

Write Resolver Value

Tested Model: TRUMPCHI Qi Zhi PHEV 2018

Function Description:

This function is used for the following situations on TRUMPCHI Qi Zhi PHEV 2018:

1. DTCs such as resolver value not written are retrieved via the diagnostic tool.
2. Motor-related components have been replaced.

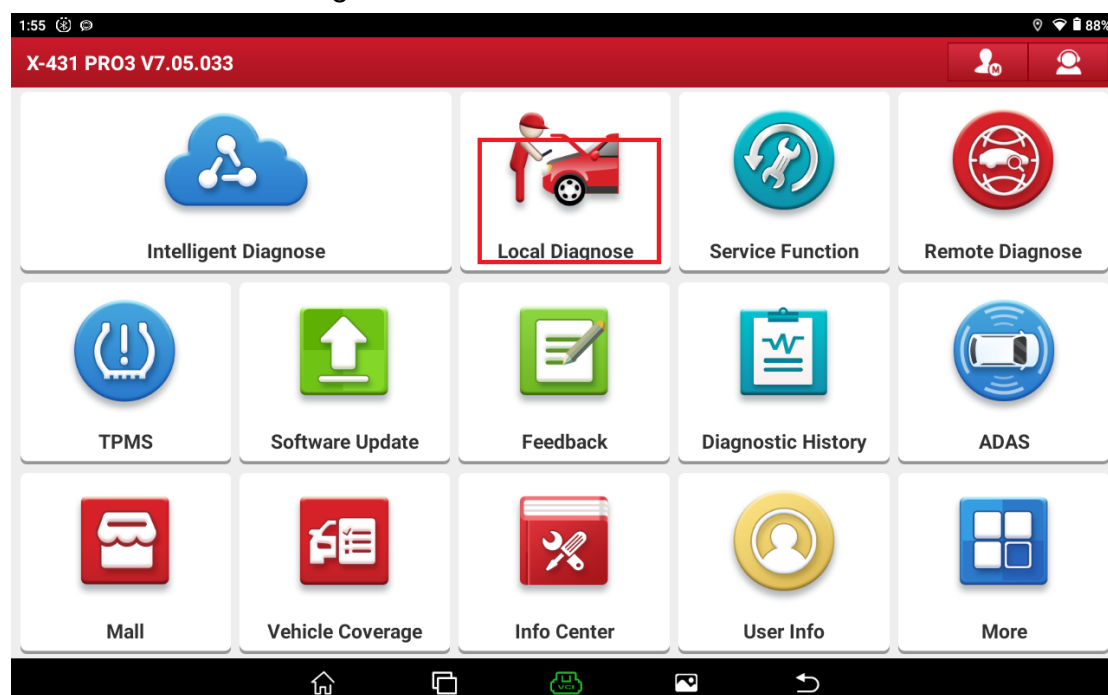
Supported Equipment: Launch PRO or PAD series comprehensive diagnostic equipment

