

Volvo Smart Key Matching

Tested Model: Volvo XC40 2020

Function Description:

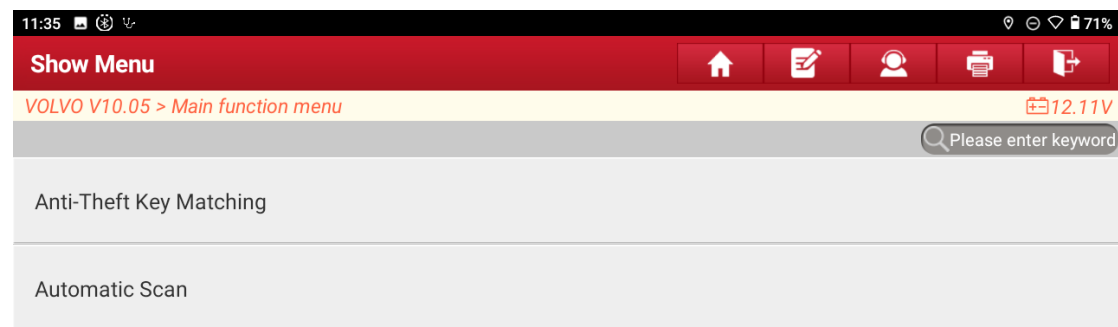
Smart key matching

Supported Equipment:

- Launch X-431 IMMO Pro and comprehensive diagnostic equipment equipped with G3/G5

Procedure:

1. On an IMMO Pro, enter the Volvo IMMO menu and choose [Anti-Theft Key Matching].



2. Choose [XC40].

11:35 100% 71%

Show Menu

VOLVO V10.05 > Anti-Theft Key Matching 12.11V

Please enter keyword

V70	V90
XC40	XC40 BEV
XC60	XC60 Hybrid
XC70	XC90
XC90 Hybrid	

Home Copy VCI Print Back

3. Choose [2022-].

11:35 100% 71%

Show Menu

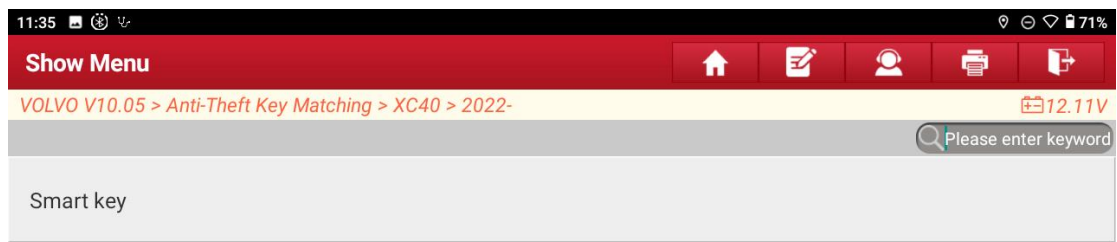
VOLVO V10.05 > Anti-Theft Key Matching > XC40 12.11V

Please enter keyword

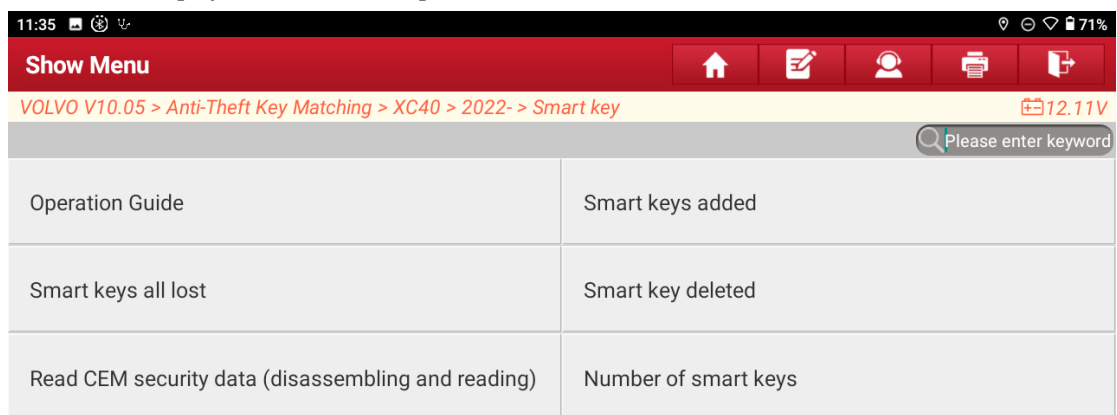
2018-2021
2022-

Home Copy VCI Print Back

4. Choose [Smart key].



5. Choose [Operation Guide].



6. Follow the guide to remove and weld the CEM module, and then click "OK".

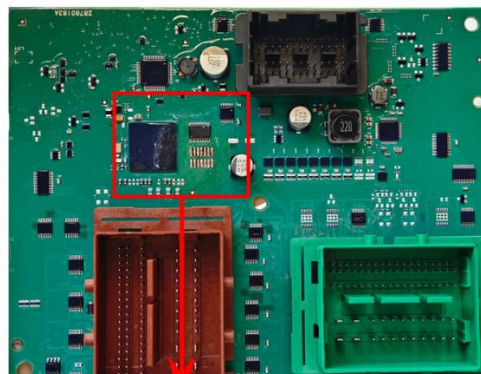


[Read CEM security data (disassembling and reading)]

- 1 .The CEM module is located at the lower left of the vehicle steering wheel.



