

Audi A6L 44 Power Steering Online Programming and Online Parametric Configuration

Function description: The 44 power steering system of Audi A6L has a DTC B200049 Faulty Control Module. You can try to perform the online programming and online parametric configuration functions first.

Supported products: Launch PADIII, PADV, PADVII and other comprehensive diagnostic equipment that support programming functions
The yellow steering wheel MIL on the instrument panel turns on. (See the following figure.)



Procedure:

1. Save the fault report. The 44 power steering system has a DTC B200049 Faulty Control Module. (See the following figure.)

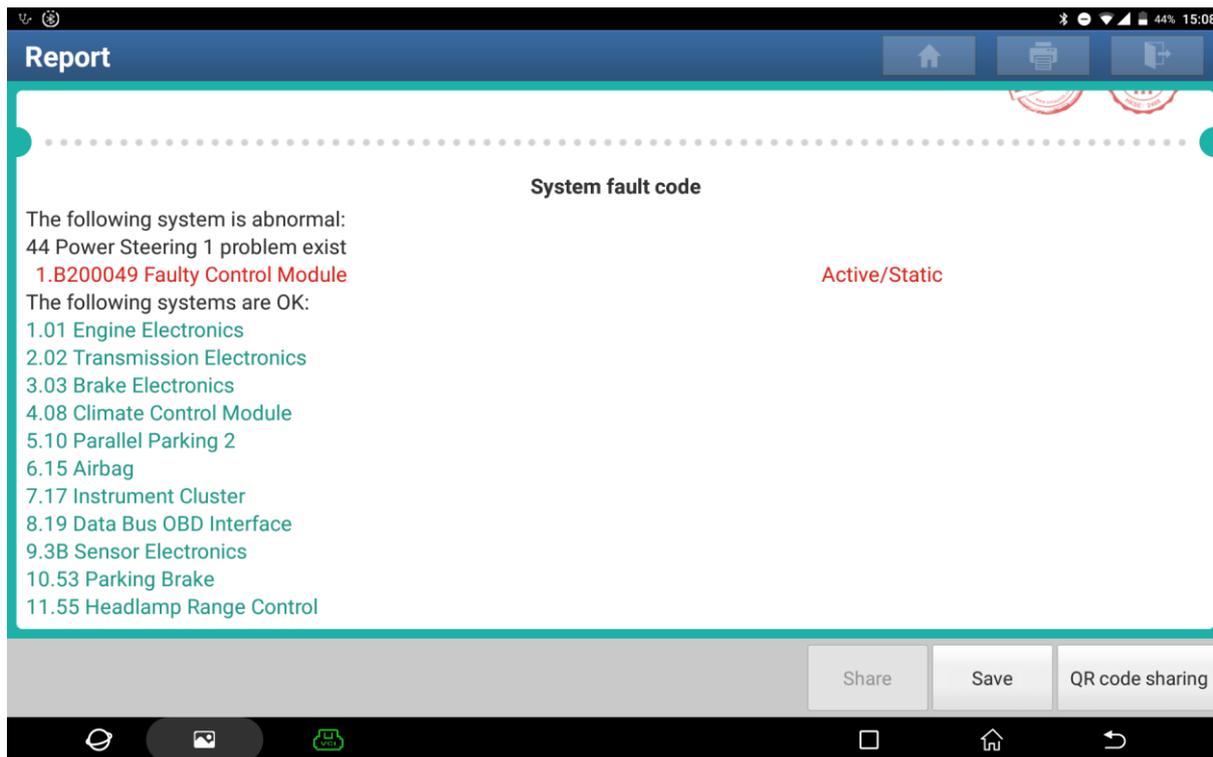


Figure 1

2. Choose [Online Function]. (See the following figure.)

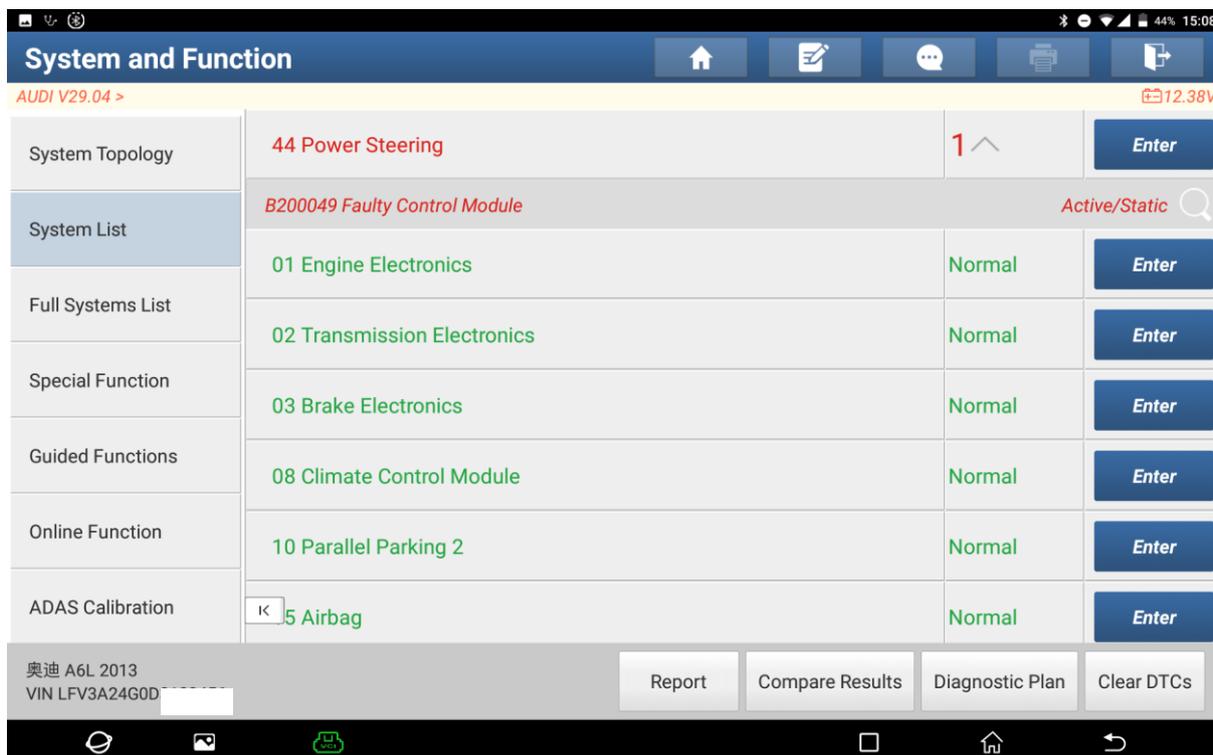


Figure 2