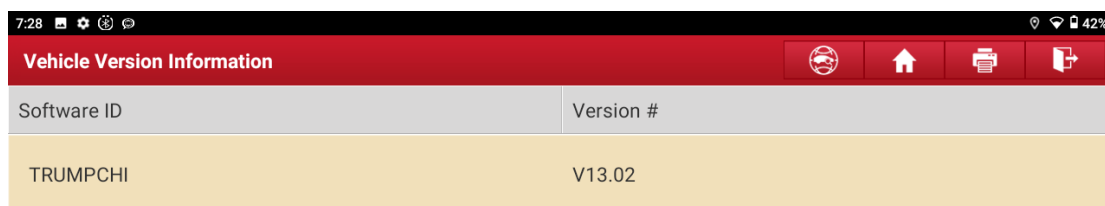
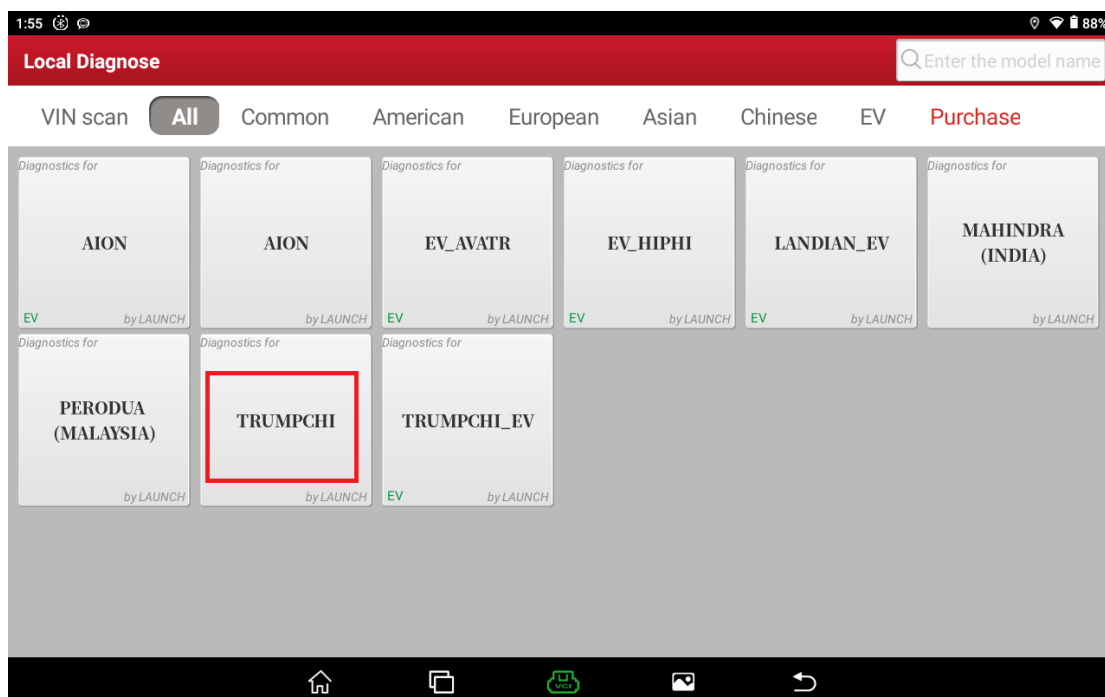
Execution Conditions:

- Connector connected and ignition switch ON
- Diagnostic tool connected to the network

Procedure:

1. On a PRO3S+, choose [Local Diagnose], choose [TRUMPCHI], and then click "OK" for testing.





GAC Trumpchi Diagnosis Program V13.02

UPDATE

Summary:

- Support for quick testing of version information and freeze-frame functionality on select products, along with software structure optimization.

New Functions:

- Support for quick testing of version information and freeze-frame functionality on select products.

