

HONDA PASSPORT 2021 EGR (Exhaust Gas Recirculation) Test

Tested Model: HONDA PASSPORT 2021

Function Description:

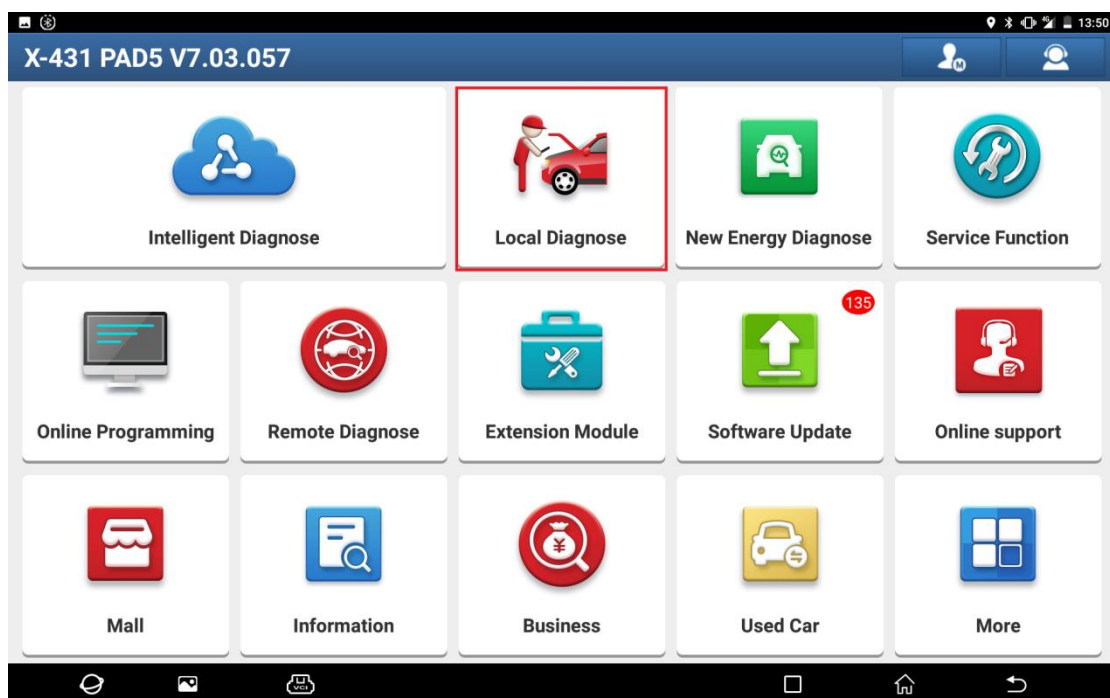
This function is used to check whether the EGR (Exhaust Gas Recirculation) valve of Honda vehicles is functioning properly.

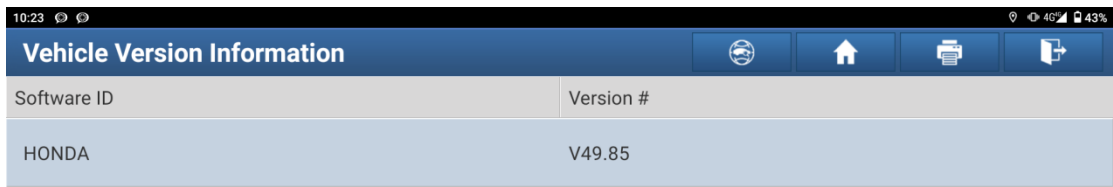
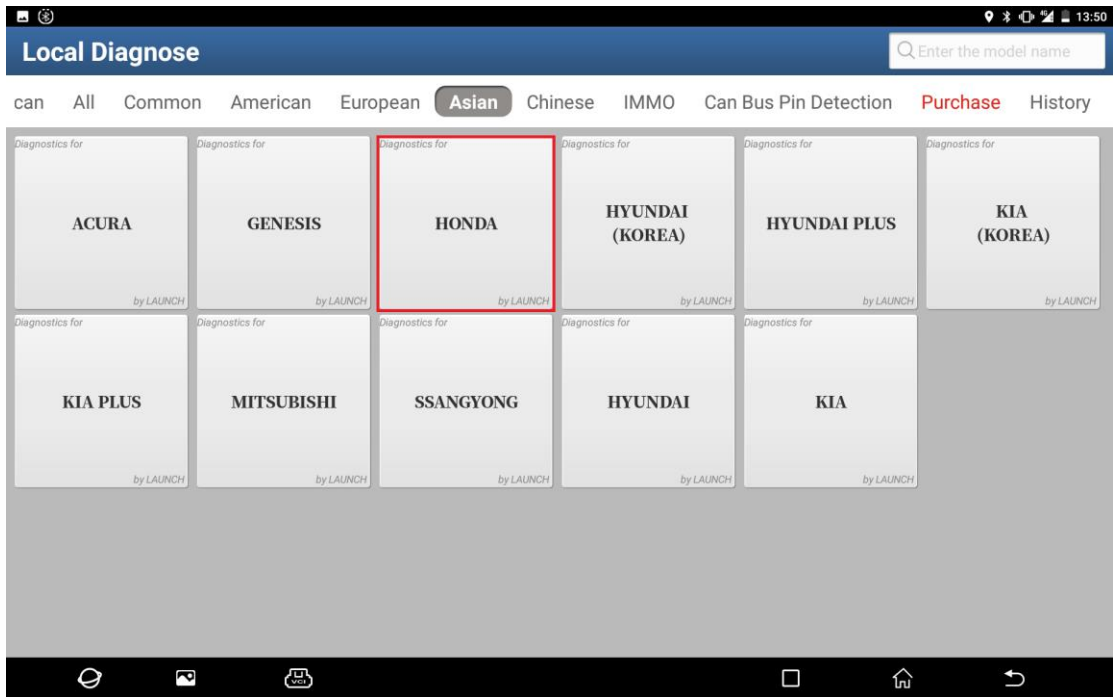
Execution Conditions:

