

Particle Filter Regeneration

Tested Model: Renault MEGANE III V 2017

Function Description:

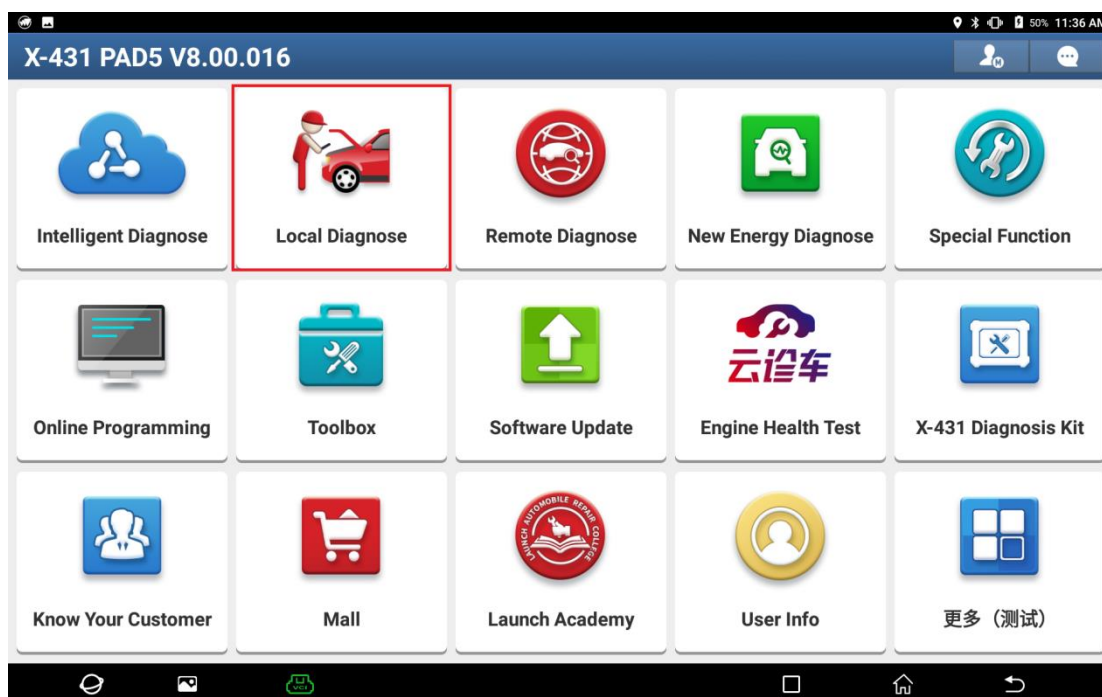
This function burns off particulate matter in the exhaust pipe and expels the residues.

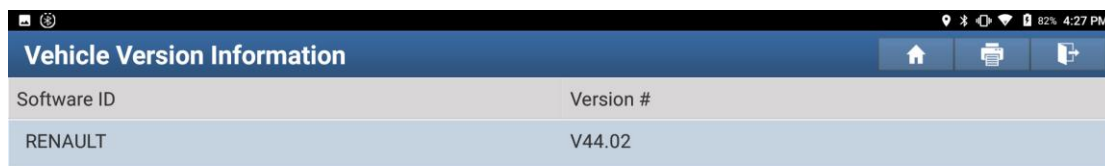
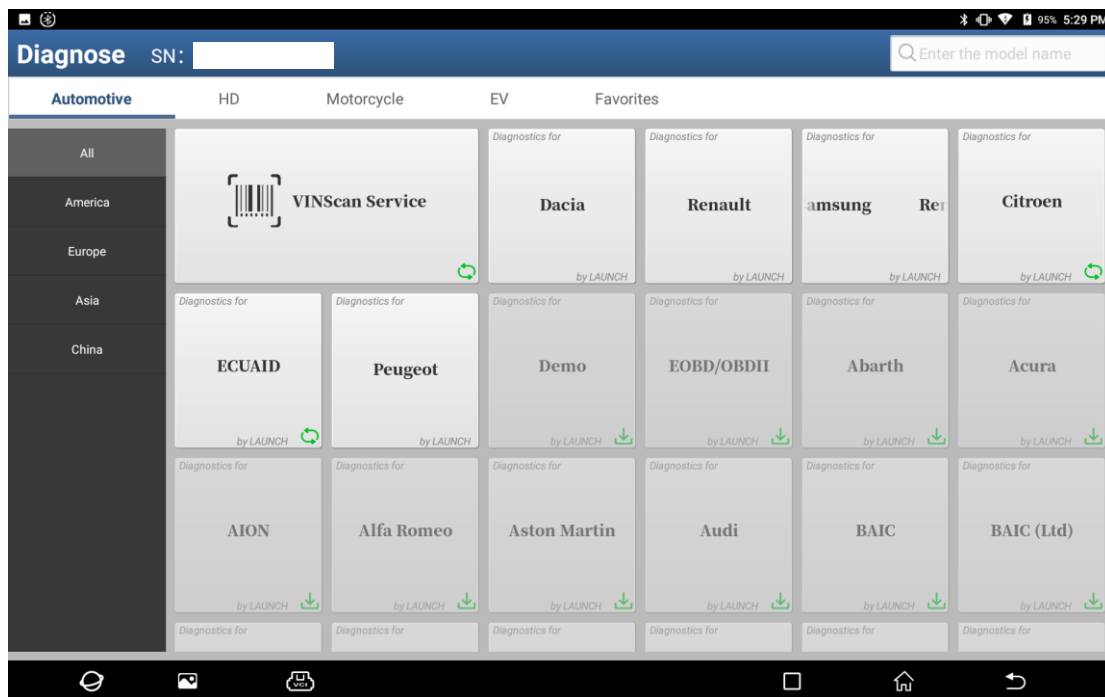
Execution Conditions:

- Ignition switch ON
- Engine started

Procedure:

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





Renault Diagnostic Software V44.02

Software Introduction

Summary for covered ECU:

Engine, Automatic Transmission Control Unit, Anti-lock Brake System, Supplementary Restraint System, Air Conditioning, Instrument Cluster, Radio, Immobilizer, Cruise, Central Control Computer, Park Distance Control, light and more systems.