3. Choose [Online Programming]. (See the following figure.)

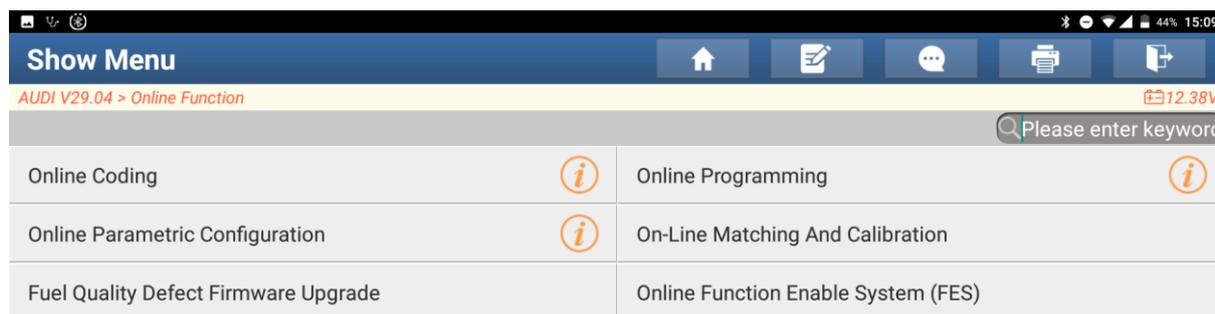


Figure 3

4. Read the disclaimer carefully and click OK. (See the following figure.)

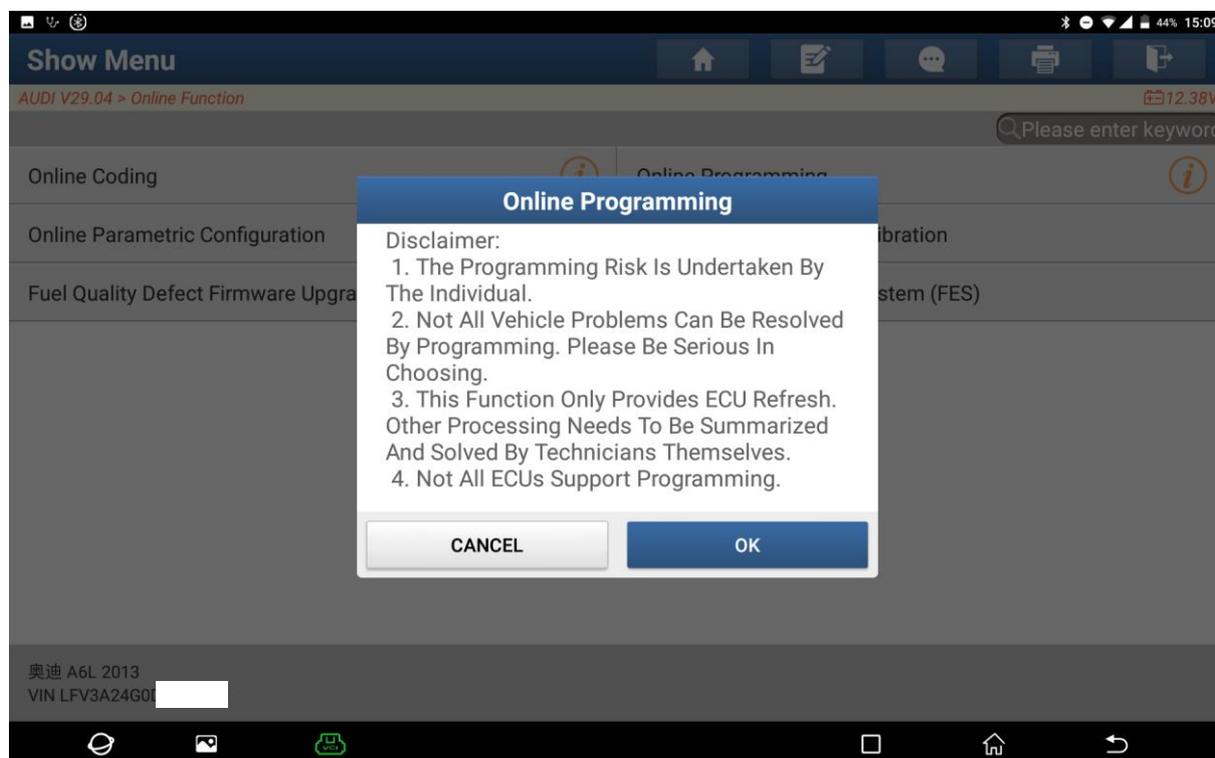


Figure 4

5. Confirm that the programming conditions are met. Click OK. (See the following figure.)

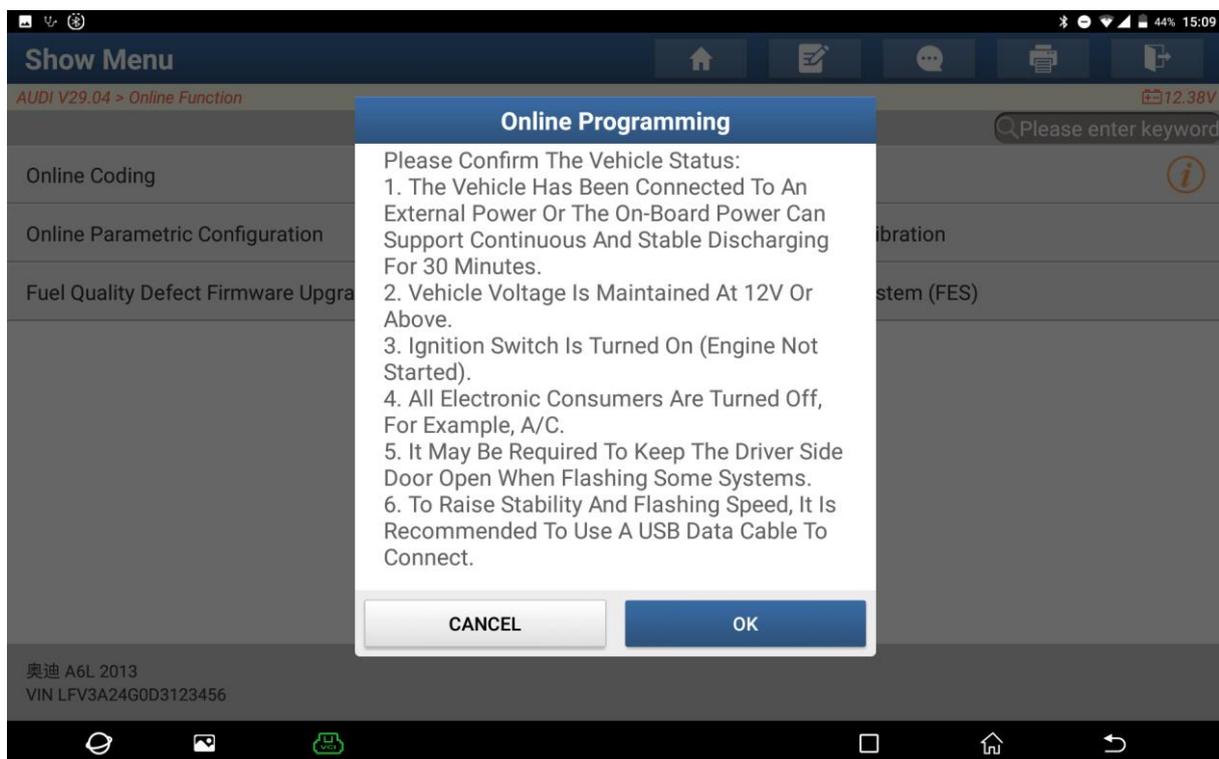


Figure 5