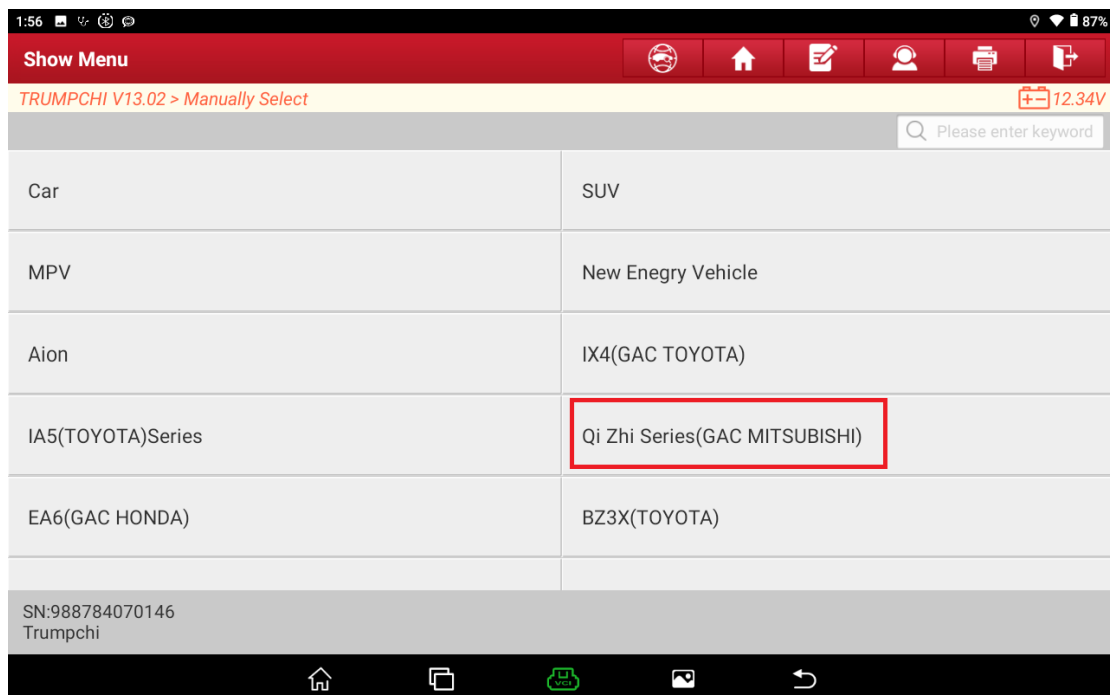
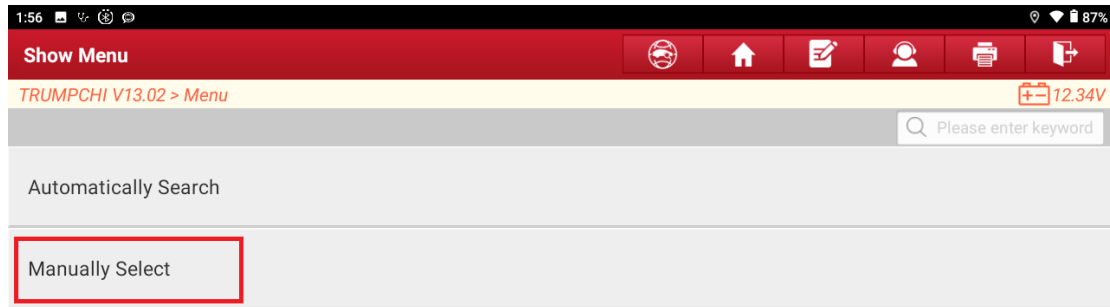
Optimized Functions:

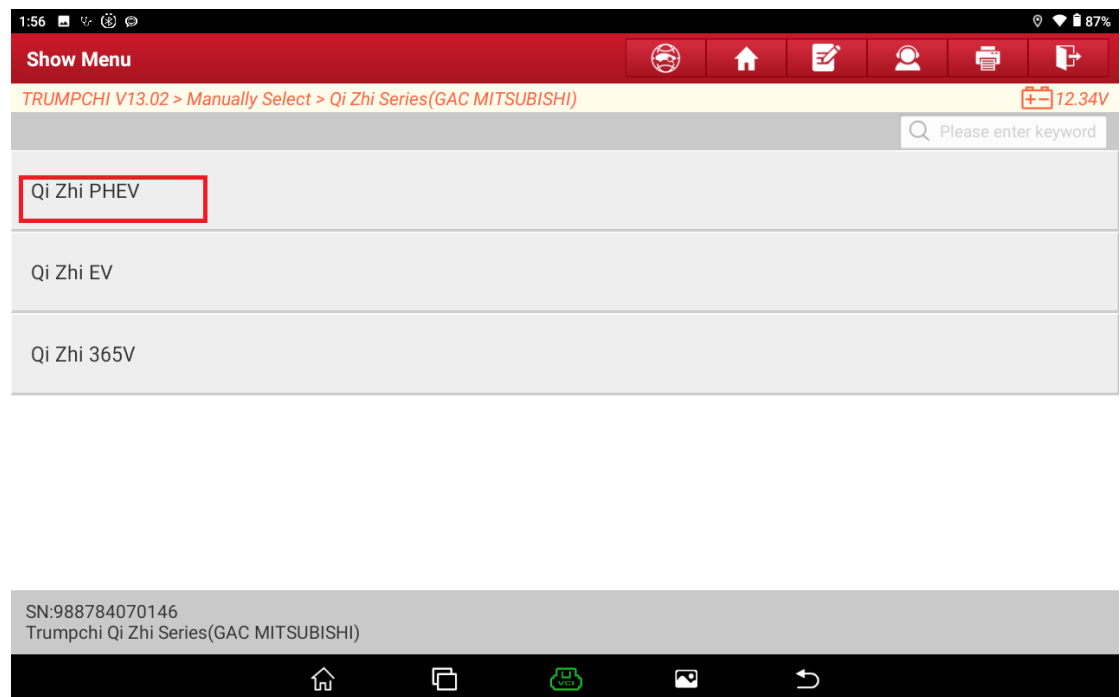
- software structure optimization

Fixed Bugs:



2. Choose [Manually Select] > [Qi Zhi Series (GAC MITSUBISHI)] > [Qi Zhi PHEV].





3. Choose [OPC] to enter the system and retrieve the resolver values.

The screenshot displays the Launch X431 diagnostic tool interface for a Trumpchi Qi Zhi PHEV. The top status bar shows the time as 2:00 and battery level at 87%. The main menu includes 'System and Function', 'System Topology', 'System List', and 'Commonly used special function'. The vehicle information section shows 'TRUMPCHI V13.02 > Manually Select > Qi Zhi Series(GAC MITSUBISHI) > Qi Zhi PHEV' with a battery voltage of 12.30V.

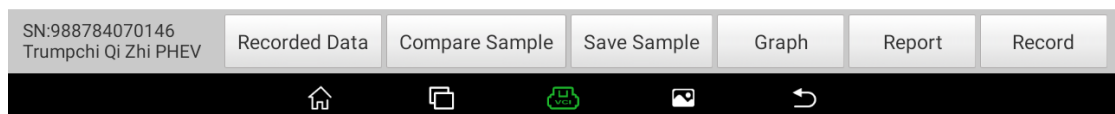
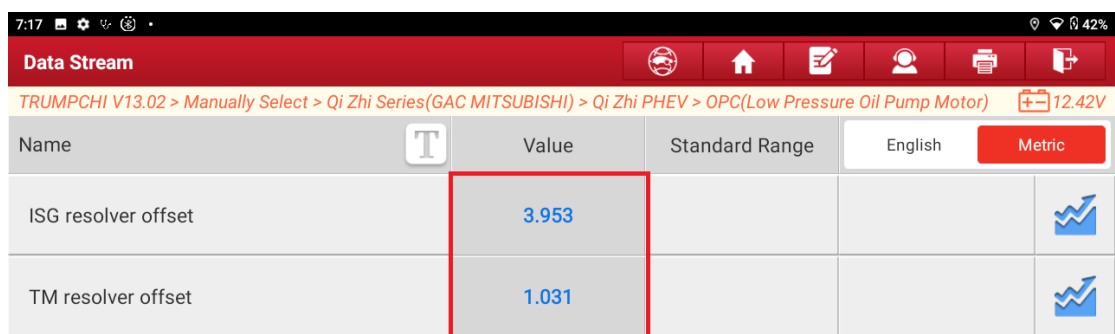
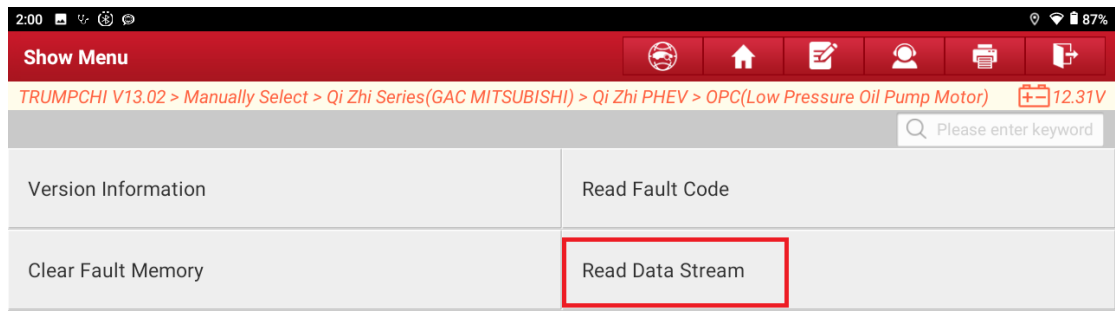
The system topology diagram shows various components connected to the OBD. The OPC (Low Pressure Oil Pump Motor) is highlighted in the diagram. Below the diagram, the OPC is selected, and the 'ENTER' button is highlighted in a red box.