- Connector connected and ignition switch ON
- In N or P gear
- A/C switch OFF

Procedure:

1. On a PAD 5, choose [Local Diagnose], and then choose [HONDA] for testing.





Honda Diagnostic Software V49.85

Update

Summary:

- Optimized the software structure. Fixed the DTC reading and clearing functions for the systems such as ICM, IMA, and FC. Added basic functions and special functions for the MVCS (Multi-View Camera System).

New Functions:

- Added basic functions and special functions for the MVCS (Multi-View Camera System).

Optimized Functions:

- Optimized the software structure.

Fixed Bugs:

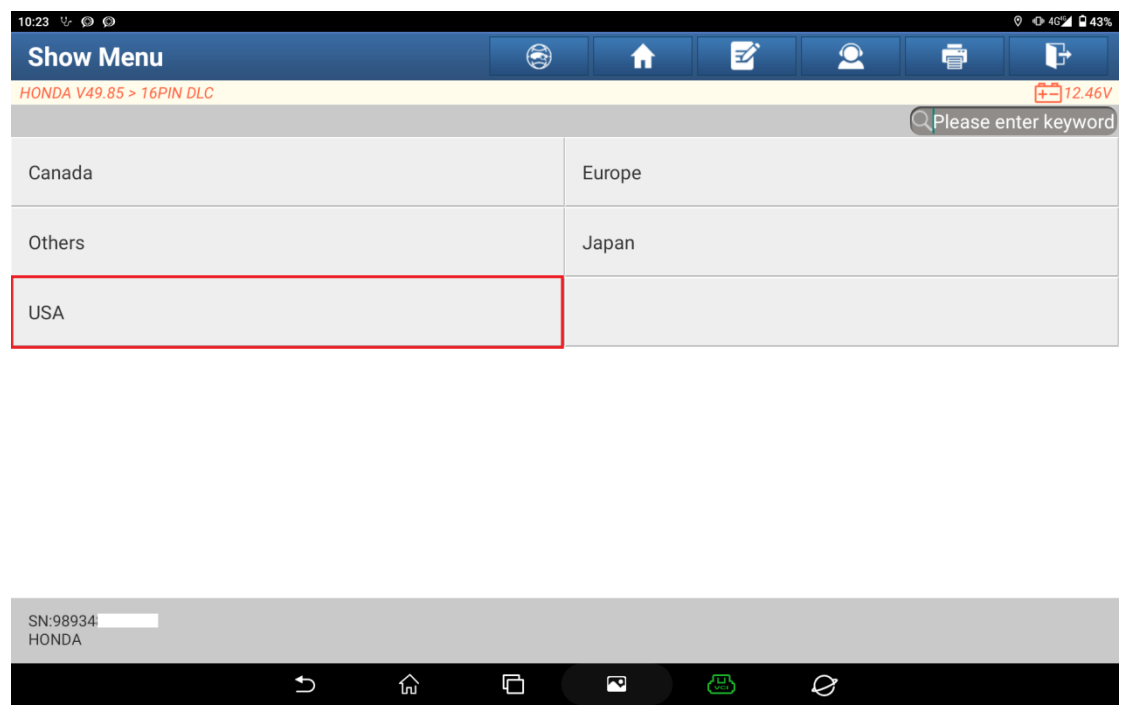
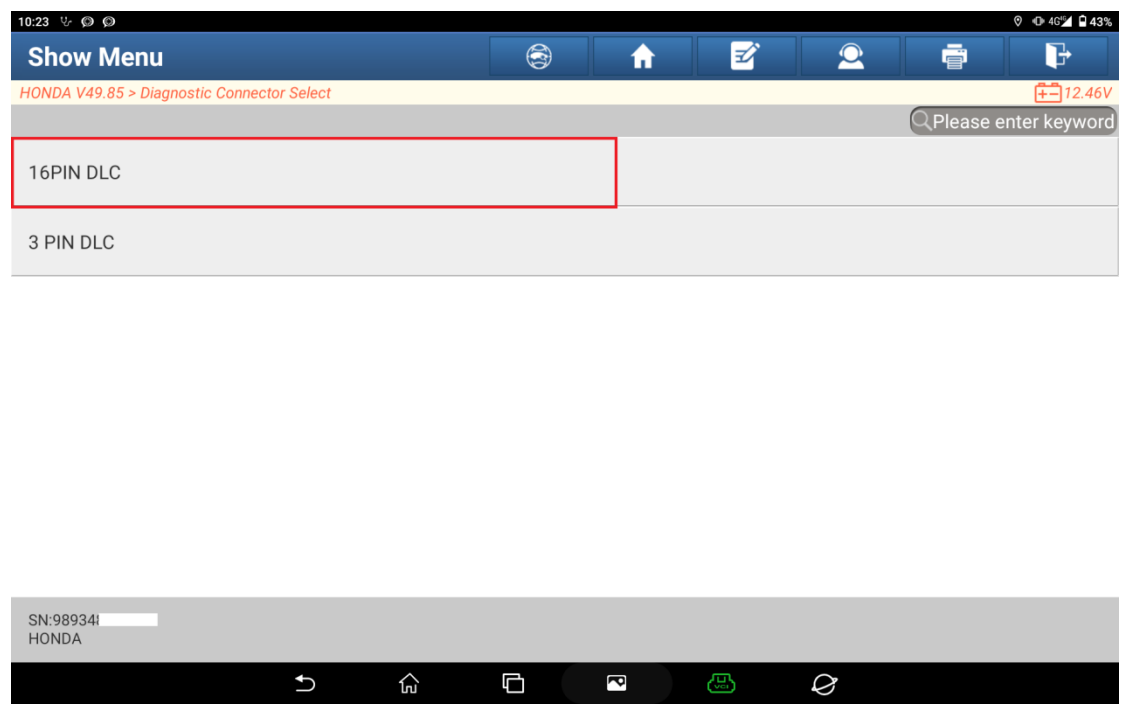
- Fixed the DTC reading and clearing functions for the systems such as ICM, IMA, and FC.

