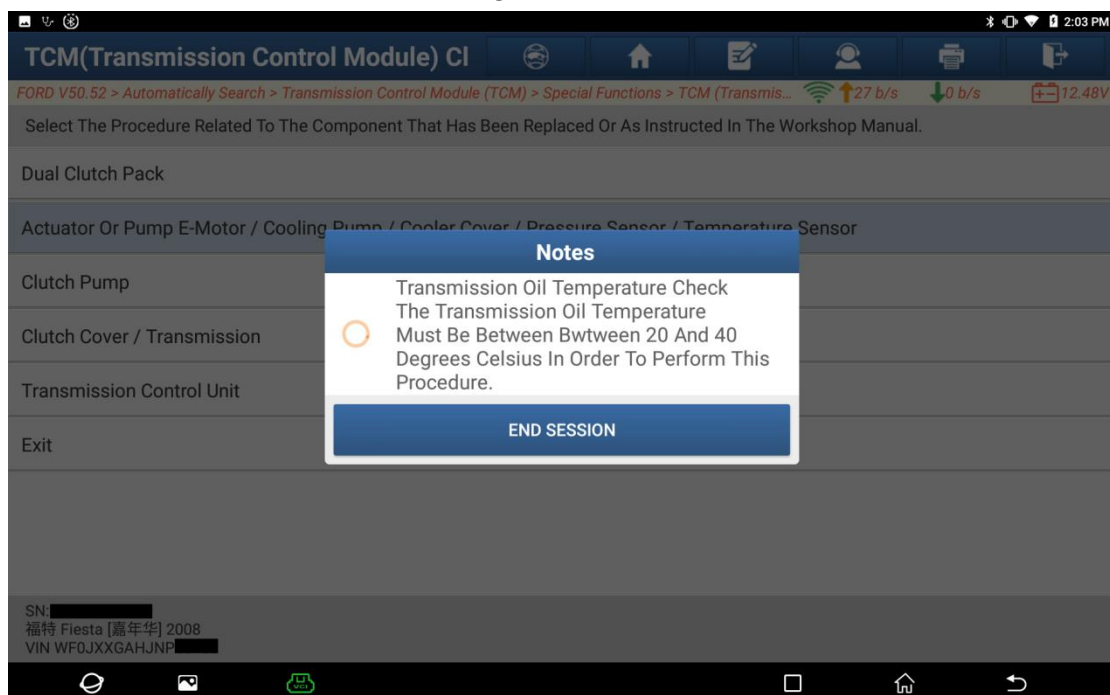
21. If [Actuator Or Pump E-Motor/Cooling Pump/Cooler Cover/Pressure Sensor/Temperature Sensor], [Clutch Pump], [Clutch Cover/Transmission], or [Transmission Control Unit] is selected in the main menu, the steps are the same. Take the [Actuator Or Pump E-Motor/Cooling Pump/Cooler Cover/Pressure Sensor/Temperature Sensor] option as an example.