6. Choose [Automatic Mode]. (See the following figure.)

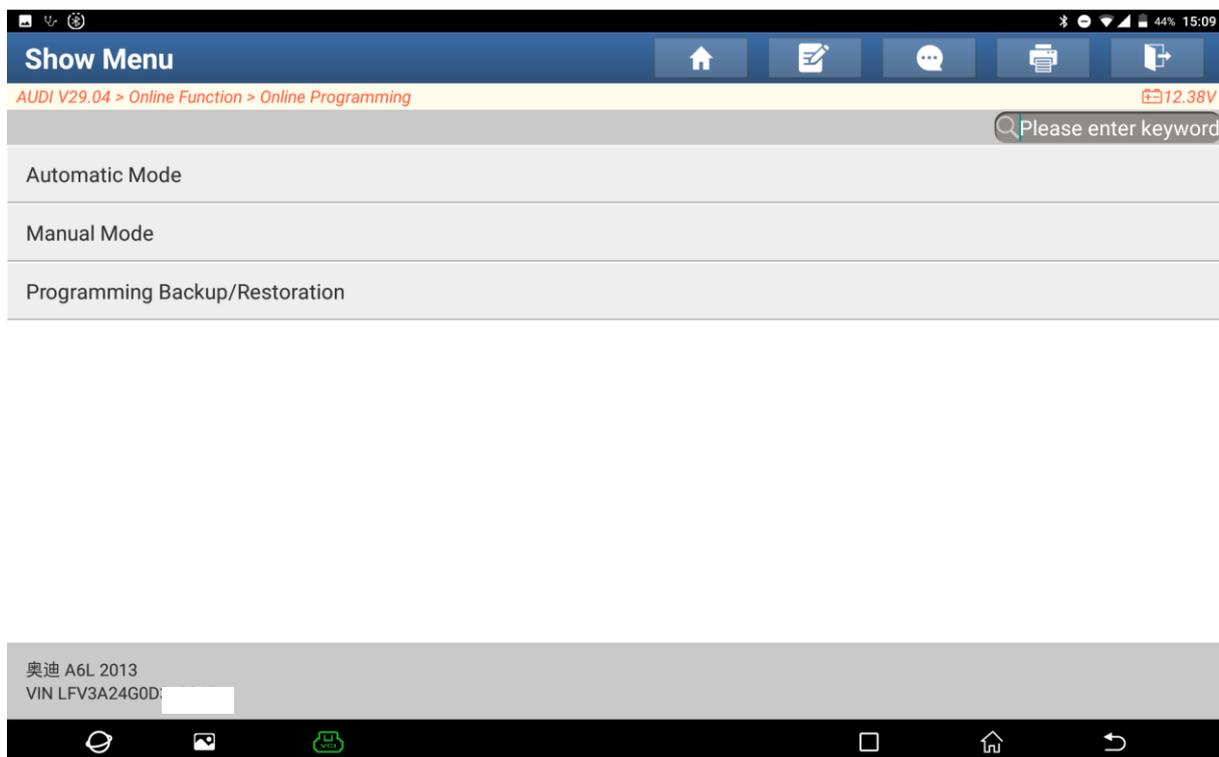


Figure 6

7. Choose [44 Power Steering] and click [Click to Program]. (See the following figure.)

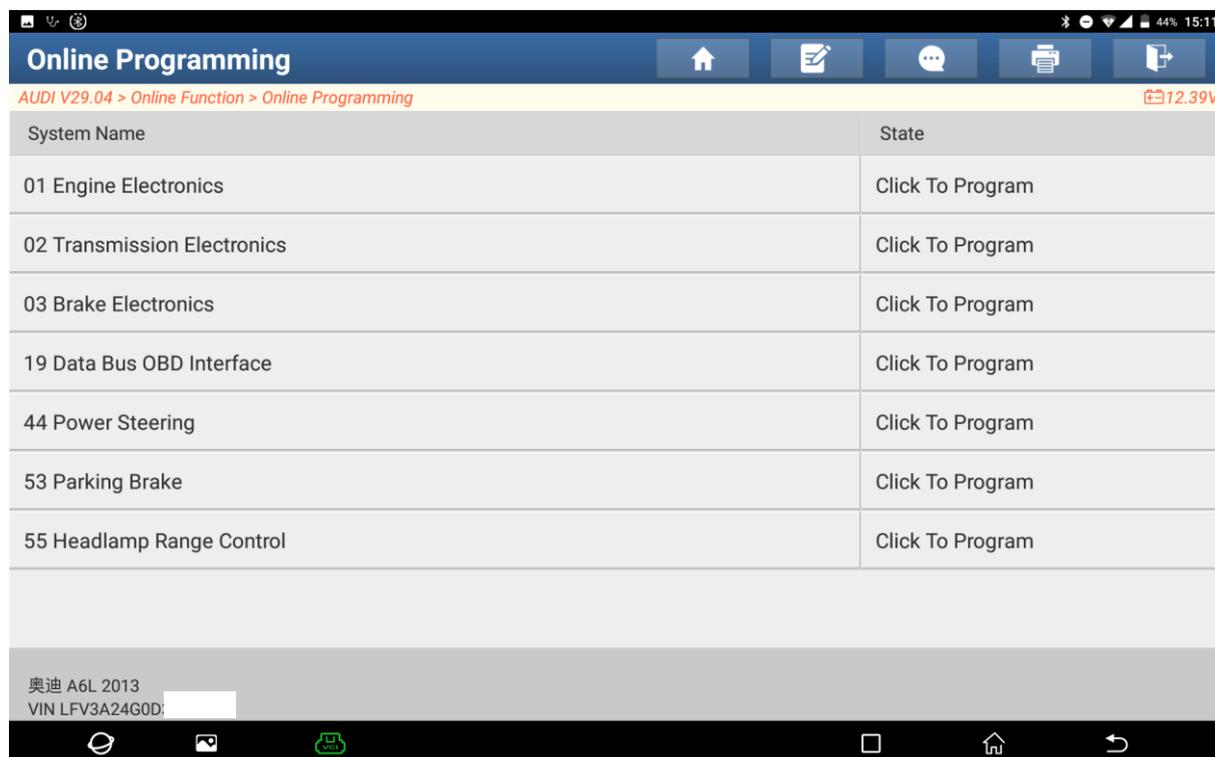


Figure 7

8. Carefully compare the system information and the optional files. The first optional file is the closest to the system information. (See the following figure.)