Maintenance Service Update:

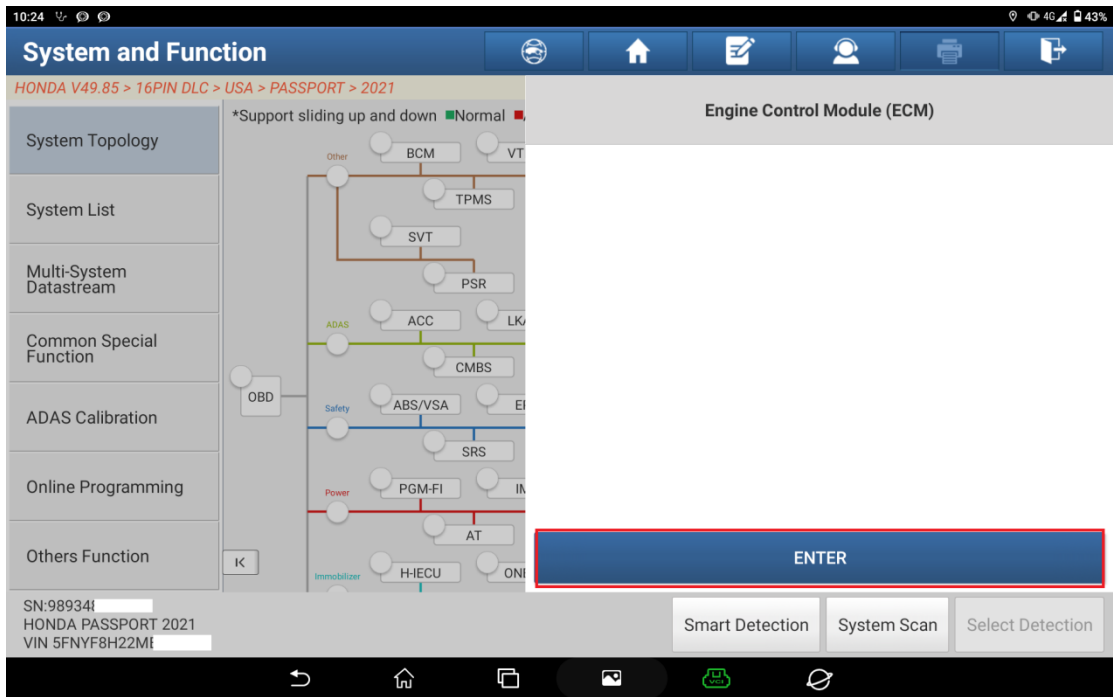
- None.