CEM-TYPE-5-5748G

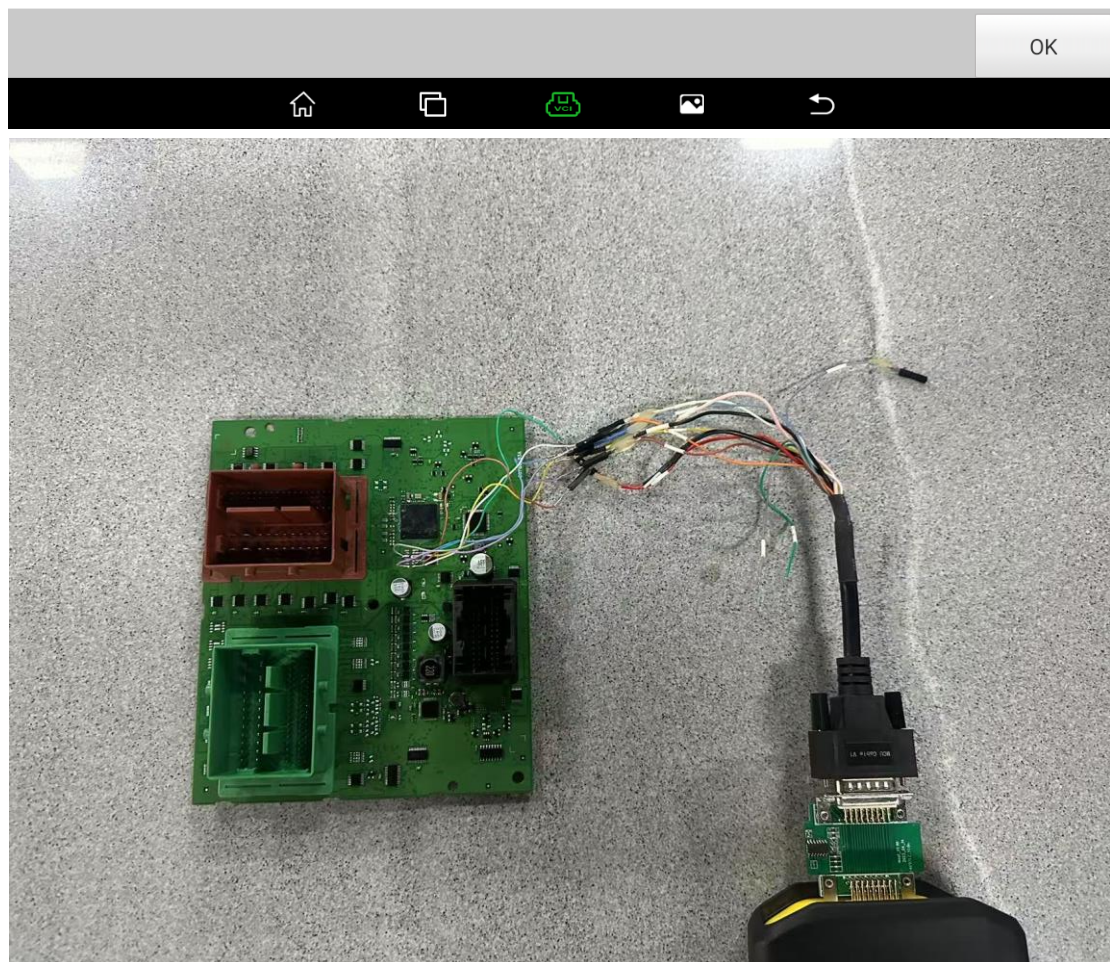




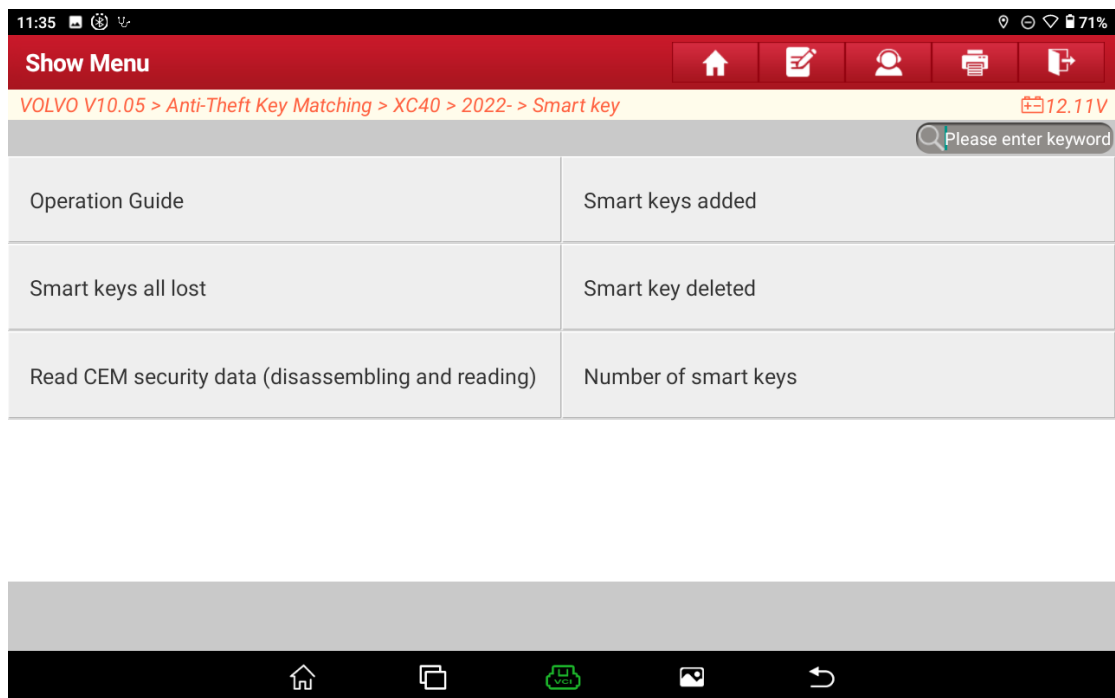
Anti-theft Execution Process

- This process is a general process of matching smart keys:
- 1 .Please read the operation introduction and precautions of this operation guide to understand what to pay attention to during the matching process.
- 2 .Remove original CEM module, connect G3 immobilizer programmer according to the wiring method provided by this operation guide, read the data of corresponding module through the function of [Read CEM Security Data (disassembling and reading)].
- 3 .After the original module was installed back into the vehicle, perform [Smart Key Added] or [Smart Keys All Lost] function, it will prompt to load the related data read in step 2 during the function, please follow the steps.