Summary for covered basic functions:

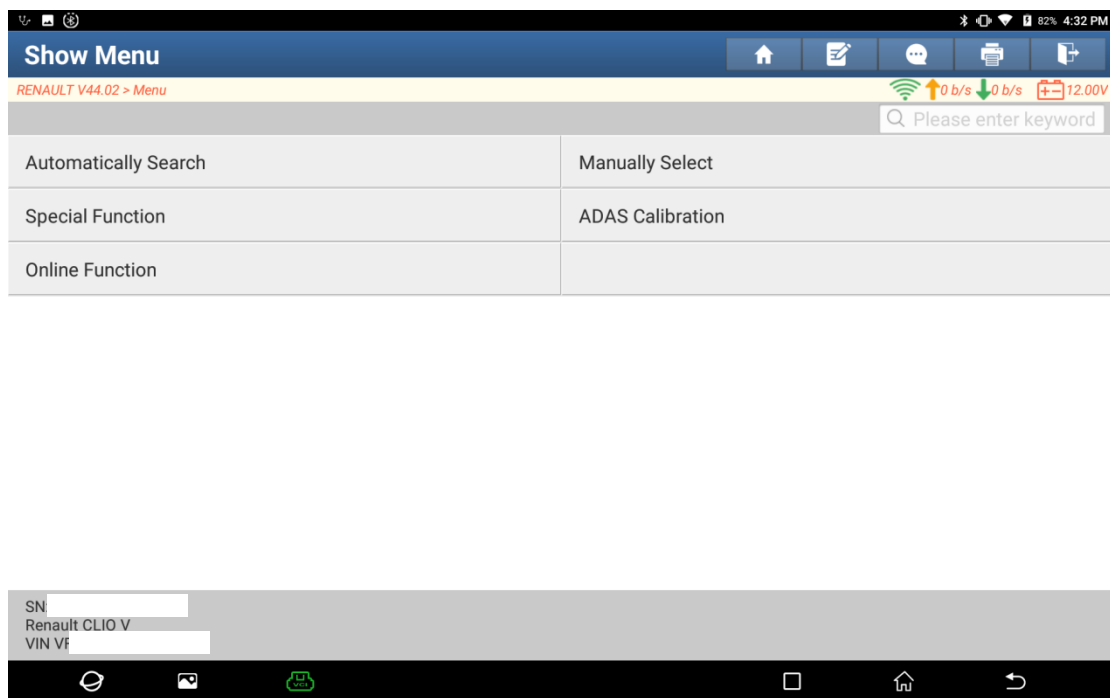
- Read vehicle computer information
- Read vehicle failure information
- Clear vehicle failure information
- Read vehicle operation data
- Vehicle components actuation test

Summary for covered special functions:

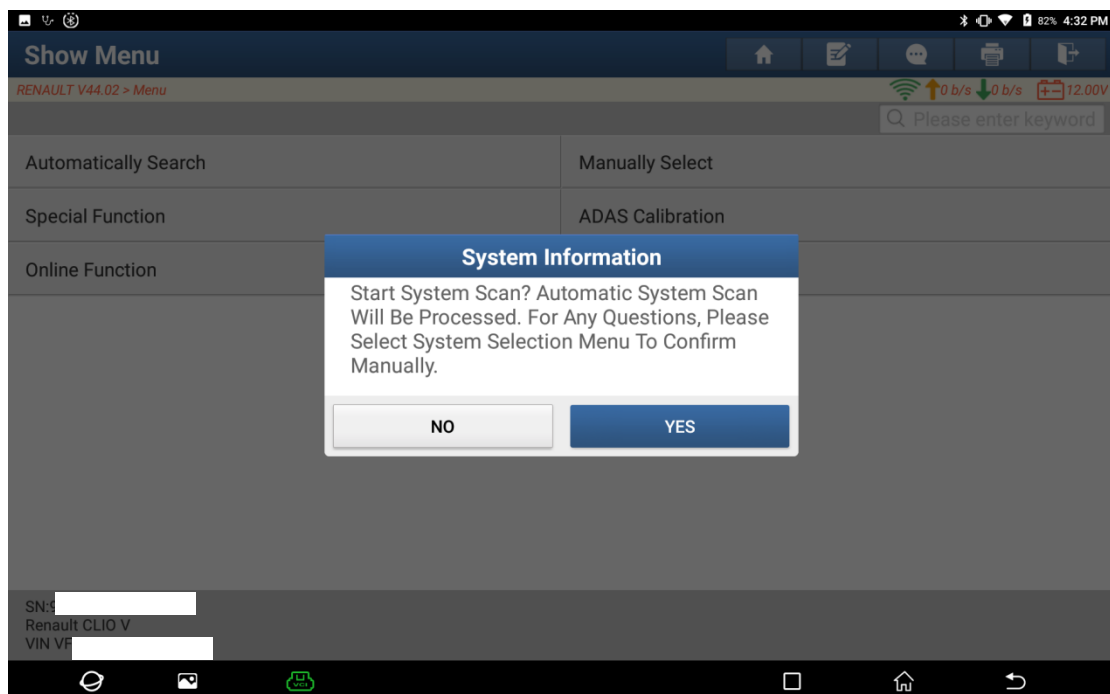
- **Engine**
Injector coding, Filter regeneration, Throttle matching, Idle programming, ECU flash, Re-initialize programming, Adaptive after filter replaced, High pressure fuel loop fault check
- **Anti-lock Brake System**
Test target gear, Exhaust hydraulic unit and brake loop, steering angle sensor initialization