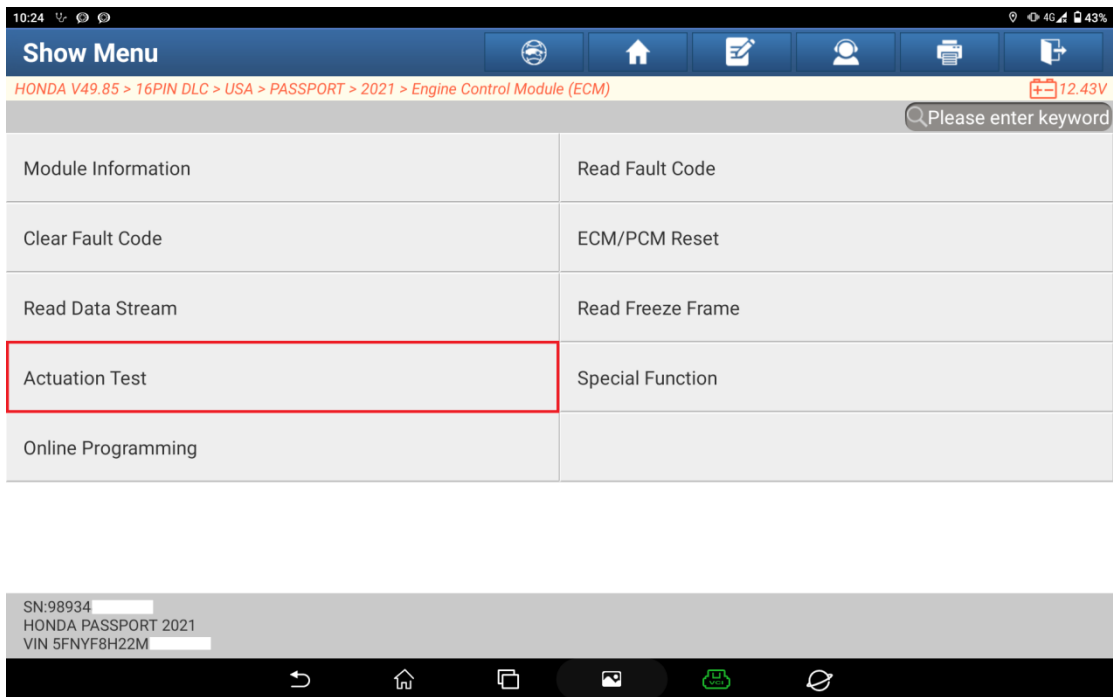
2. Click [16PIN DLC], and then choose the region to automatically identify the car model. For this test, choose the [USA] region.



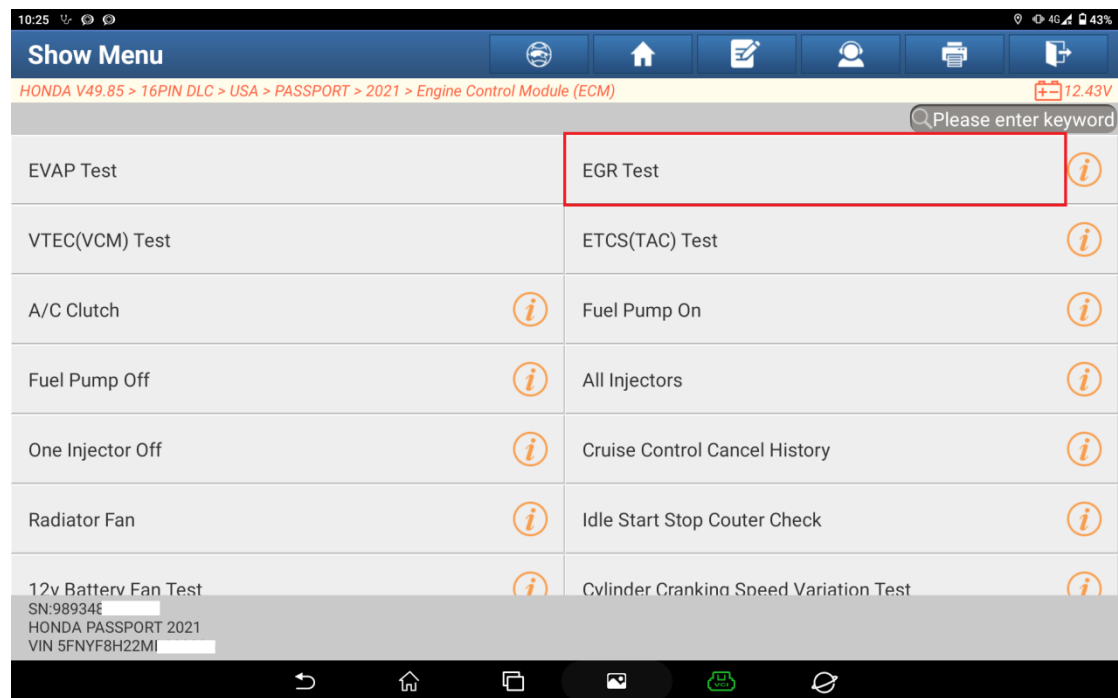
3. Choose the engine control module (ECM) and click [ENTER].