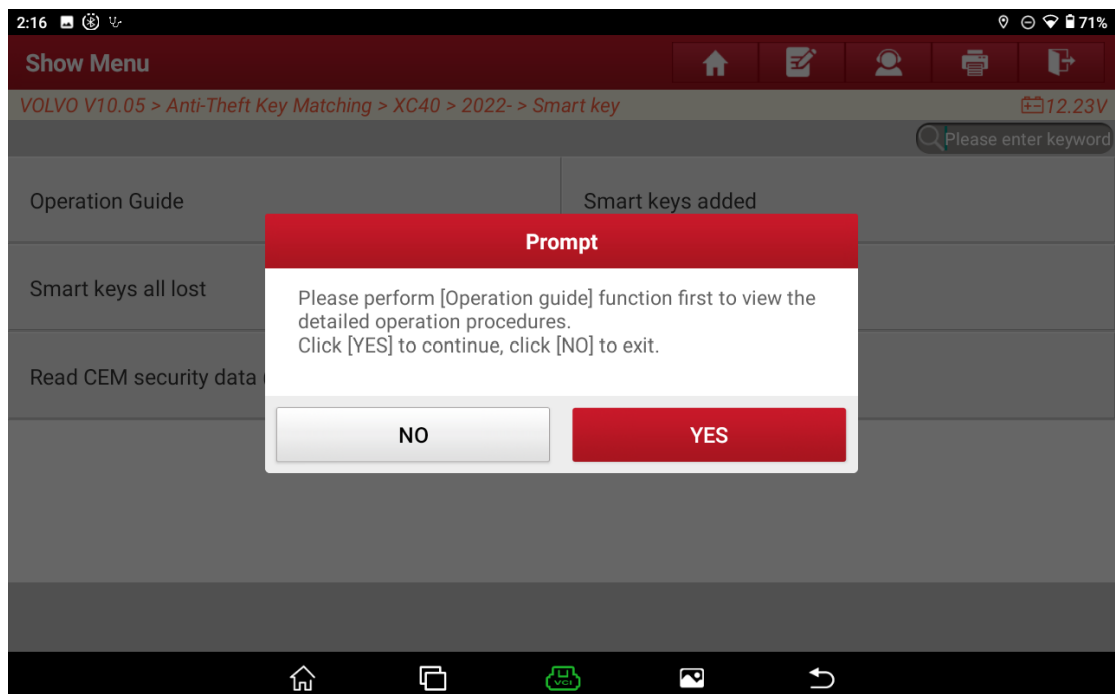
Precautions



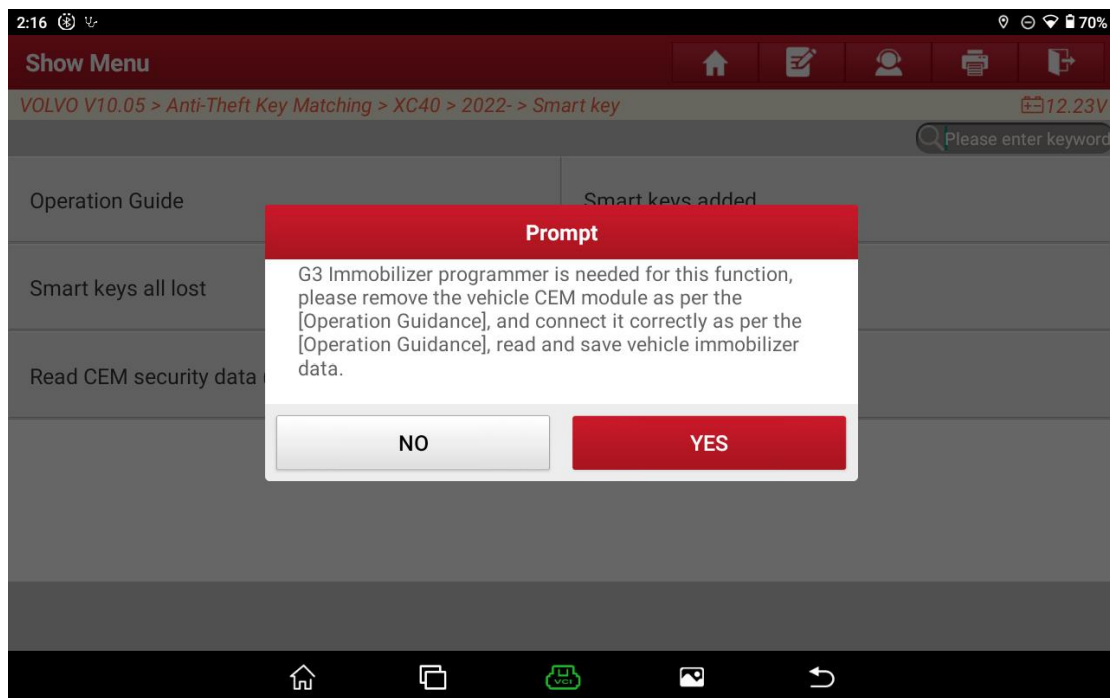
7. Choose [Read CEM security data (disassembling and reading)].