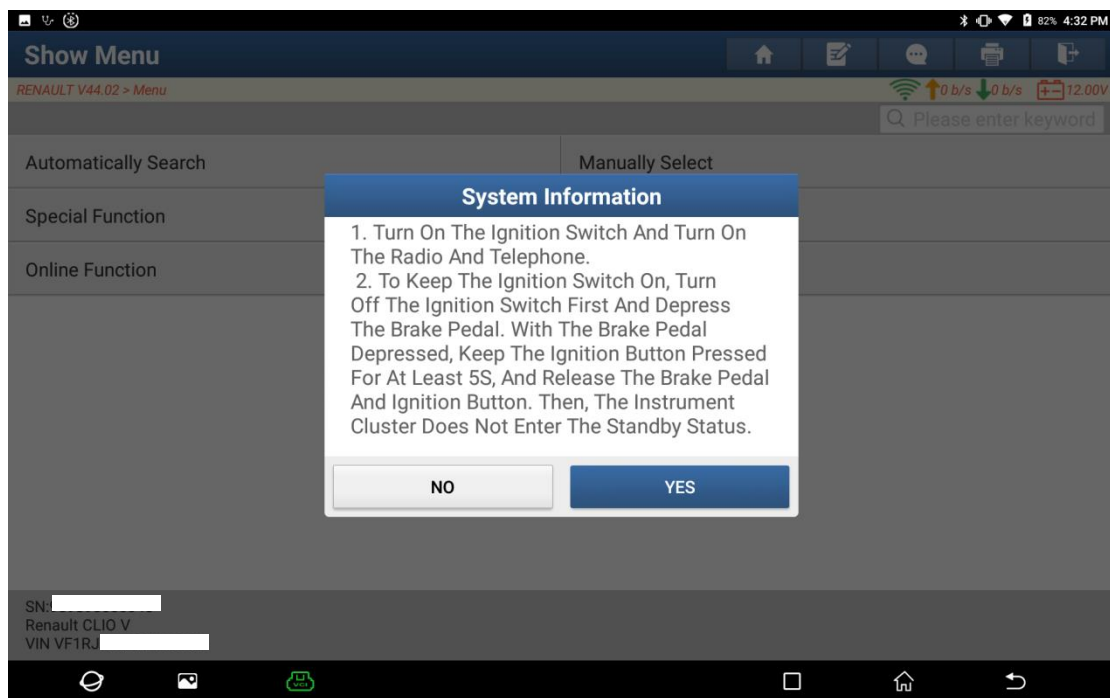
2. Choose [Automatically Search] to automatically identify the vehicle model.



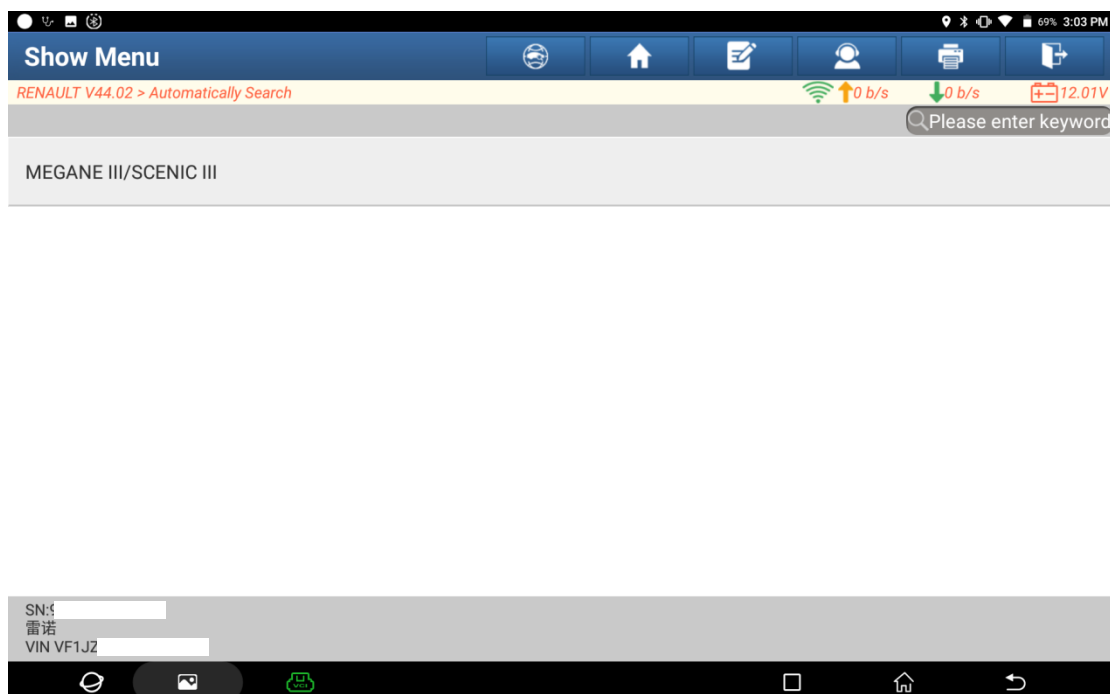
3. Click "YES".



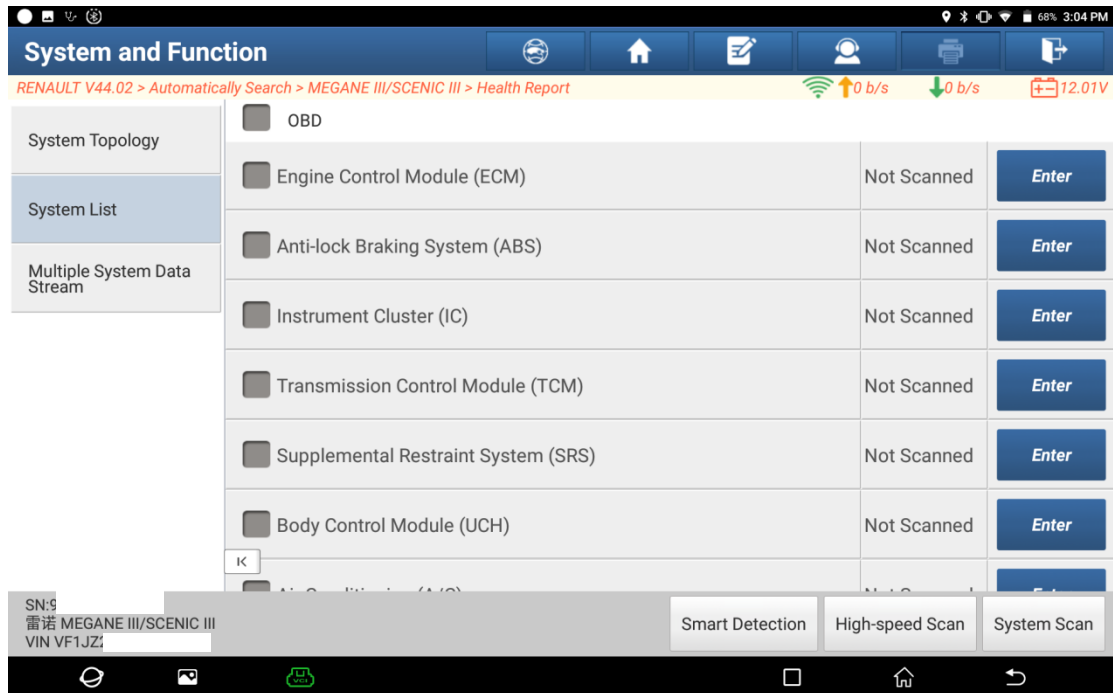
4. Click "YES".