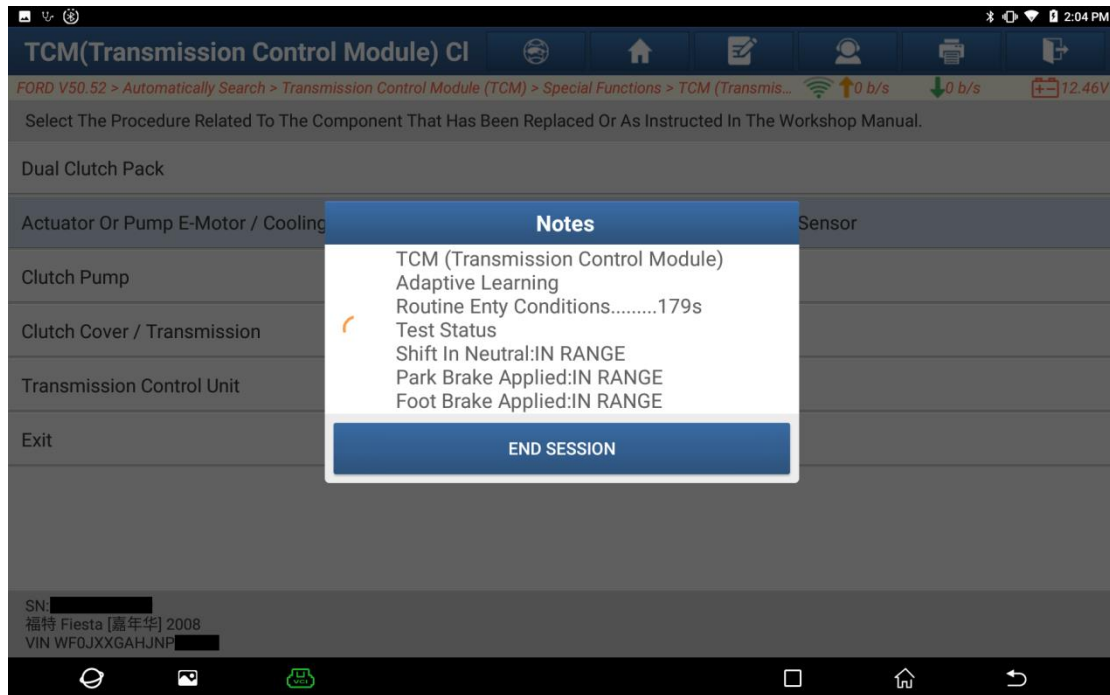
## 22. Ignition status: Ignition on, engine off



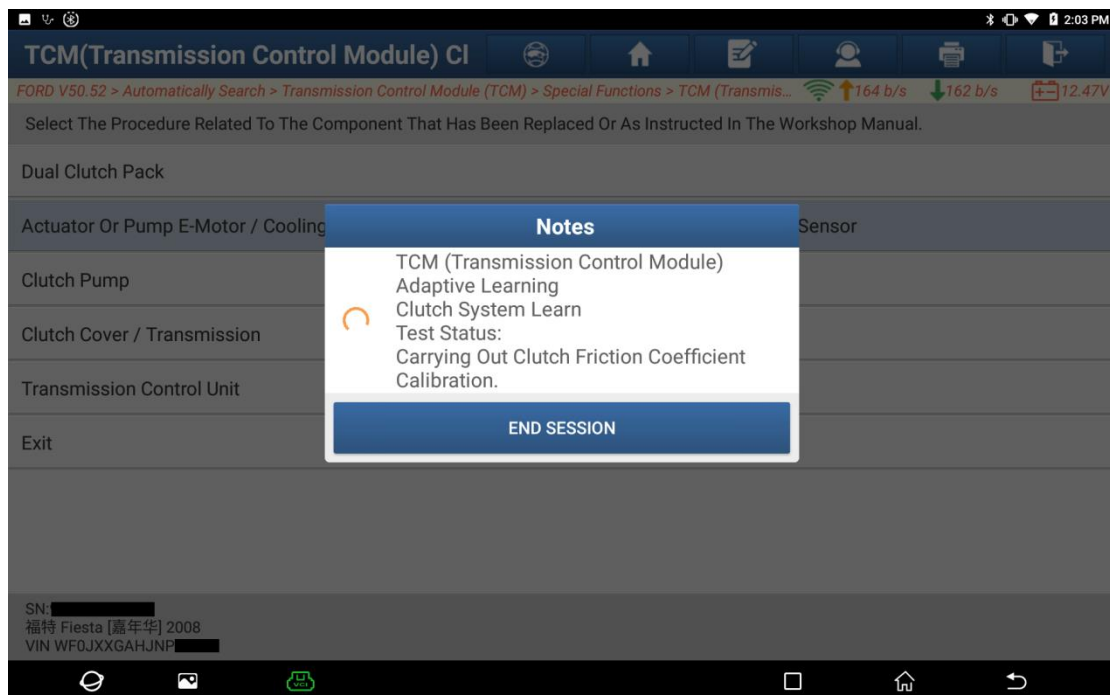
## 23. Transmission oil temperature verification: The oil temperature must be maintained between 20 and 40 degrees Celsius.