SN:988784070146
Trumpchi Qi Zhi PHEV

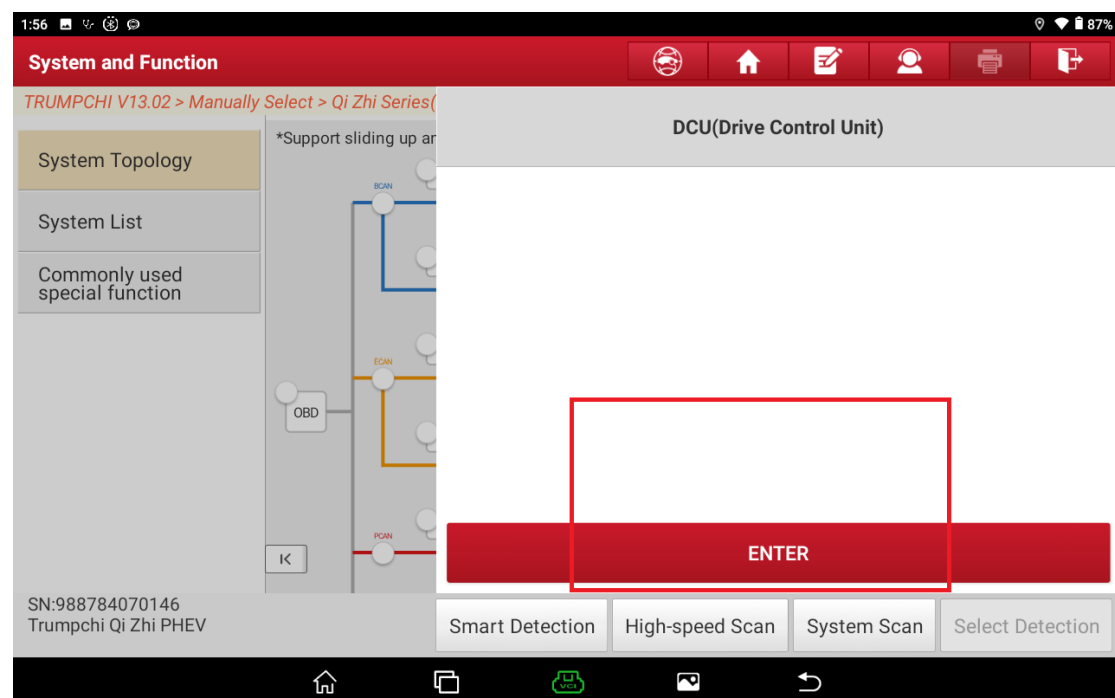
Smart Detection High-speed Scan System Scan Select Detection

OPC(Low Pressure Oil Pump Motor)