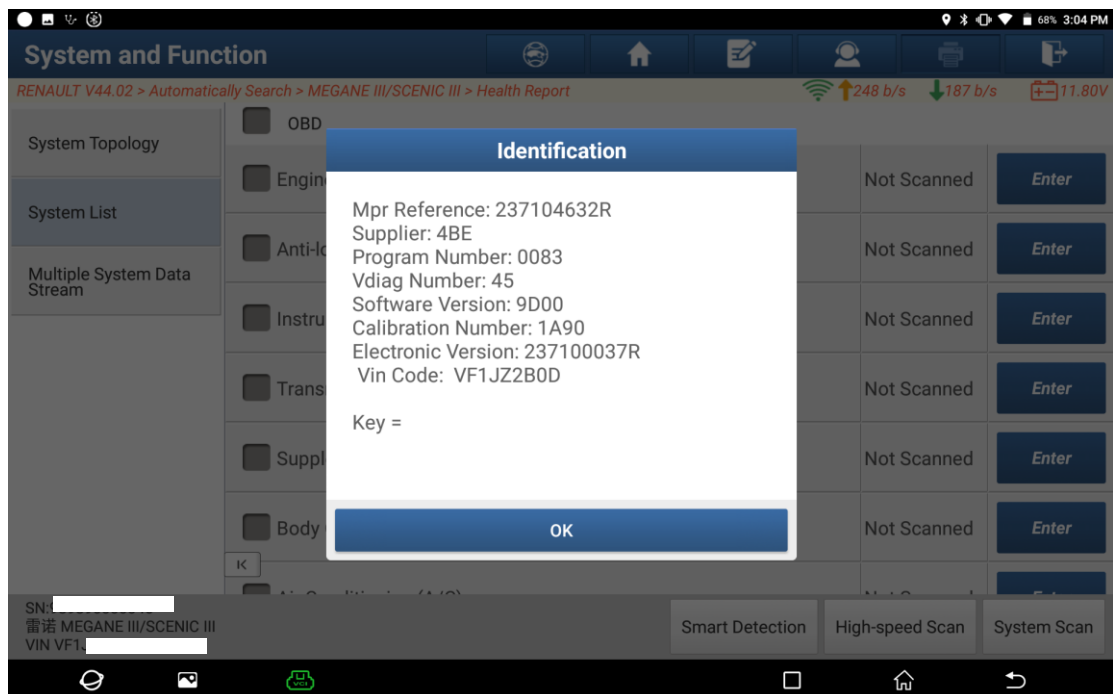
5. The vehicle model MEGANE III/SCENIC III is identified out. Choose [MEGANE III/SCENIC III].



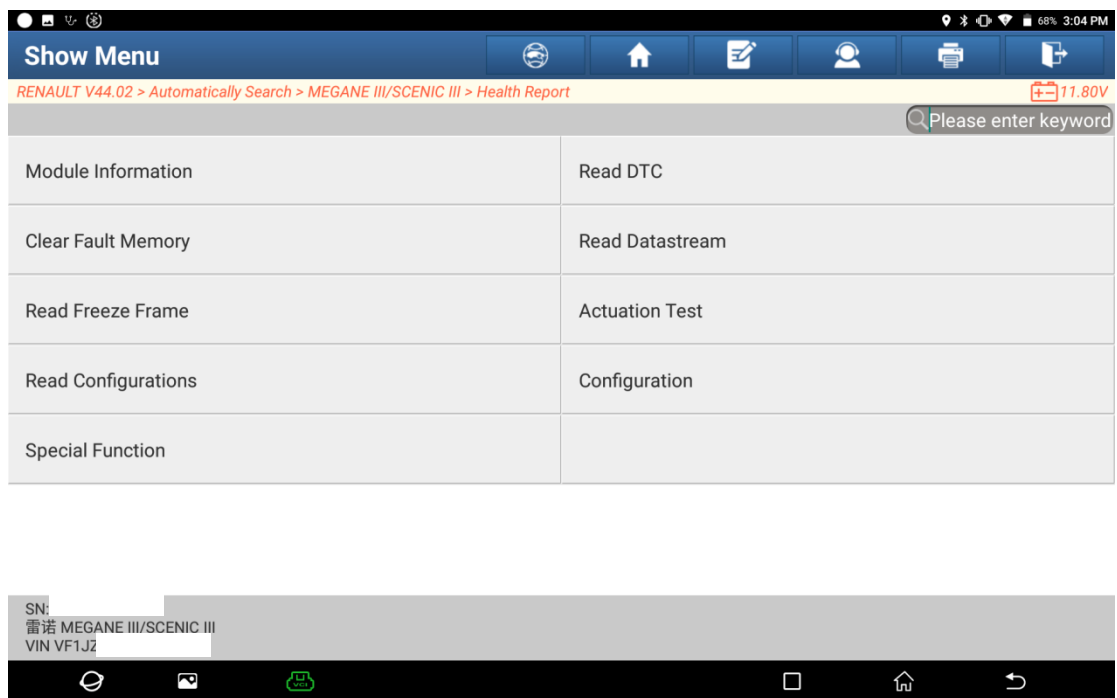
6. Choose [System List], choose [Engine Control Module (ECM)], and then click "Enter".