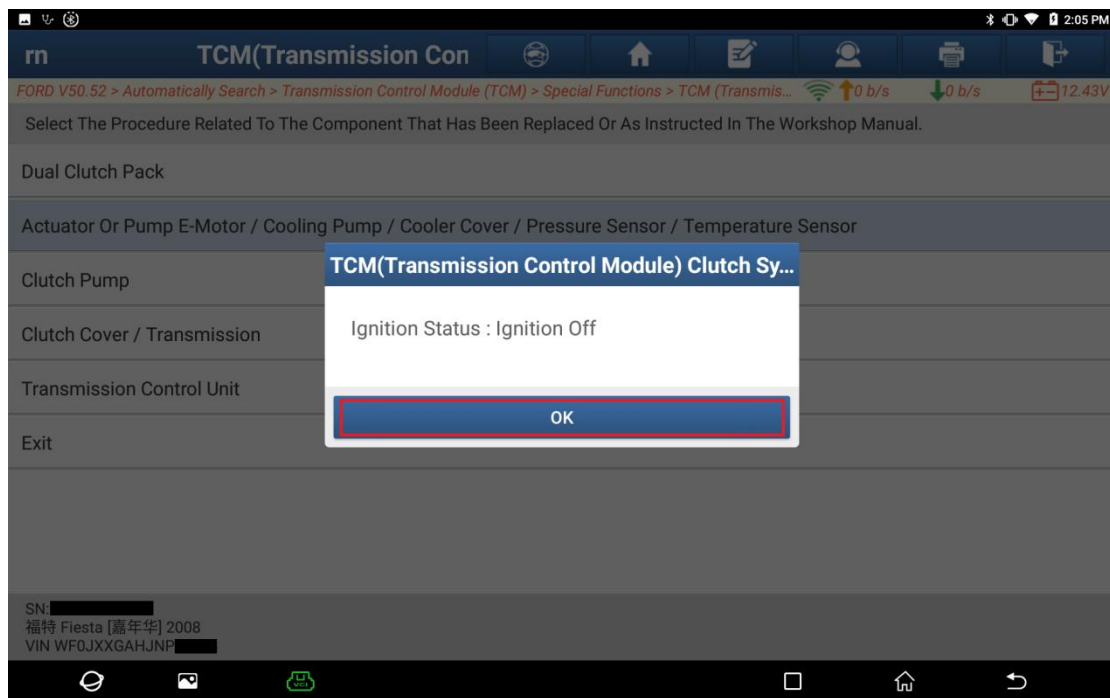
24. Adaptive learning of the transmission control module requires shifting to neutral, depressing the parking brake, and depressing the foot brake; only when all these conditions are met can proceed to the next step.



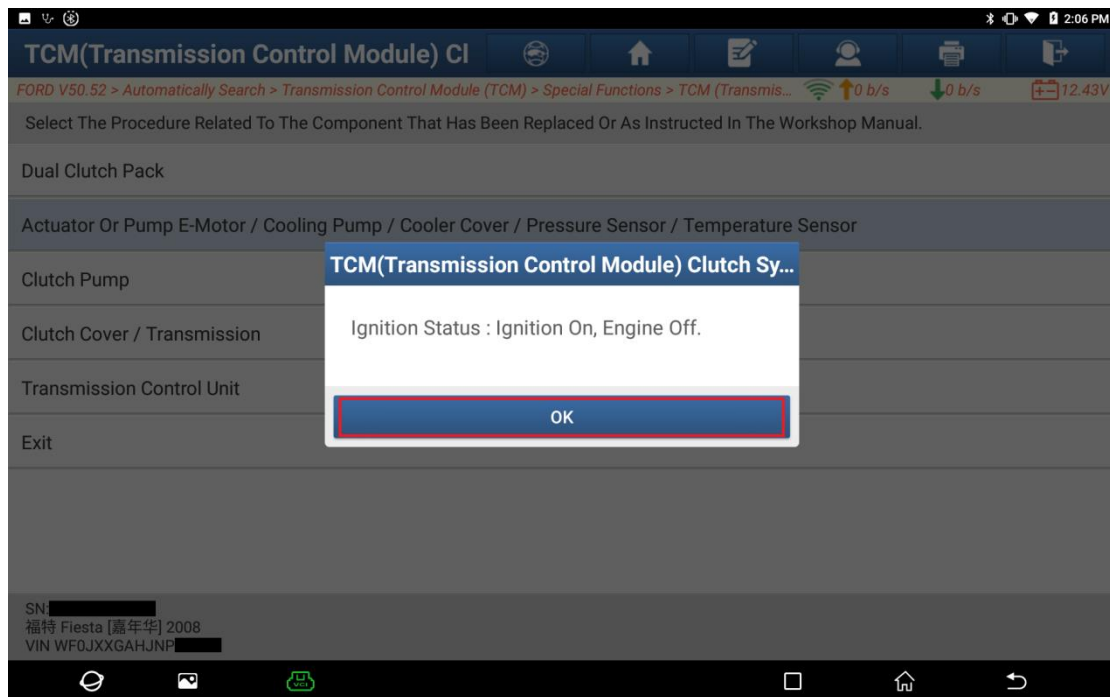
25. Clutch system learning: Perform clutch friction coefficient calibration.