Figure 8

9. Choose the first optional file and click OK.

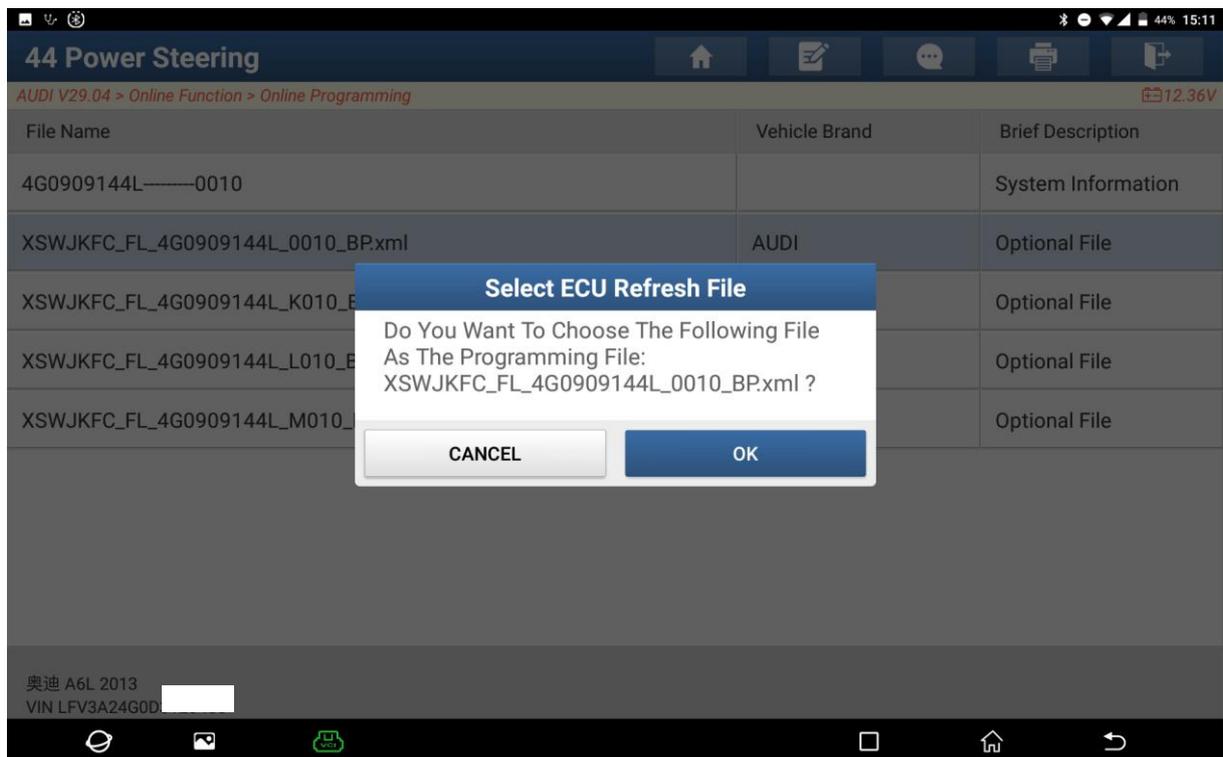


Figure 9

10. Click OK to download the file. (See the following figure.)

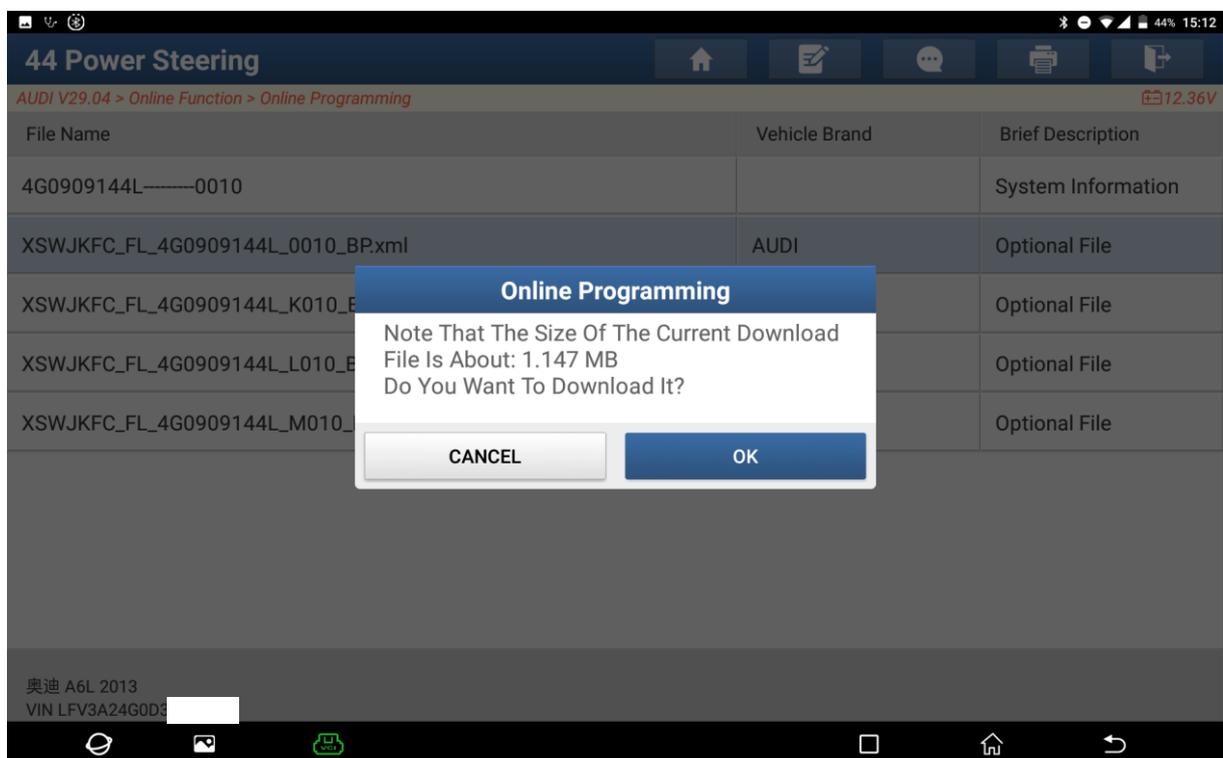


Figure 10

11. Click [DOWNLOAD]. (See the following figure.)

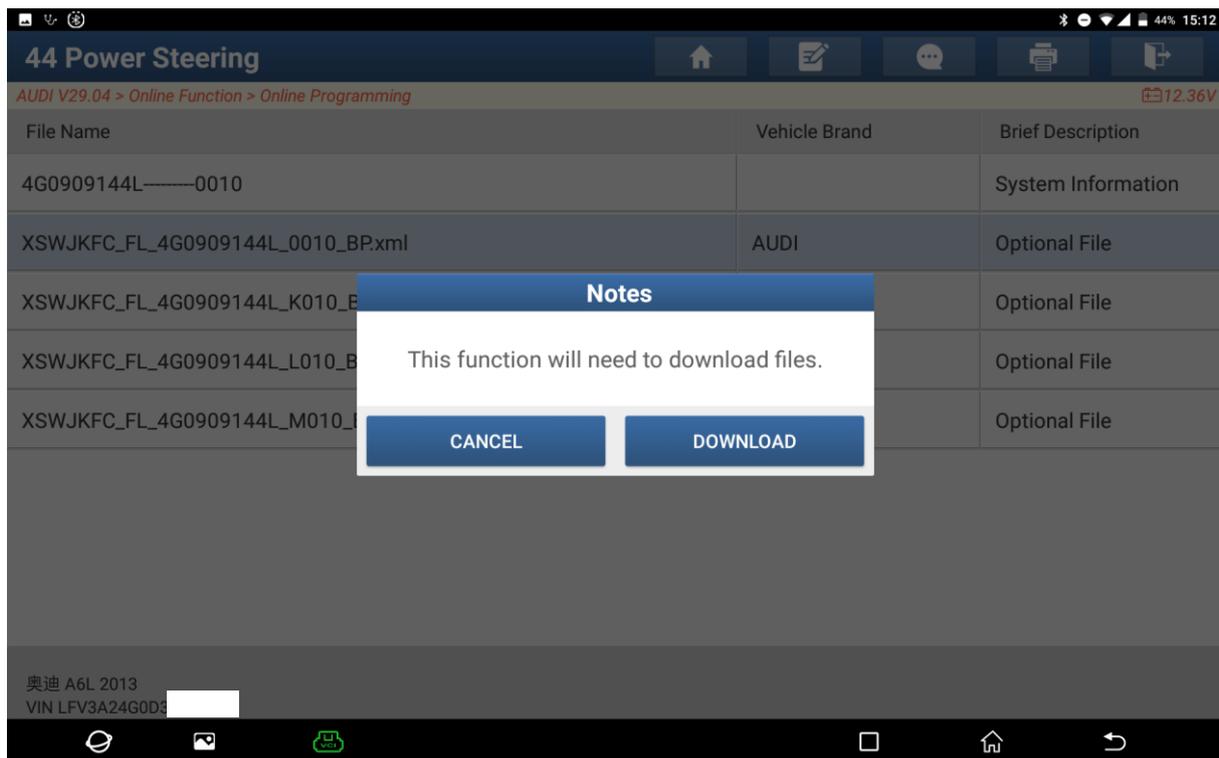