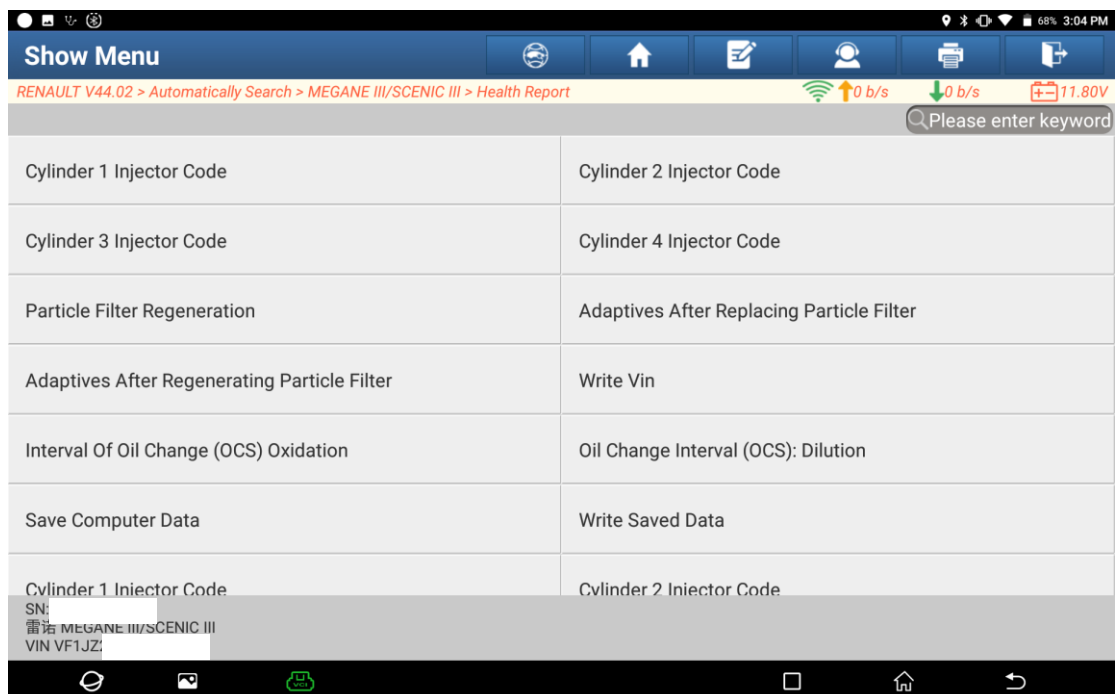
7. Confirm the vehicle information, and then click "OK".



8. Choose [Special function].



9. Choose [Particle Filter Regeneration].



The screenshot shows the Renault diagnostic tool interface. At the top, there is a status bar with various icons and the time 3:06 PM. Below the status bar, the main menu is visible, including options like 'Show Menu', 'Renault', 'Home', 'Tools', 'User', 'Print', and 'Exit'. The main display area shows a list of diagnostic items, including 'Cylinder 1 Injector Code', 'Cylinder 2 Injector Code', 'Cylinder 3 Injector Code', 'Particle Filter Regeneration', 'Adaptives After Regenerating Particulate Filter', 'Interval Of Oil Change (OCS) Oxidation', 'Save Computer Data', 'Write Saved Data', 'Cylinder 1 Injector Code', 'Cylinder 2 Injector Code', 'SN', '雷诺 MEGANE III/SCENIC III', and 'VIN VF1J2'. A confirmation dialog box is displayed in the center, asking for confirmation to increase the fast idle speed with oscillations. The dialog box has a blue header and a white body with the following text: 'This Command Increases The Fast Idle Speed With Oscillations. When Switching From The Heating Phase To The Regeneration Phase, A Change In Engine Sound Is Normal.' There are two buttons at the bottom: 'NO' and 'YES'.

RENAULT V44.02 > Automatically Search > MEGANE III/SCENIC III > Health Report

0 b/s 0 b/s 11.98V

Please enter keyword

Cylinder 1 Injector Code Cylinder 2 Injector Code

Cylinder 3 Injector Code

Particle Filter Regeneration Particle Filter

Adaptives After Regenerating Particulate Filter

Interval Of Oil Change (OCS) Oxidation Dilution

Save Computer Data Write Saved Data

Cylinder 1 Injector Code Cylinder 2 Injector Code

SN

雷诺 MEGANE III/SCENIC III

VIN VF1J2

This Command Increases The Fast Idle Speed With Oscillations.

When Switching From The Heating Phase To The Regeneration Phase, A Change In Engine Sound Is Normal.

NO YES

RENAULT V44.02 > Automatically Search > MEGANE III/SCENIC III > Health Report

0 b/s 0 b/s 11.98V

Please enter keyword

Cylinder 1 Injector Code	Cylinder 2 Injector Code
Cylinder 3 Injector Code	Cylinder 4 Injector Code
Particle Filter Regeneration	Particle Filter
Adaptives After Regenerating Partic	
Interval Of Oil Change (OCS) Oxidation	Oil Change Interval (OCS); Dilution
Save Computer Data	Write Saved Data
Cylinder 1 Injector Code	Cylinder 2 Injector Code