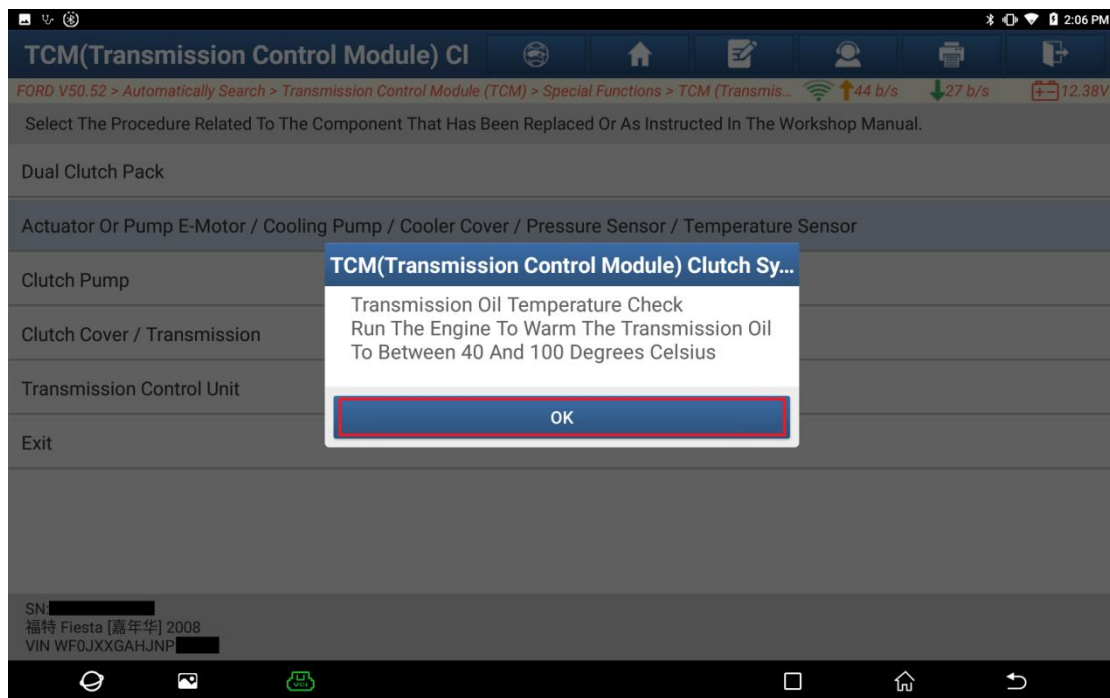
## 26. Ignition status: Ignition off



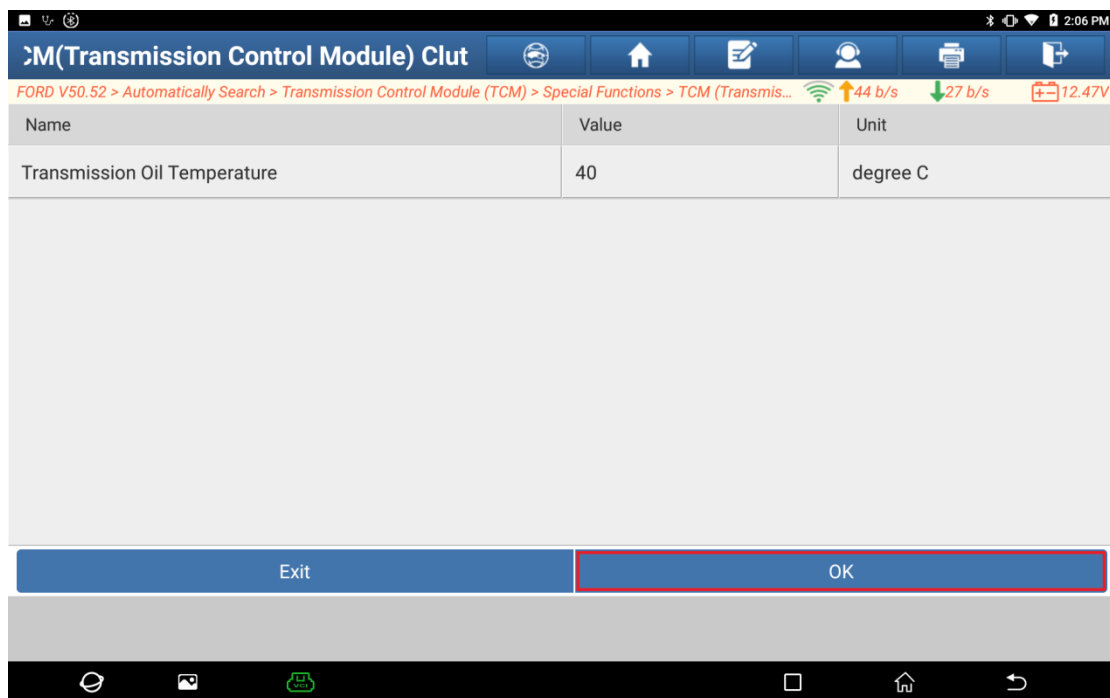