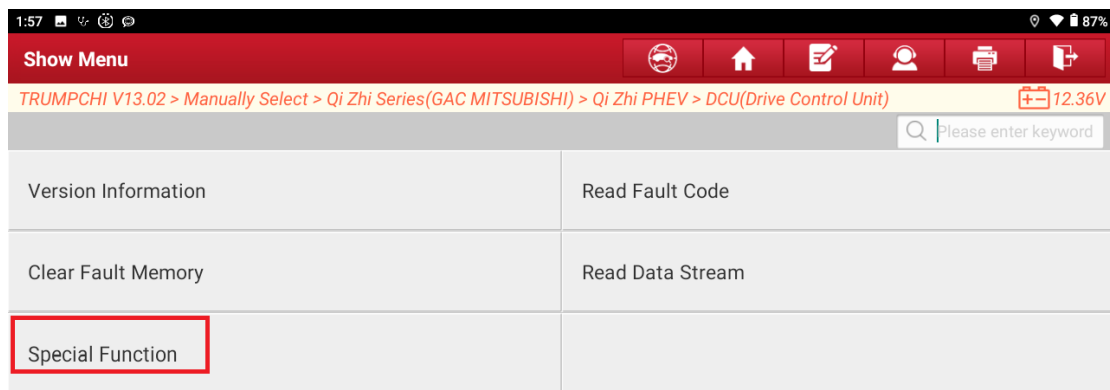
ENTER



4. Choose [DCU] to enter the system.



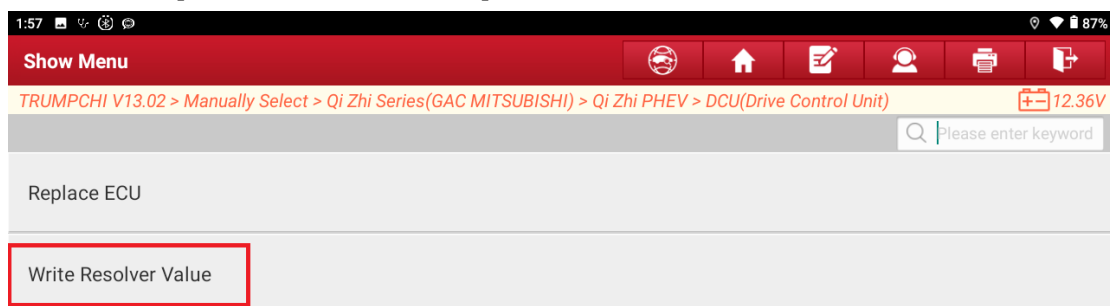
5. Choose [Special Function].