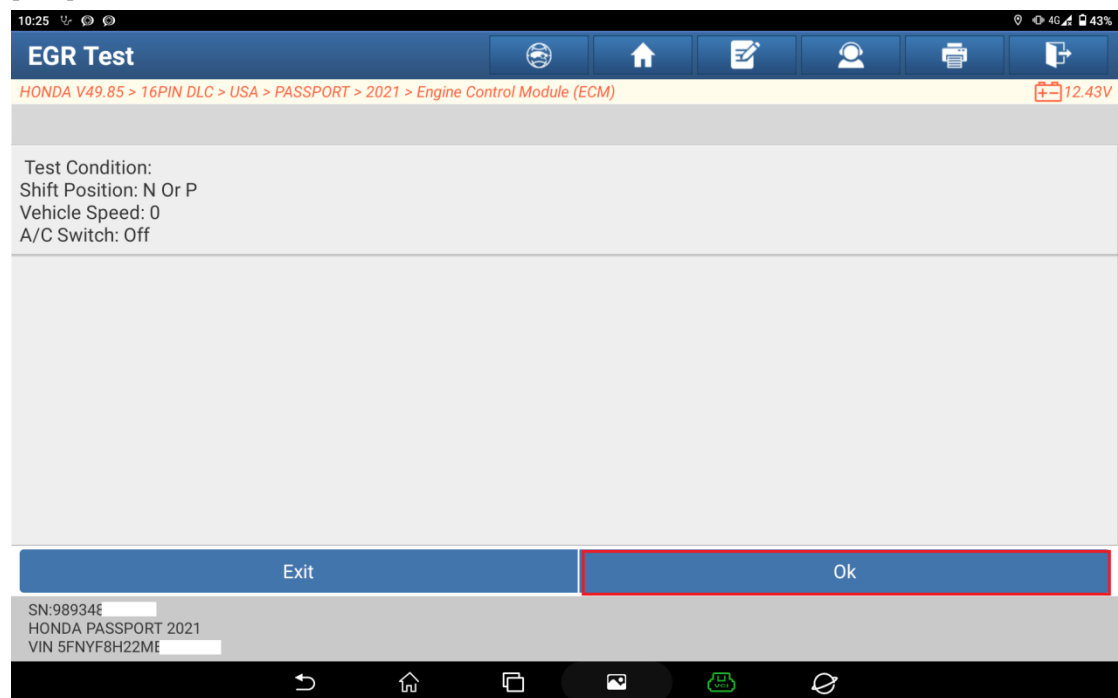
4. Choose [Actuation Test].



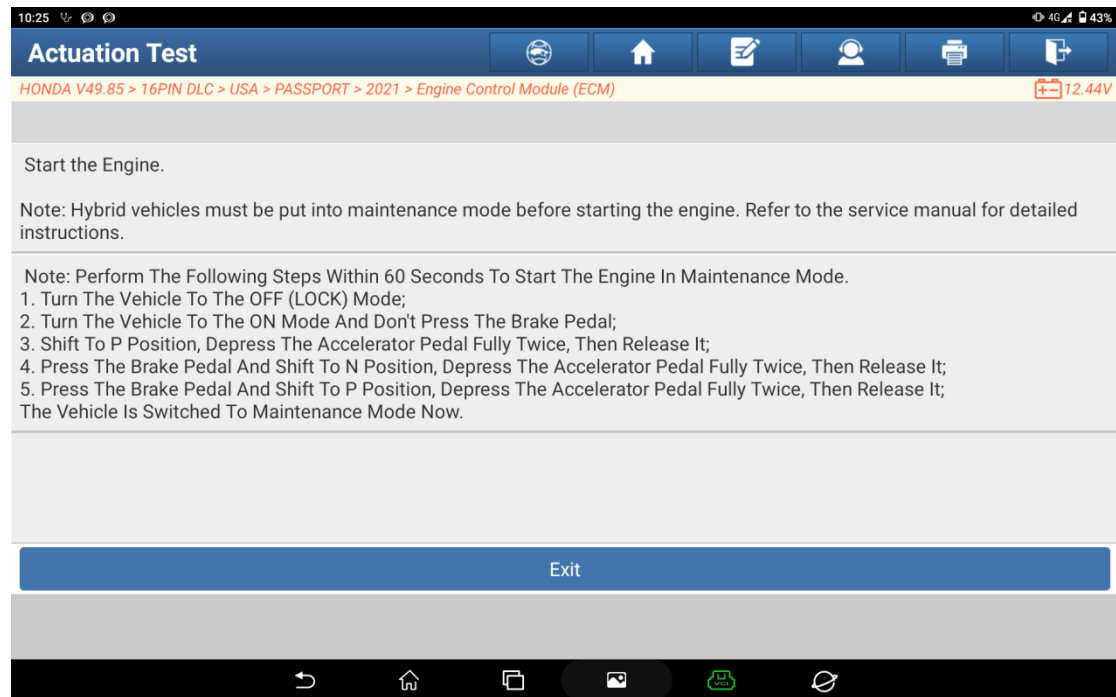
5. Choose [EGR Test].