## 27. Ignition status: Ignition on, engine off



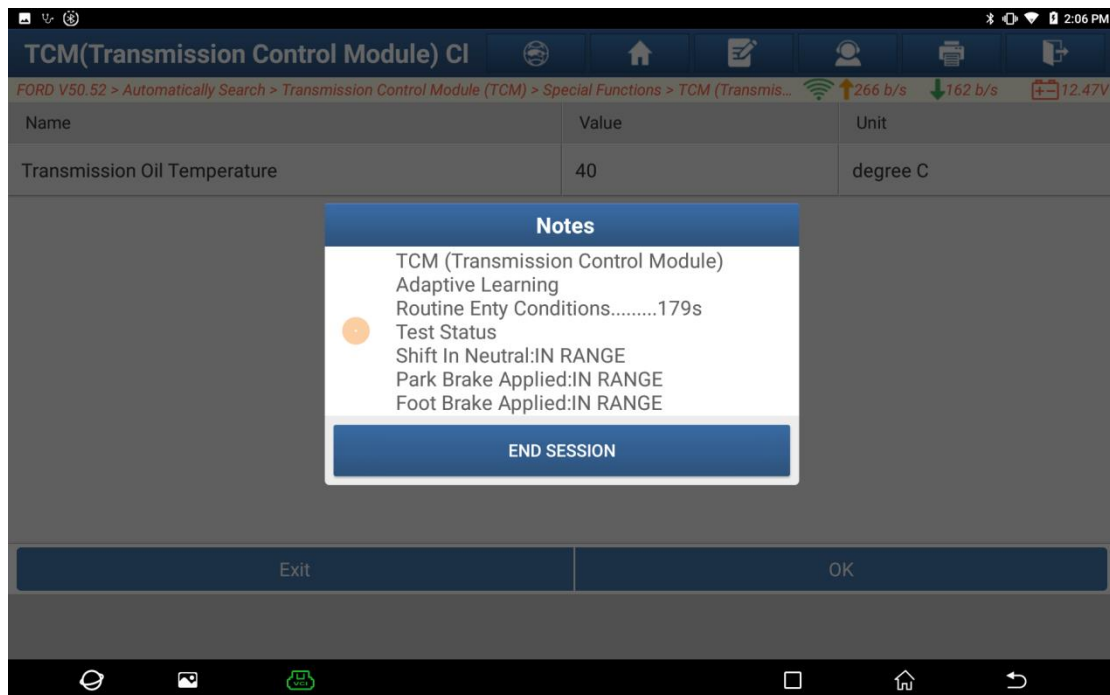
28. Check the transmission oil temperature.