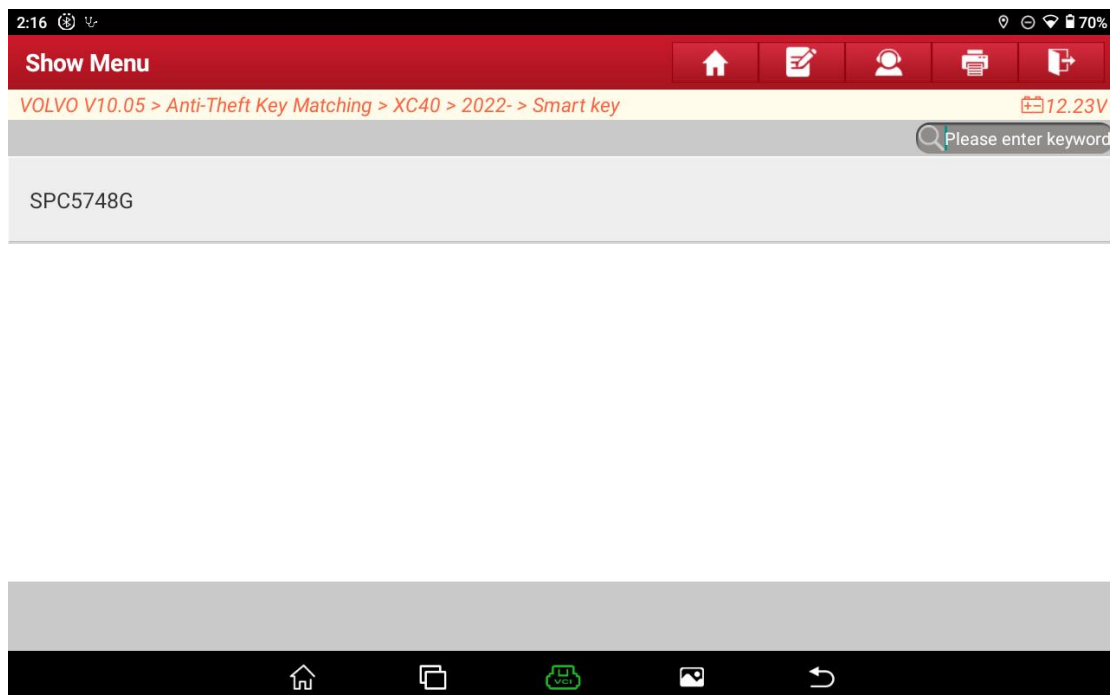
8. Click "YES".



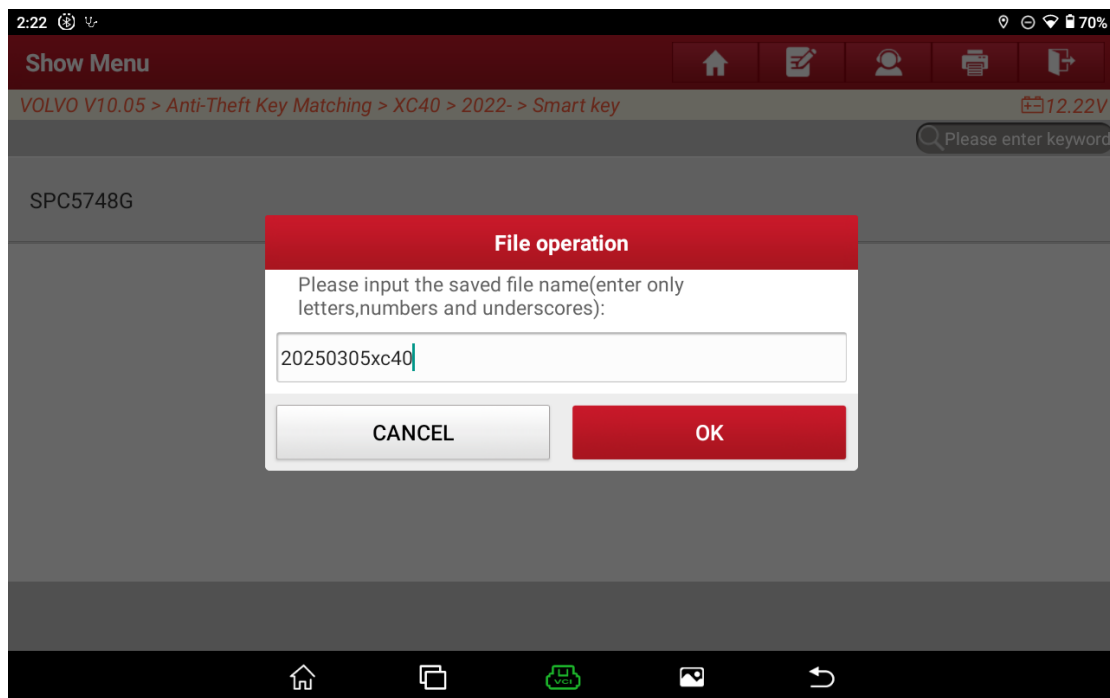
9. Click "YES".



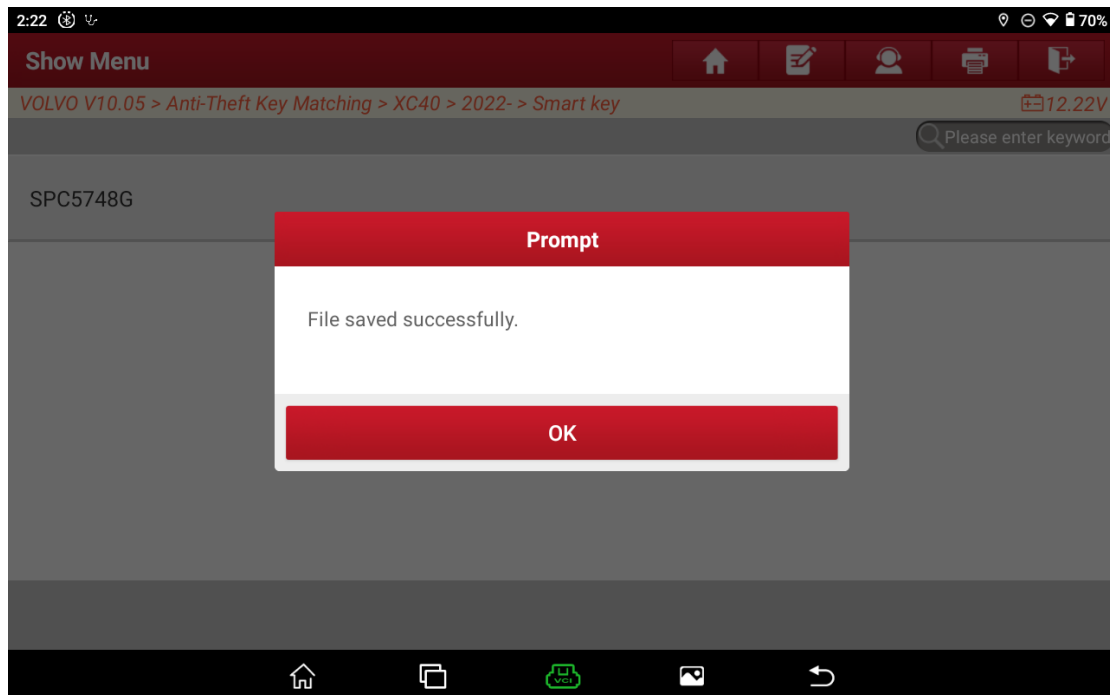
10. Choose [SPC5748G].