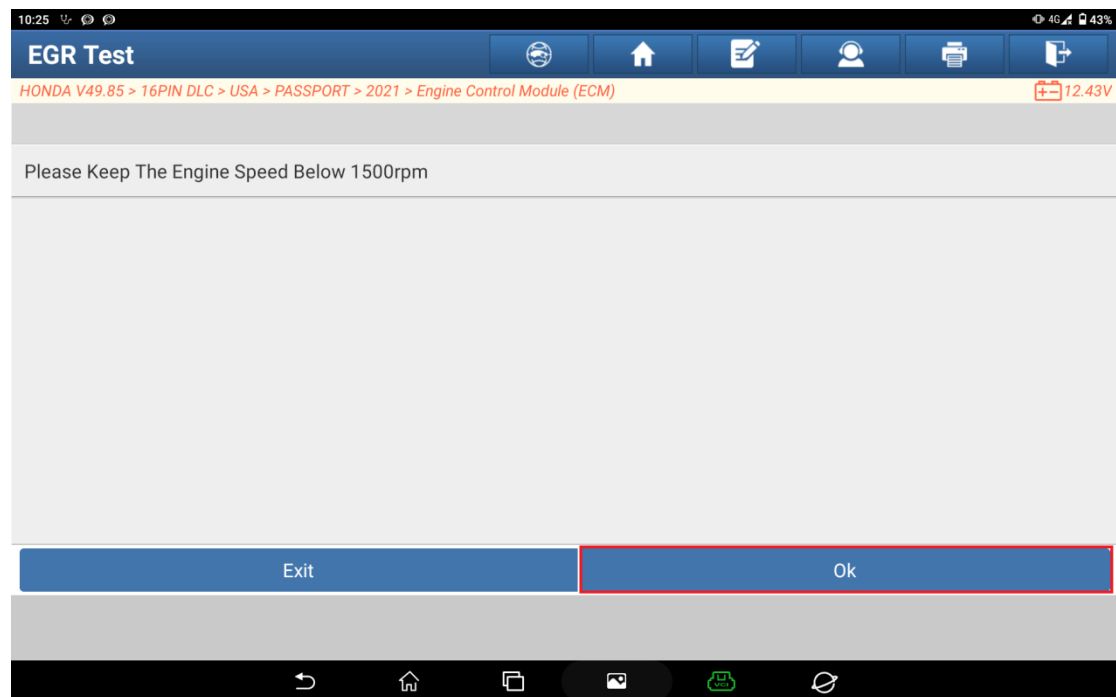
6. Read the test conditions. After ensuring that all conditions are met, click [OK].



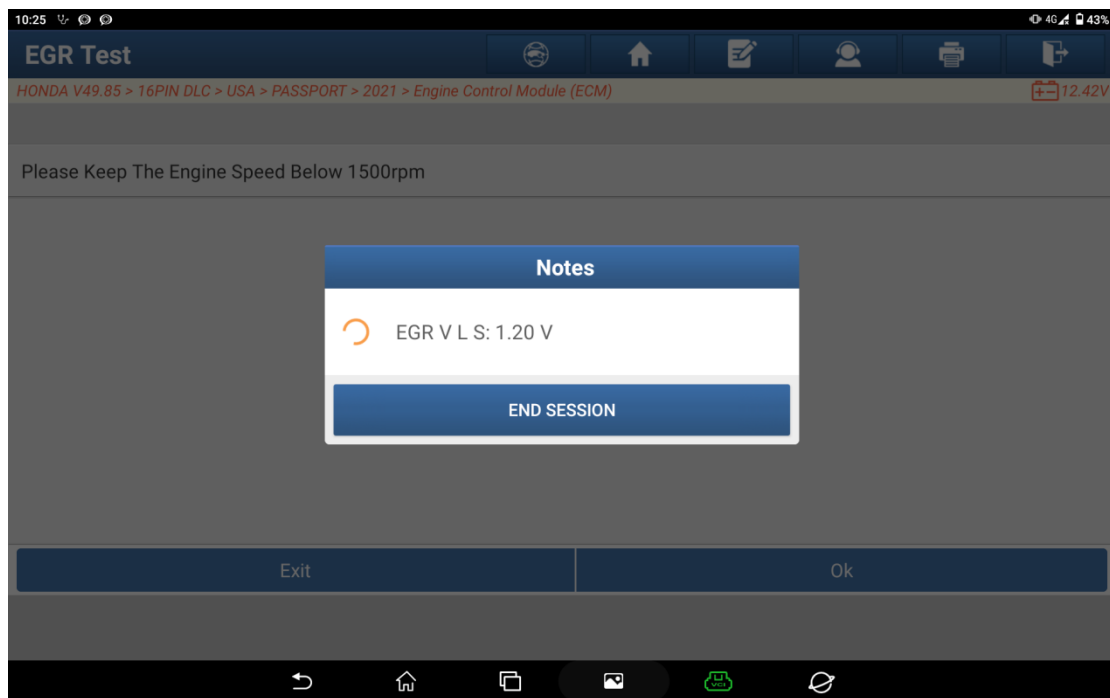
7. Start the engine. For hybrid models, switch to the maintenance mode before starting the engine.