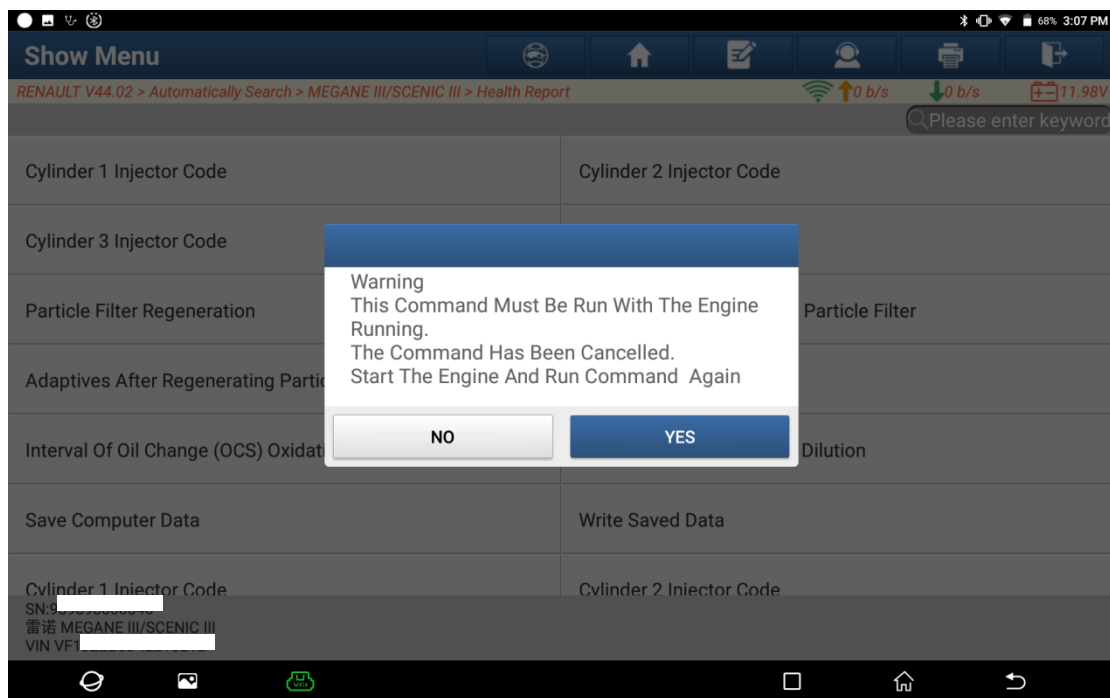
雷诺 MEGANE III/SCENIC III
VIN VF1JZ

The Command Lasts For At Least 30 Minutes
(Regeneration Time Will Be Increased By The
Coolant Heating Time).

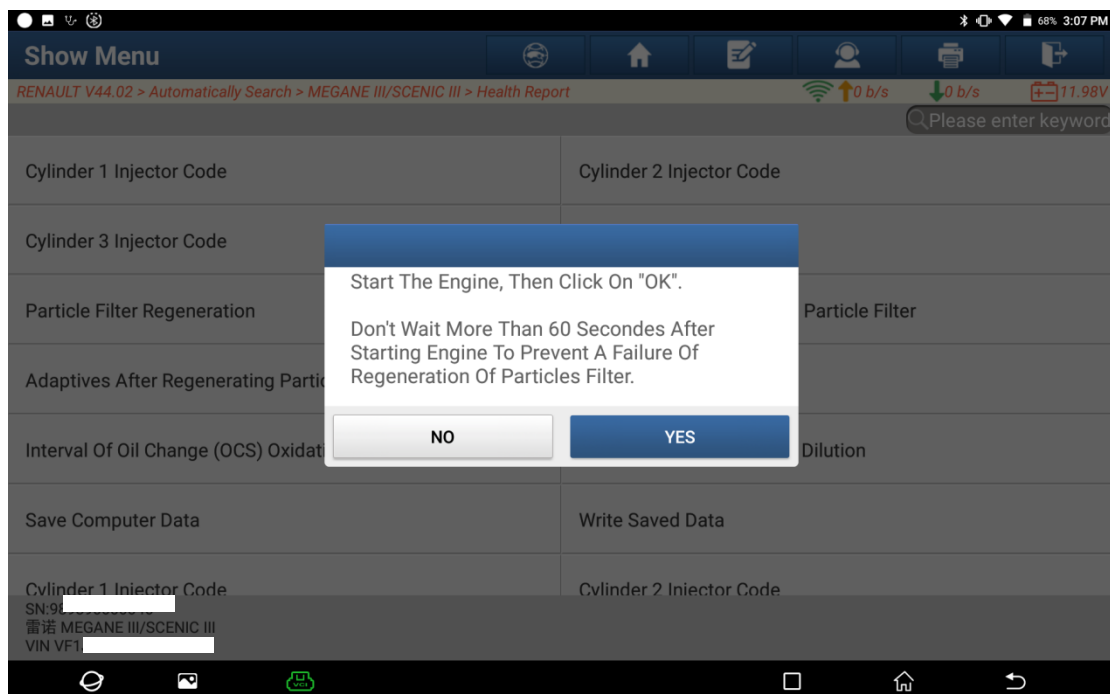
NO YES

The screenshot shows the Renault diagnostic software interface. At the top, there is a status bar with icons for battery, signal, and time (3:07 PM). Below the status bar, there is a navigation bar with icons for home, back, and other functions. The main area displays a list of diagnostic items, including "Cylinder 1 Injector Code", "Cylinder 3 Injector Code", "Particle Filter Regeneration", "Adaptives After Regenerating Partic", "Interval Of Oil Change (OCS) Oxidat", "Save Computer Data", "Cylinder 1 Injector Code", "Cylinder 2 Injector Code", and "VIN VF1JZ2". A warning dialog box is displayed in the center, with the title "Warning" and the following text: "It Is Essential To Switch Off All Electrical Consumers During The Regeneration Procedure." and "To Avoid Any Risk Of Engine Racing, It Is Essential To Check That The Oil Level Is Between The Minimum Mark And The Mid-Way Mark." The dialog box has two buttons: "NO" and "YES".