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Trumpchi Qi Zhi PHEV



6. Choose [Write Resolver Value].

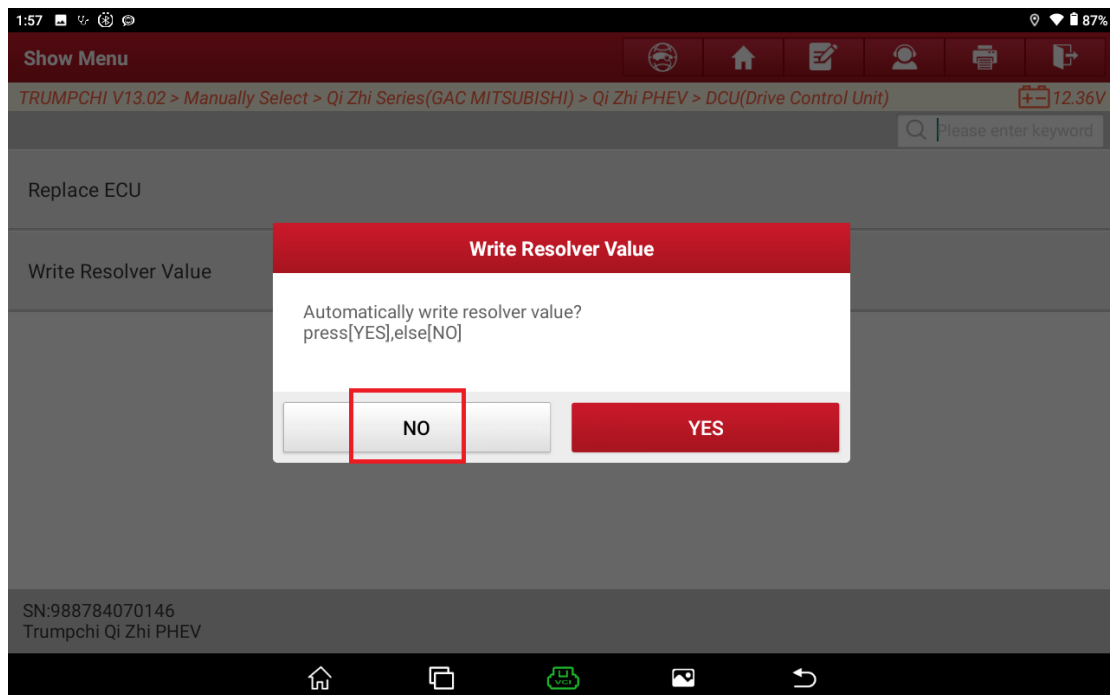


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Trumpchi Qi Zhi PHEV

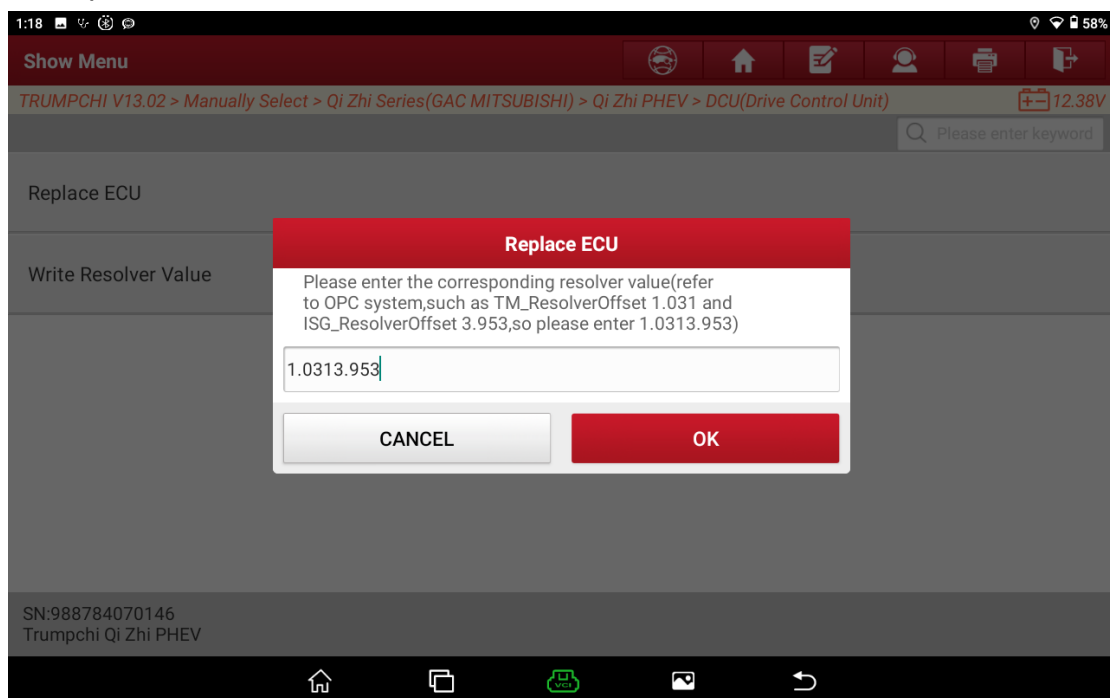


7. Select either automatic writing or manual writing. If automatic writing is selected, skip the following steps and refer directly to step 8; for manual writing, refer to the steps below:

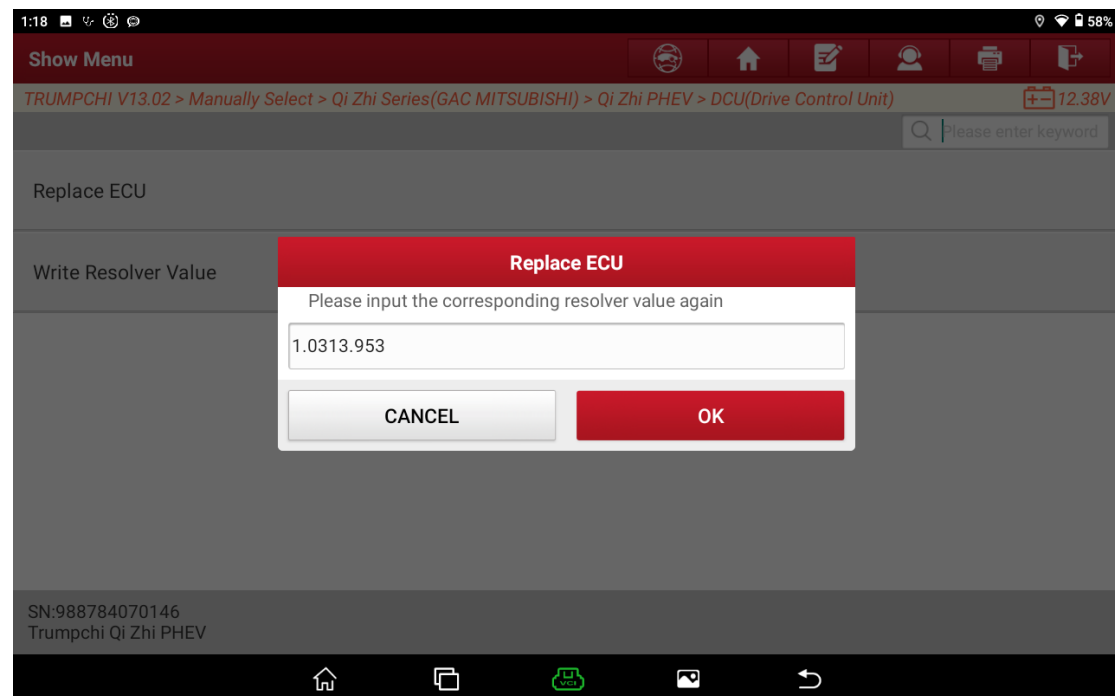
(1) Click "NO".



(2) Enter the resolver values read from the OPC (Low Pressure Oil Pump Motor) data streams.

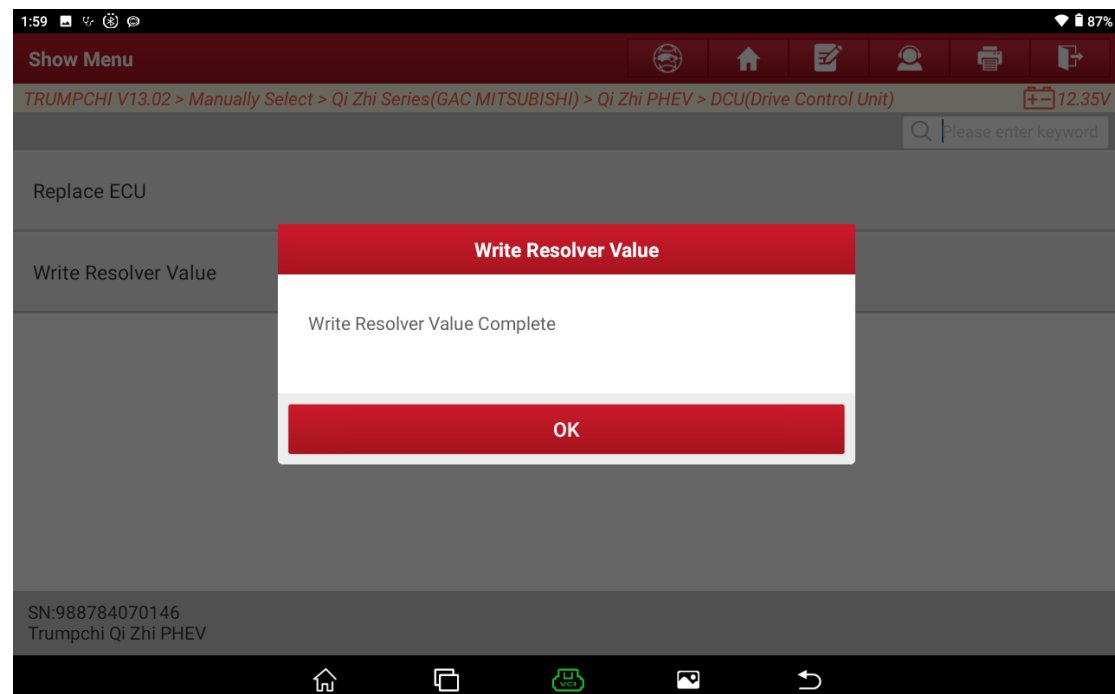


(3) Enter the values a second time to prevent input errors.



(4) After entering the values again, click "OK".

8. Function execution completed.



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