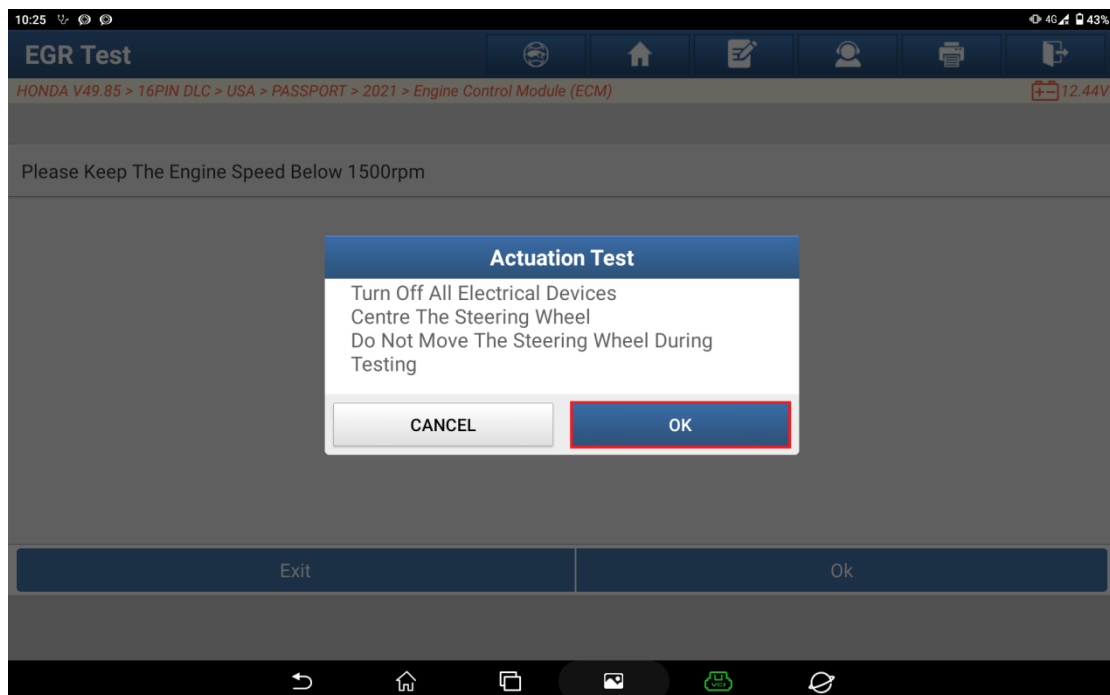
8. It is recommended not to depress the accelerator pedal first. Keep the engine speed below 1500 RPM, and then click [OK].



9. The status is stabilizing. Please wait for about 5 seconds.



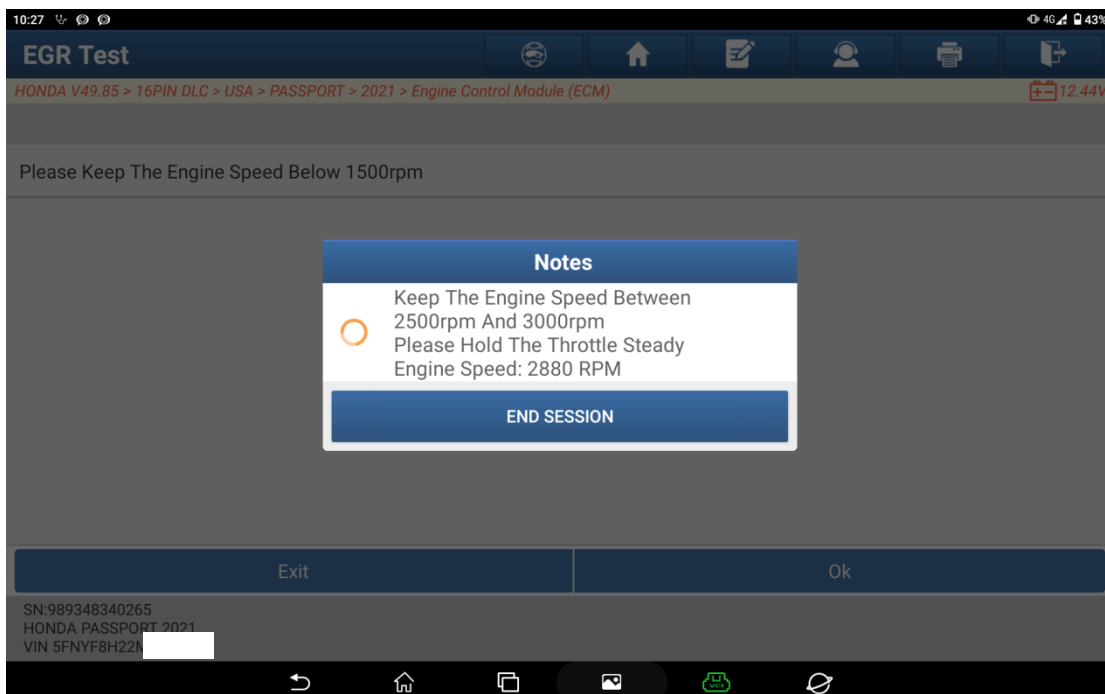
10. Turn off all electrical devices, center the steering wheel, and then click [OK].



11. This test requires the engine coolant temperature to reach above 86°C before execution. Raise the coolant temperature by increasing the engine speed.