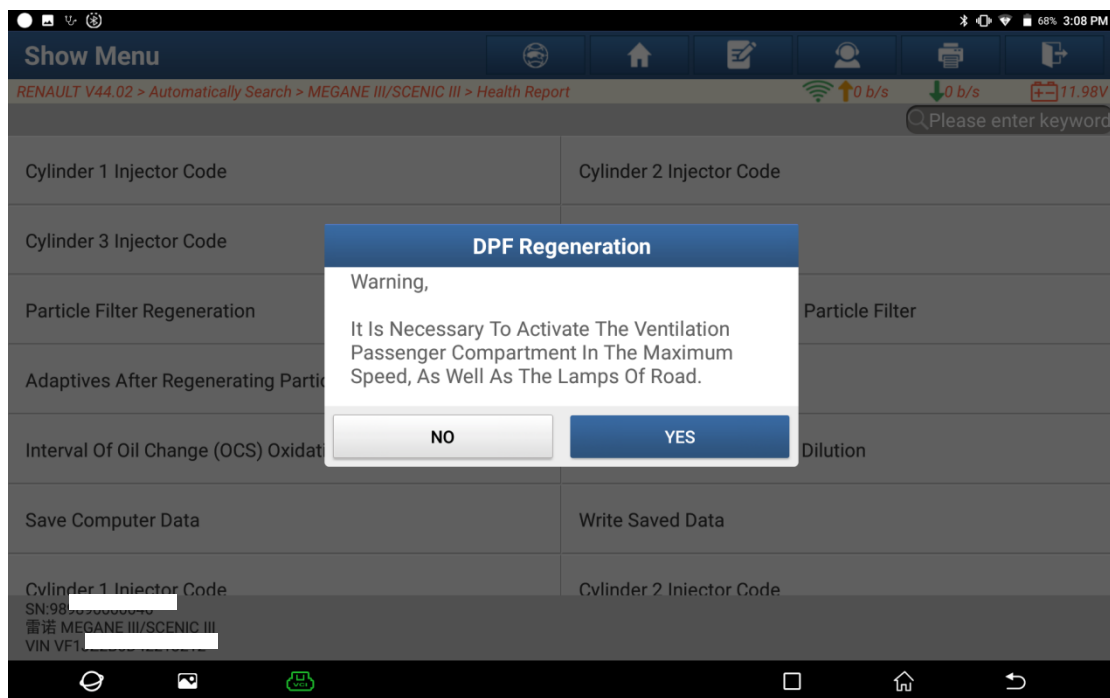
14. Click "YES".



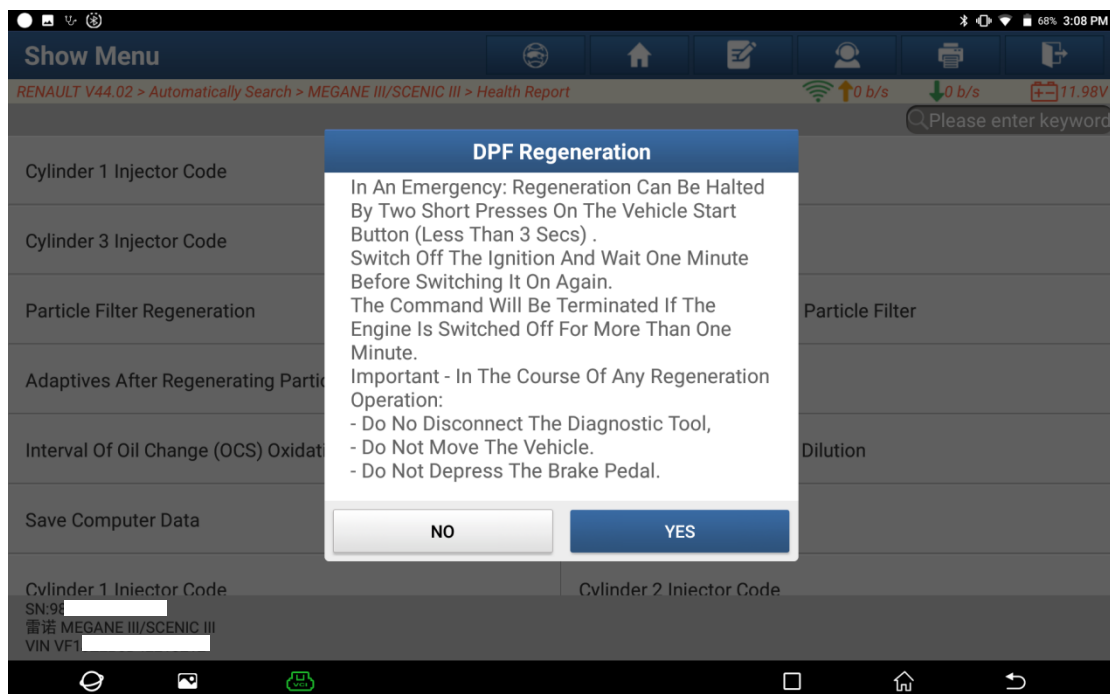
15. Click "YES".



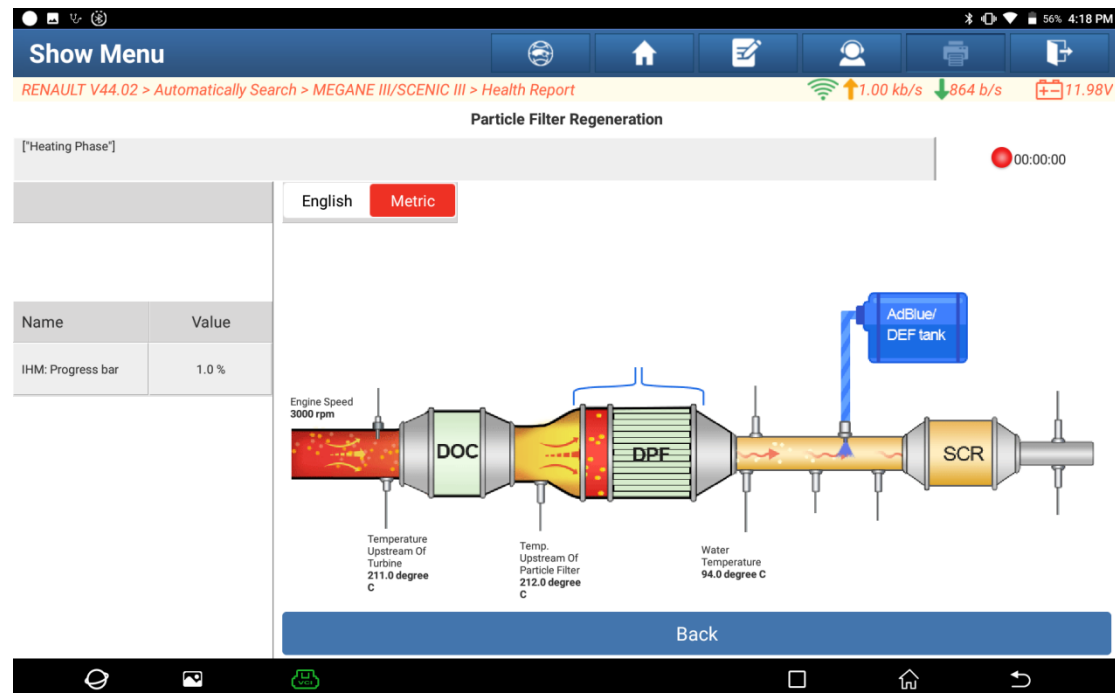
16. Click "YES".