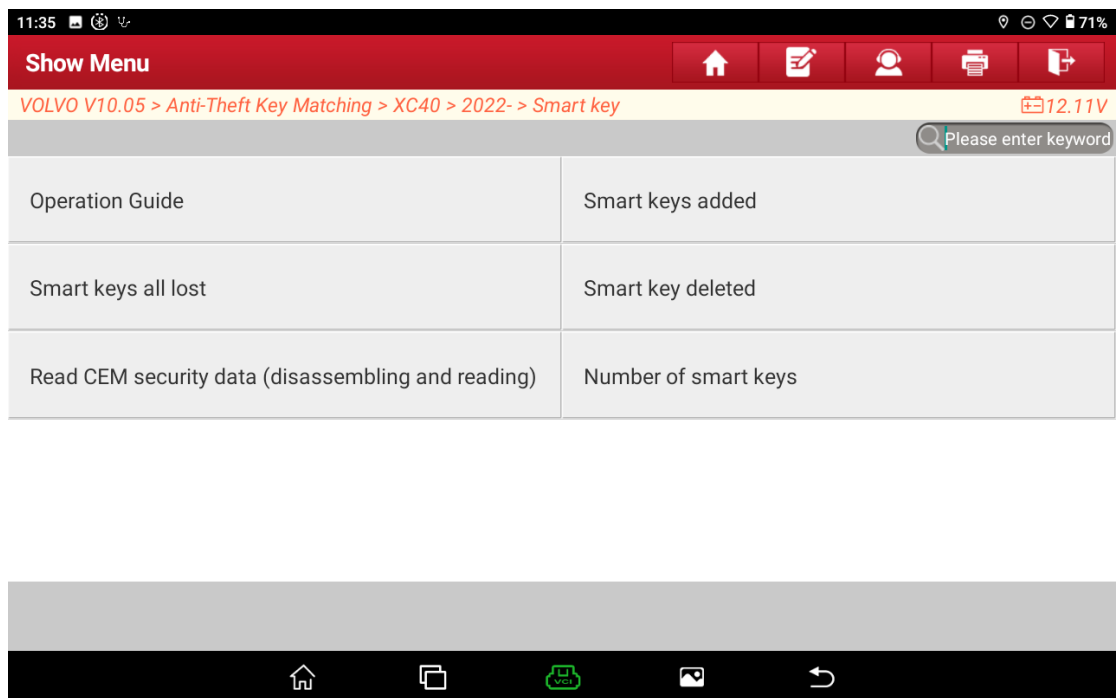
11. Click "OK".



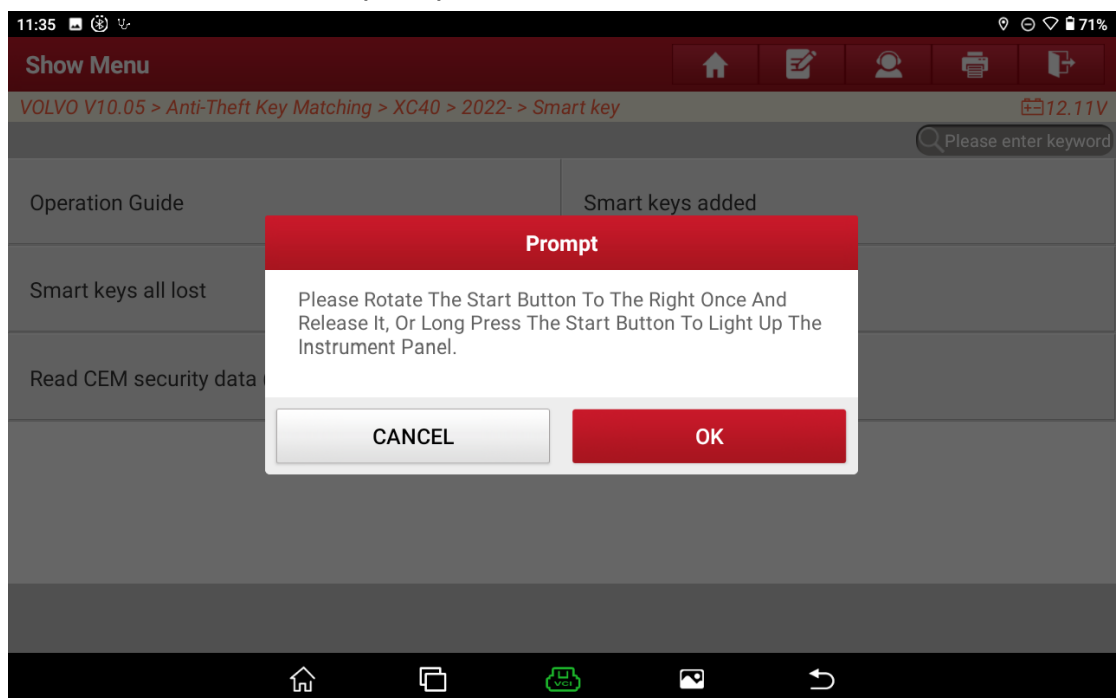
12. Click "OK" to save the file.