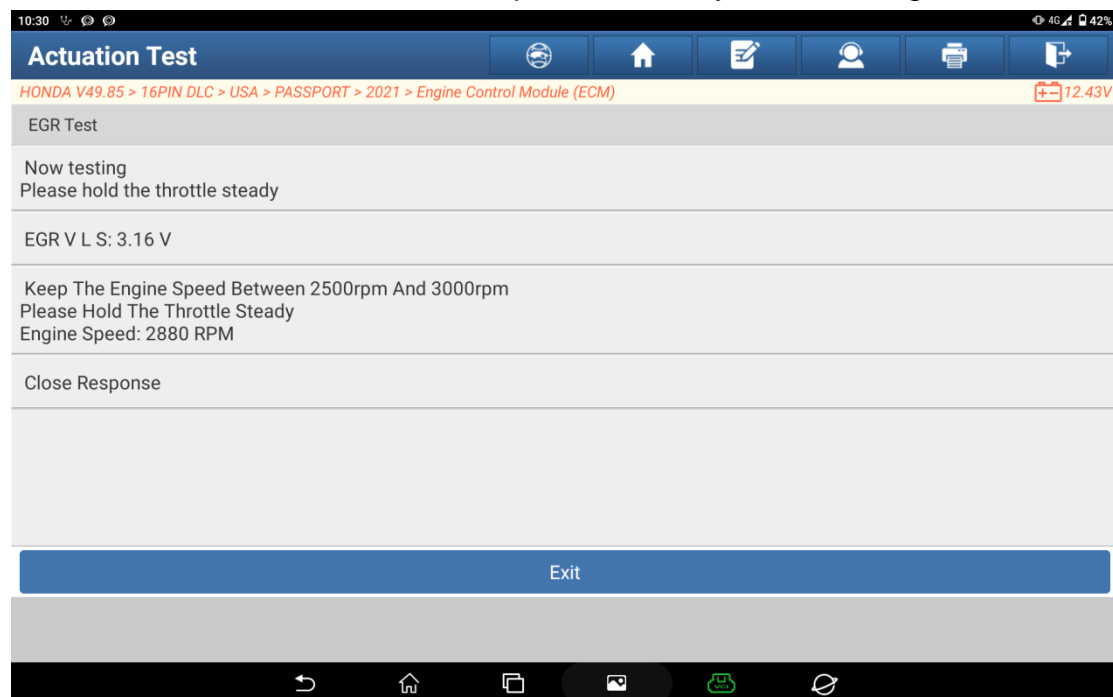
12. Increase the engine speed to between 2500 and 3000 RPM and hold for about 5 seconds.



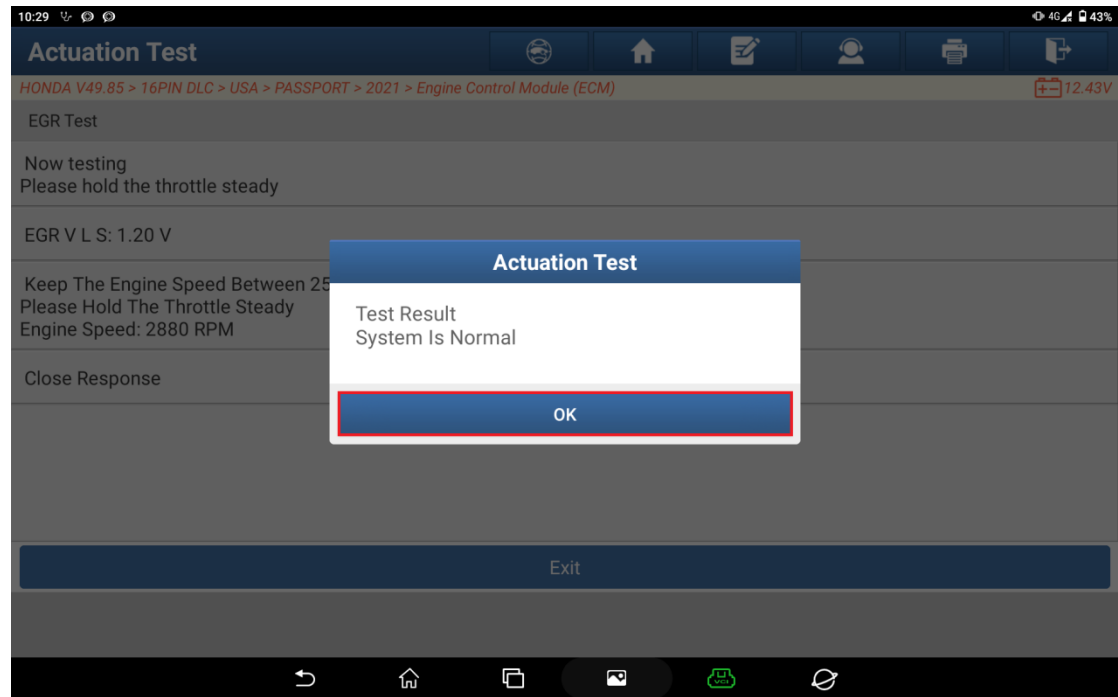
13. Test whether the EGR valve responds normally when opening.



14. Test whether the EGR valve responds normally when closing.



15. Test completed. The EGR valve is normal.



Statement:

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