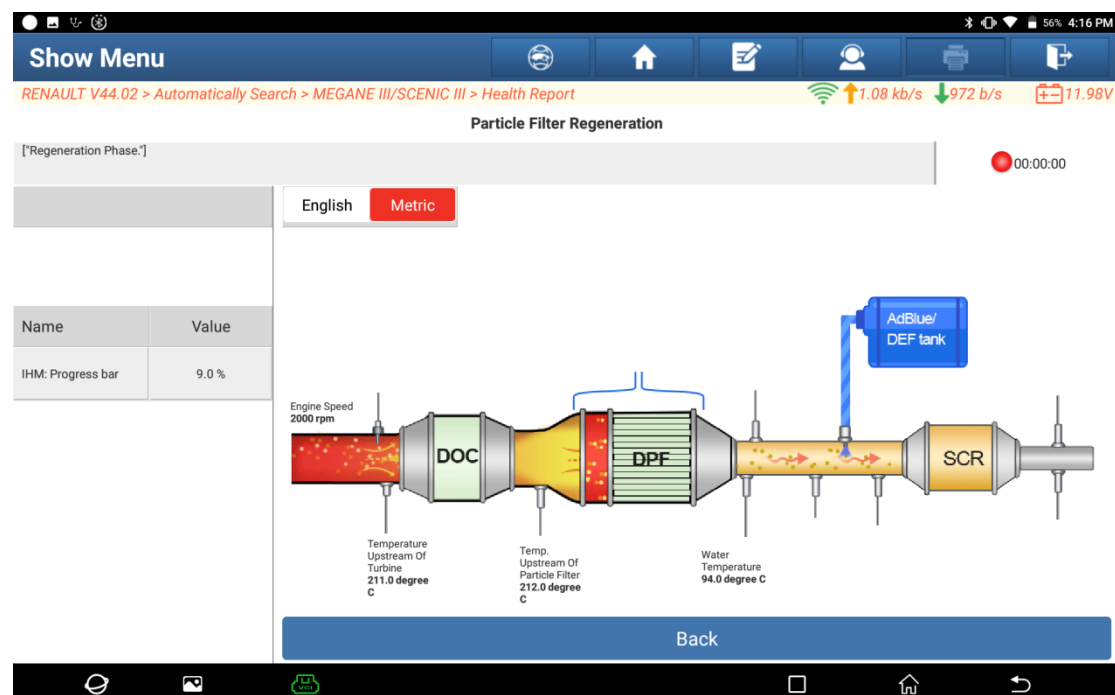
17. Click "YES".



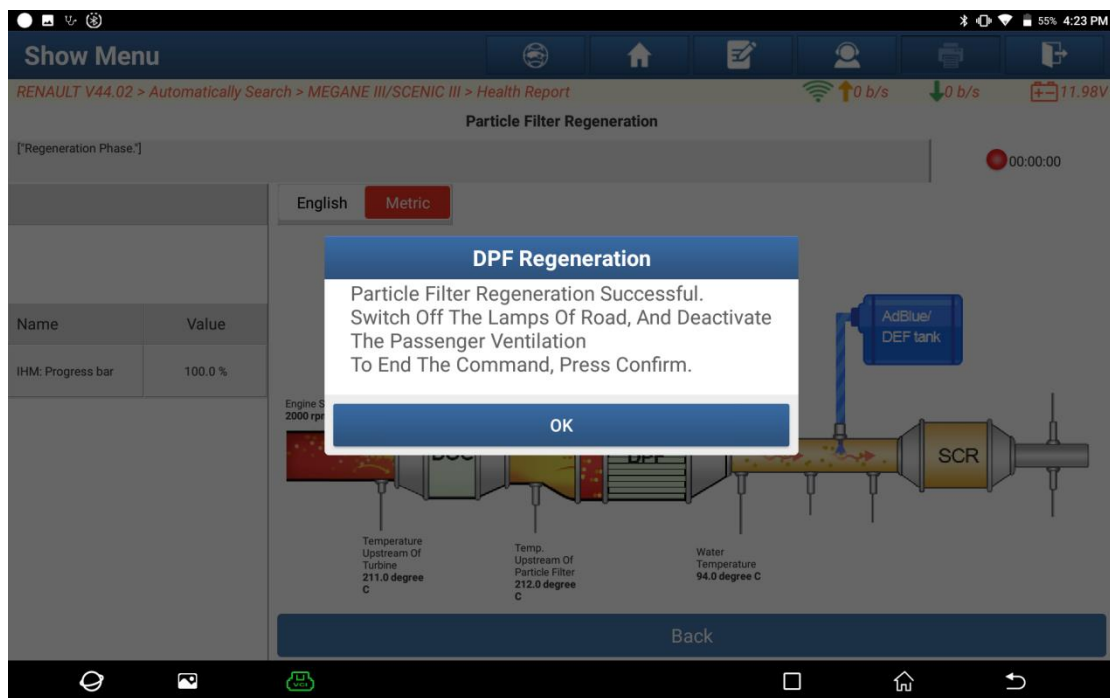
18. Enter the heating phase. The engine speed is 3000 rpm. Wait for a period of time.



19. Enter the regeneration phase. The engine speed is 2000 rpm. Wait for 30 minutes.



20. Function execution completed. Click "OK".



Statement:

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