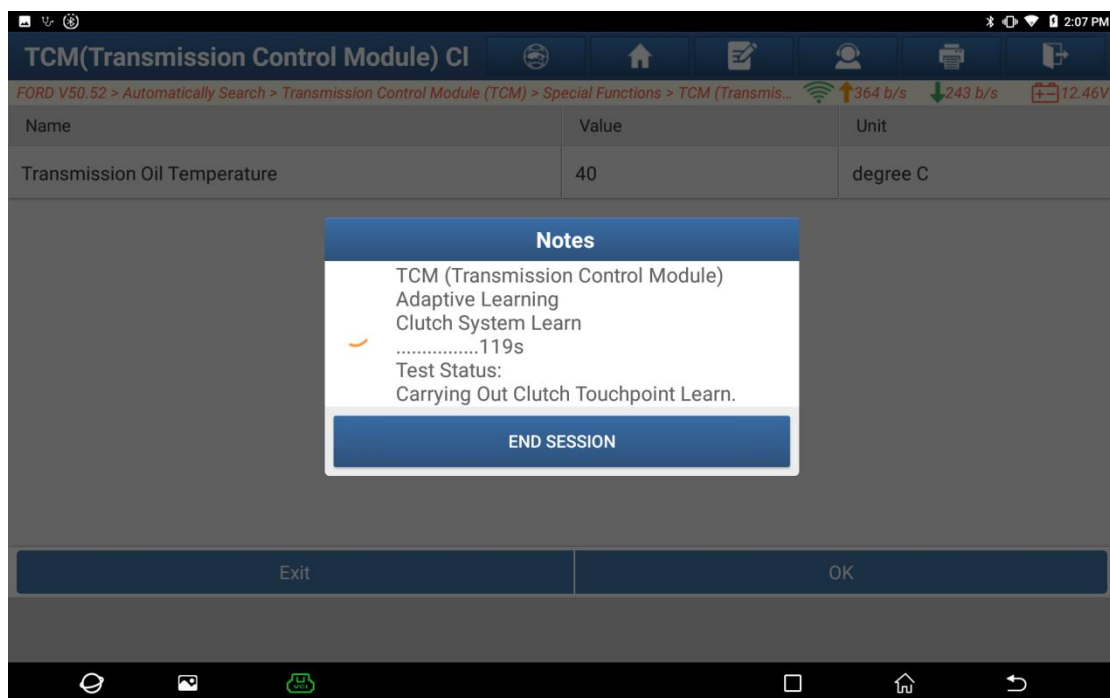
29. Control the transmission oil temperature between 40 and 100 degrees Celsius.