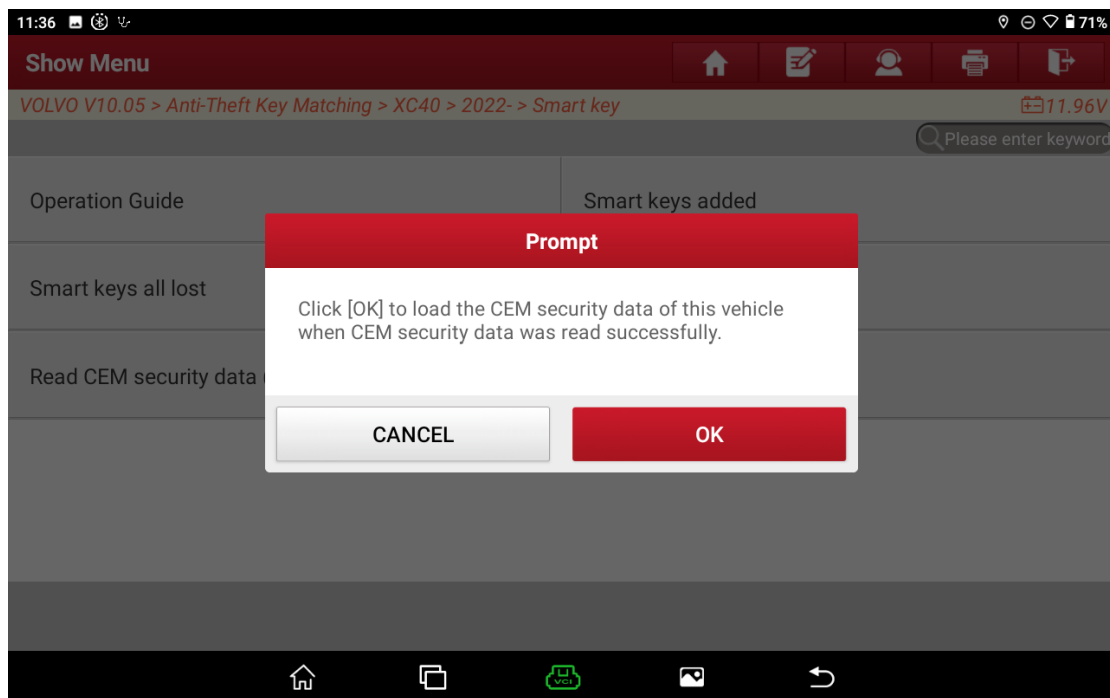
13. Reinstall the module in the vehicle and choose [Smart keys added].



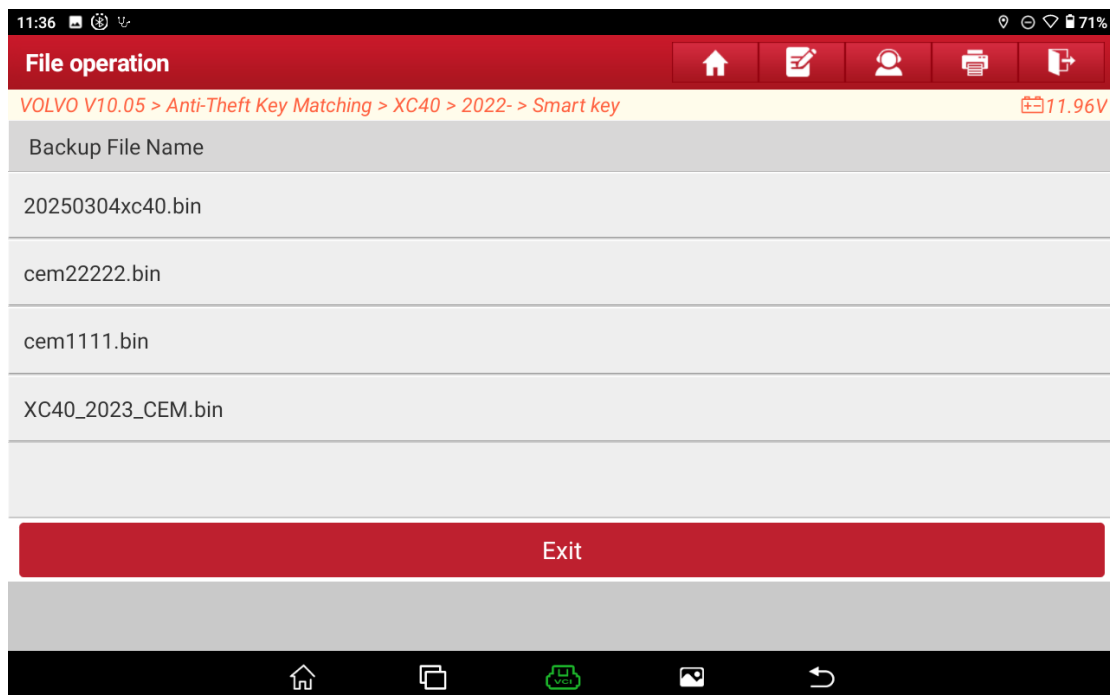
14. Follow the on-screen prompts and click "OK".