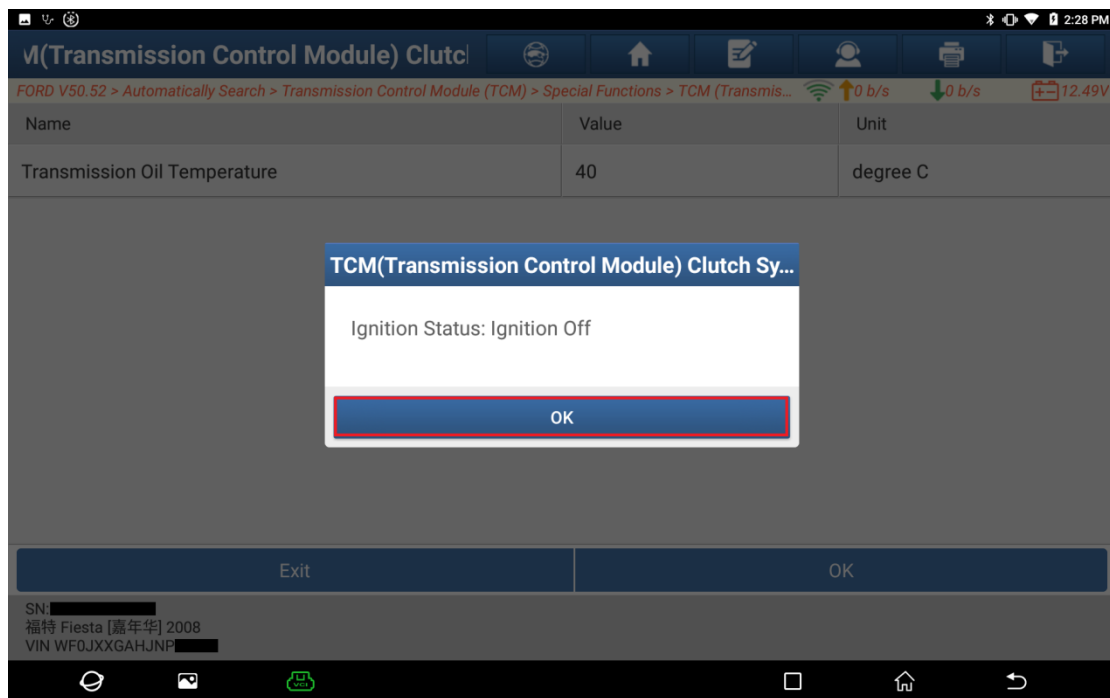
30. Adaptive learning of the transmission control module requires shifting to neutral, depressing the parking brake, and depressing the foot brake; only when all these conditions are met can proceed to the next step.



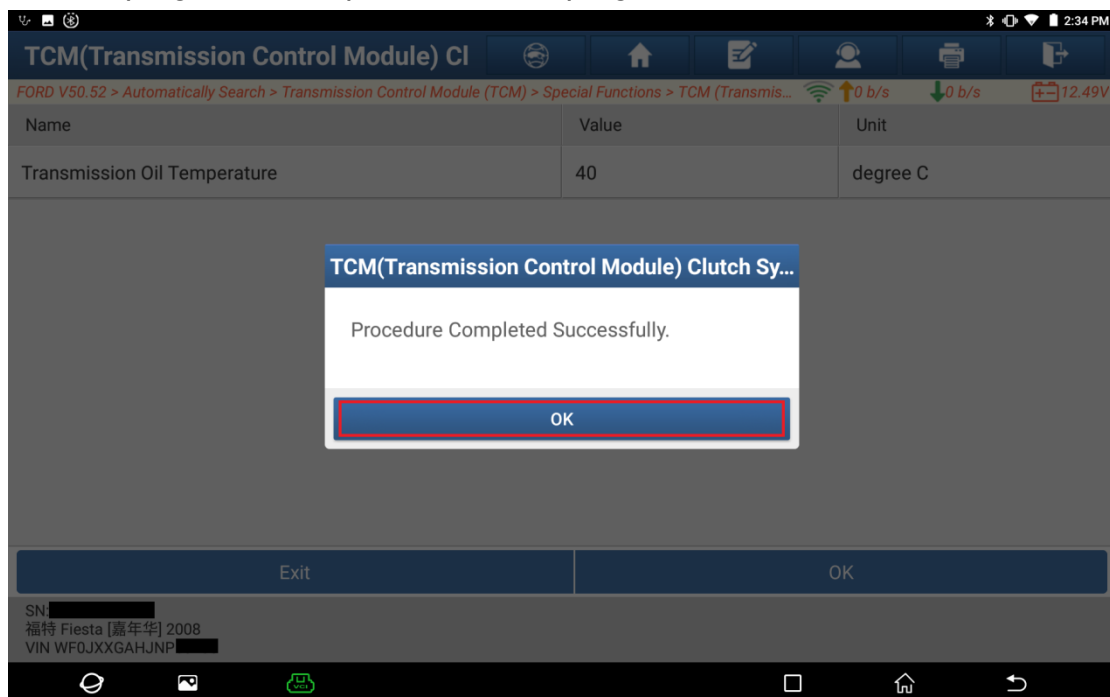
31. Clutch system learning: Perform clutch contact point learning and wait for 2 minutes.



## 32. Ignition status: Ignition off



## 33. The program is completed. Exit the program.

**Statement:**

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