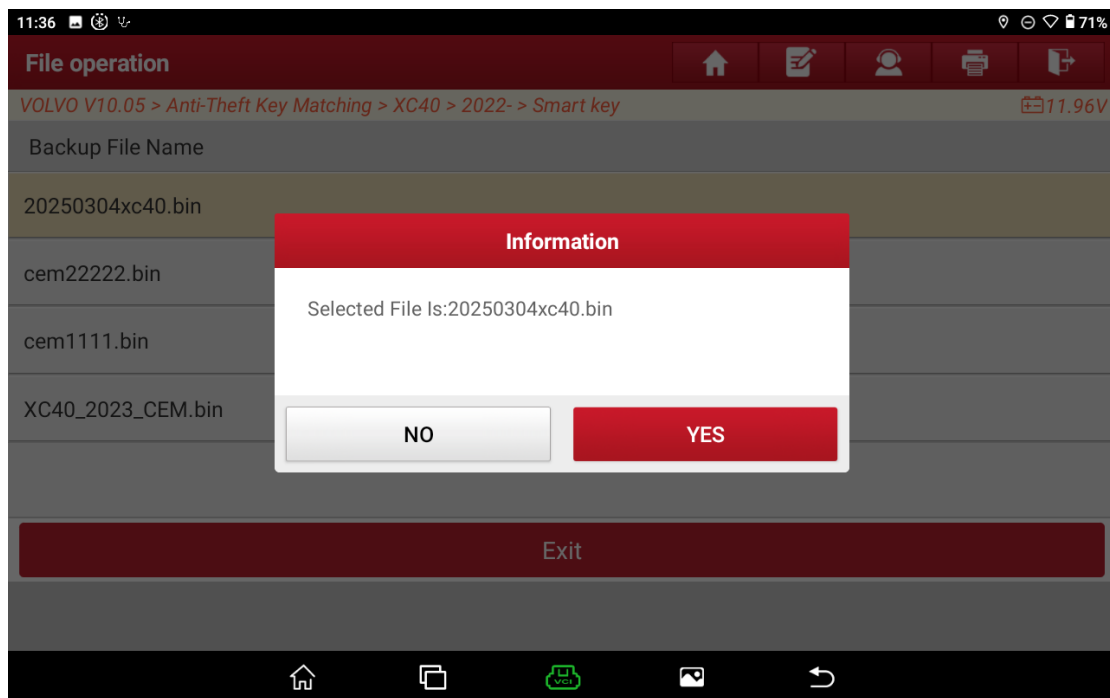
15. Click "OK".



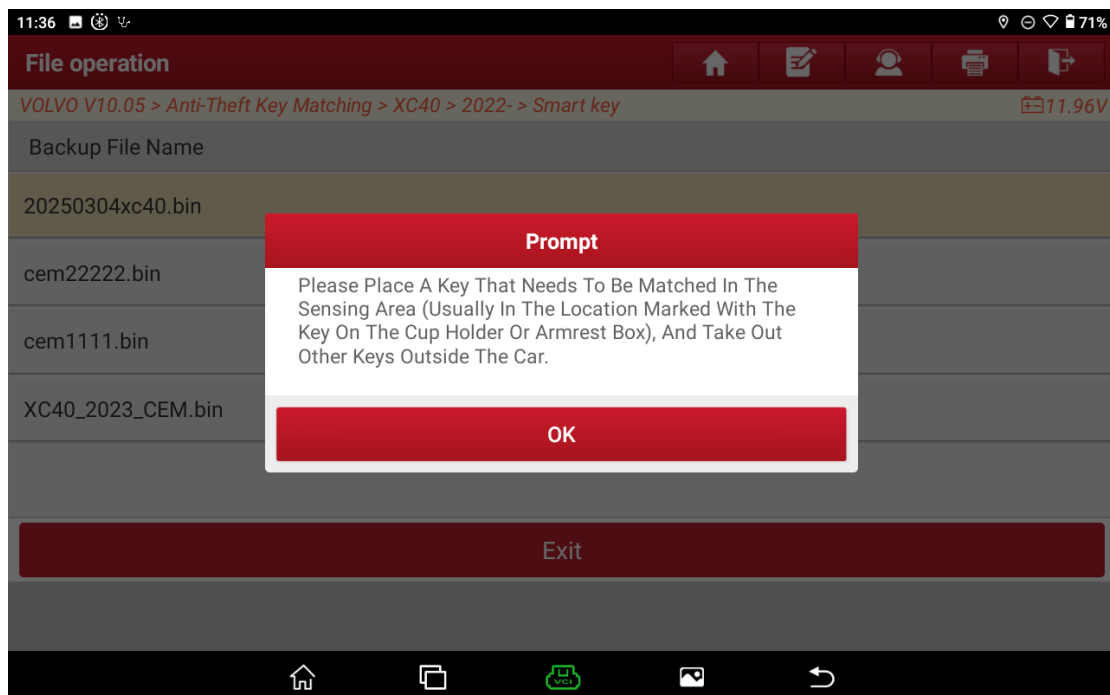
16. Choose the data read previously.



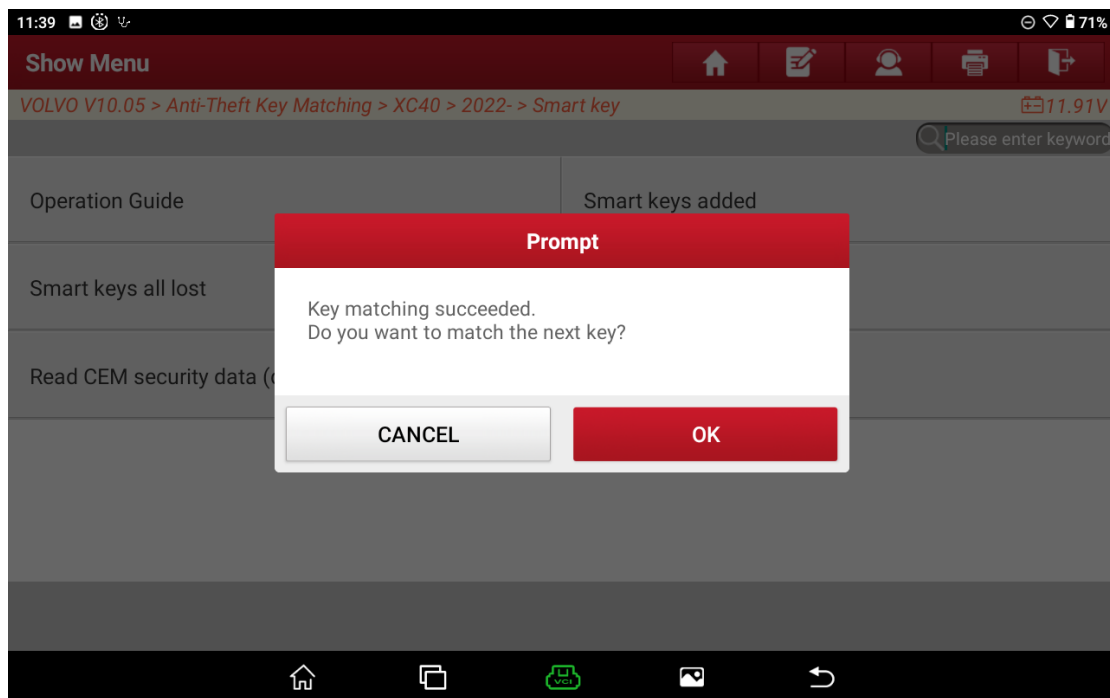
17. Click "YES".



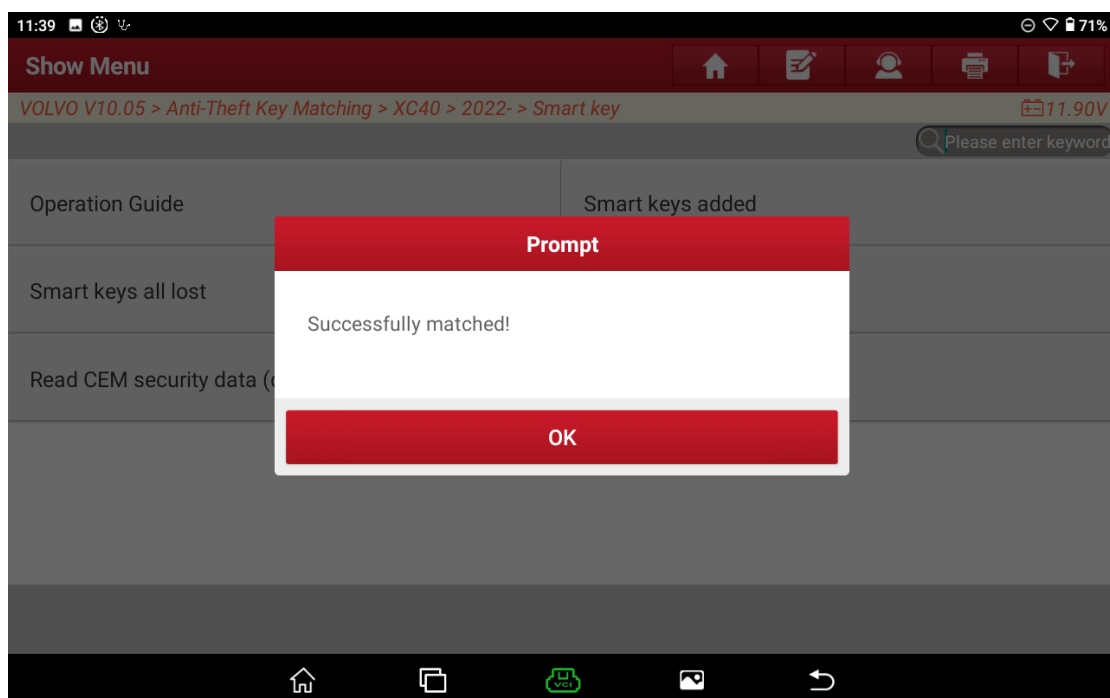
18. Place the key to be matched in the designated position (keep the other key outside the vehicle) and then click "OK".



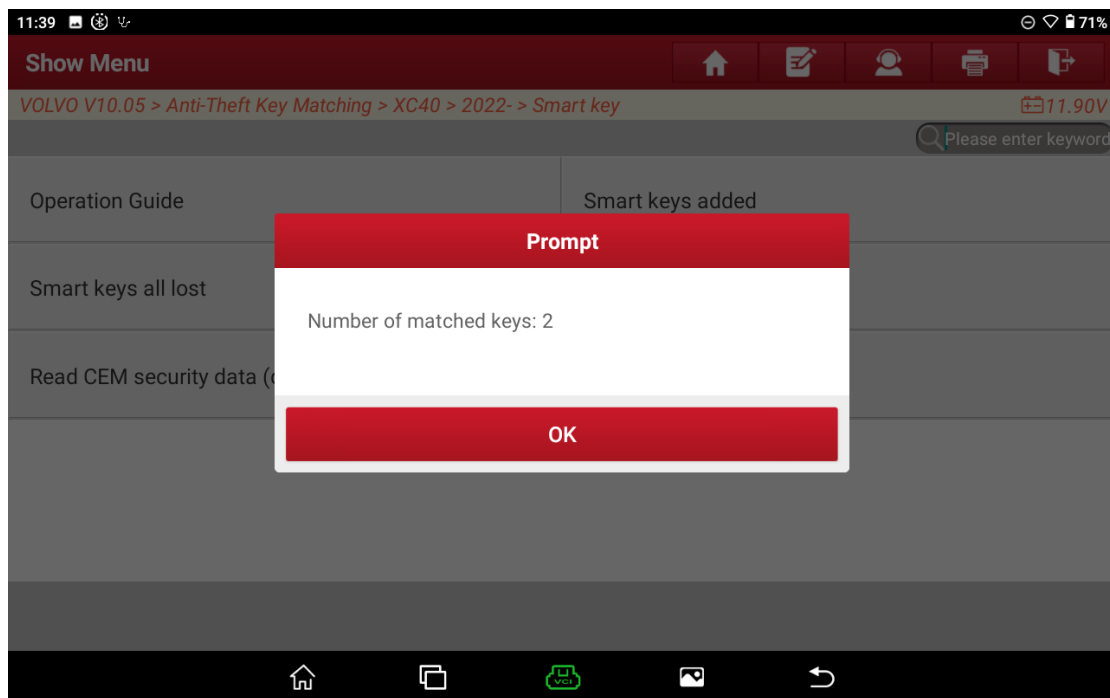
19. First key matched successfully.



20. Click "OK".



21. Key matching completed.



Statement:

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