Figure 11

12. The download is successful. Click OK. (See the following figure.)

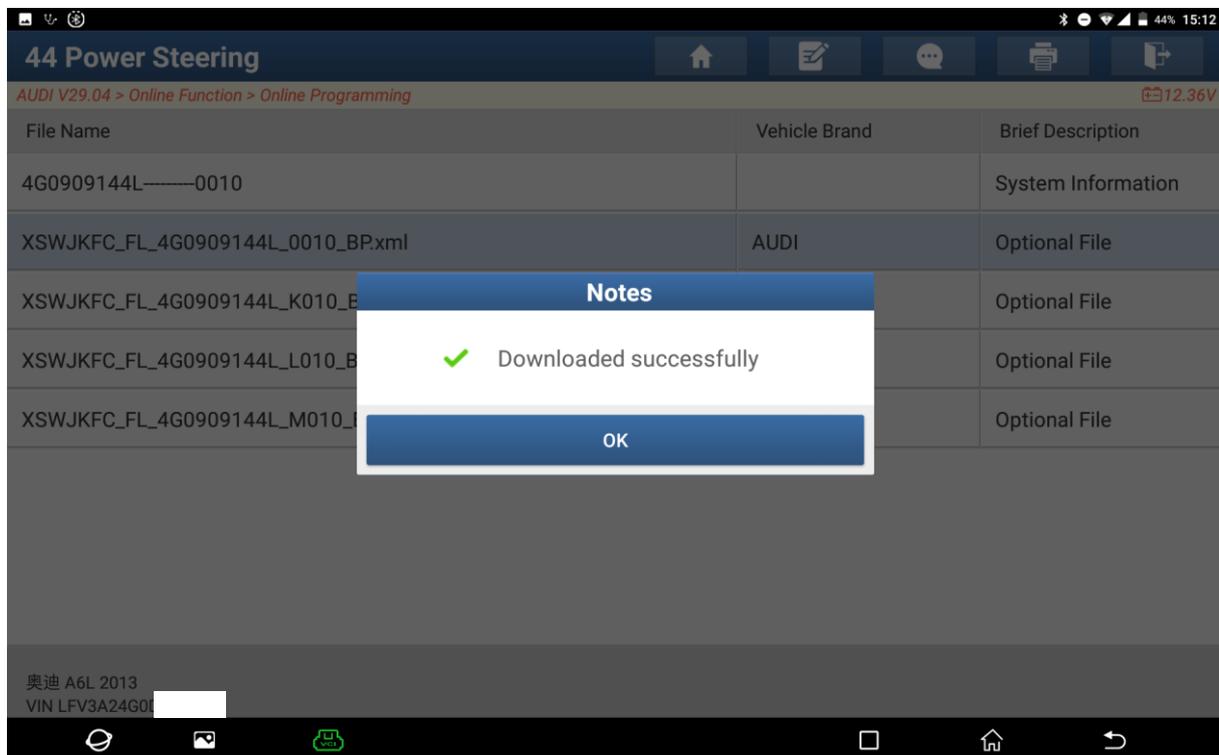


Figure 12

13. Flash is completed. Operate the vehicle according to the prompts. After the operations are completed, click OK. (See the following figure.)

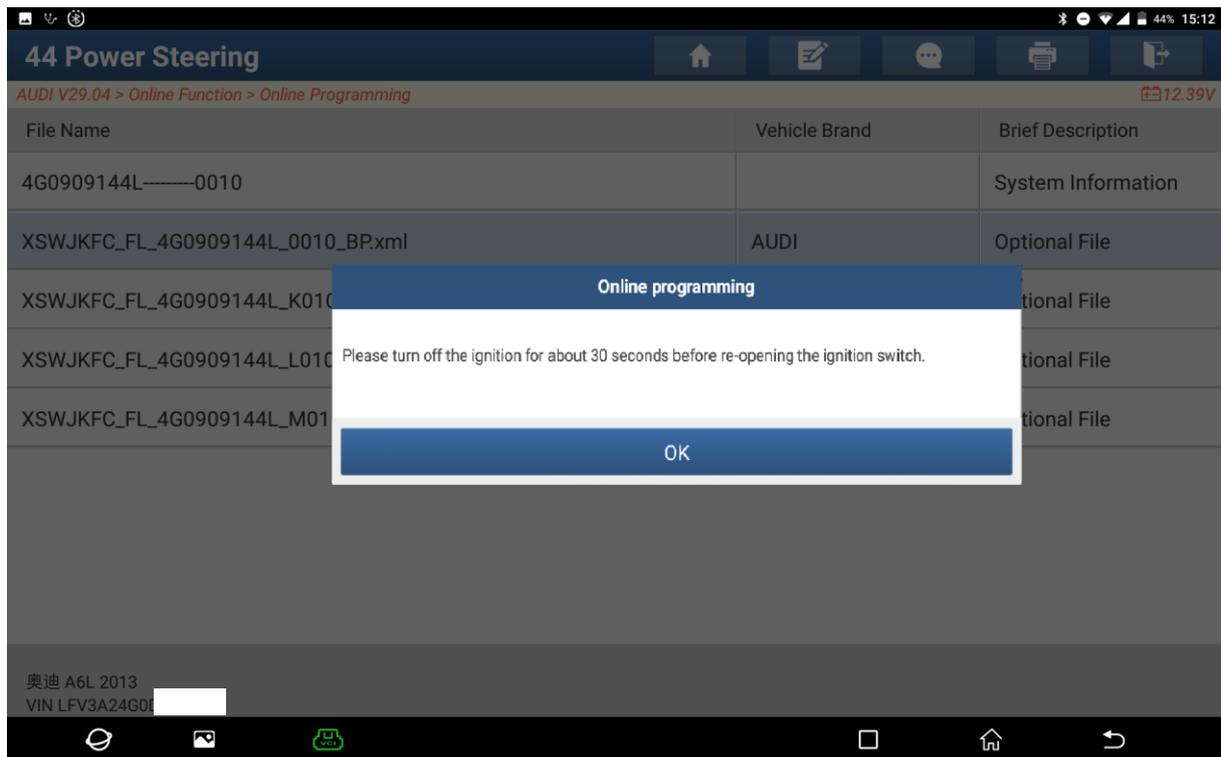


Figure 13

14. After the update, the VW dataset number or ECU data container number changes to "- - -". It is necessary to perform the online parametric configuration function. (See the following figure.)

Feature	Before update	After update
VW/Audi part number:	8K0909144P	8K0909144P
Software version:	0010	0010
Hardware part number:	4G0909144G	4G0909144G
Hardware version:	H36	H36
ASAM/ODX file ID:	EV_RCEPS	EV_RCEPS
ASAM/ODX file version:	009008	009008
VW dataset number of ECU data container number	4GD909852E	-----

Audi
VIN LFV3A24G0D3123456

Figure 14

15. Online programming is successfully performed. Click [Yes]. (See the following figure.)

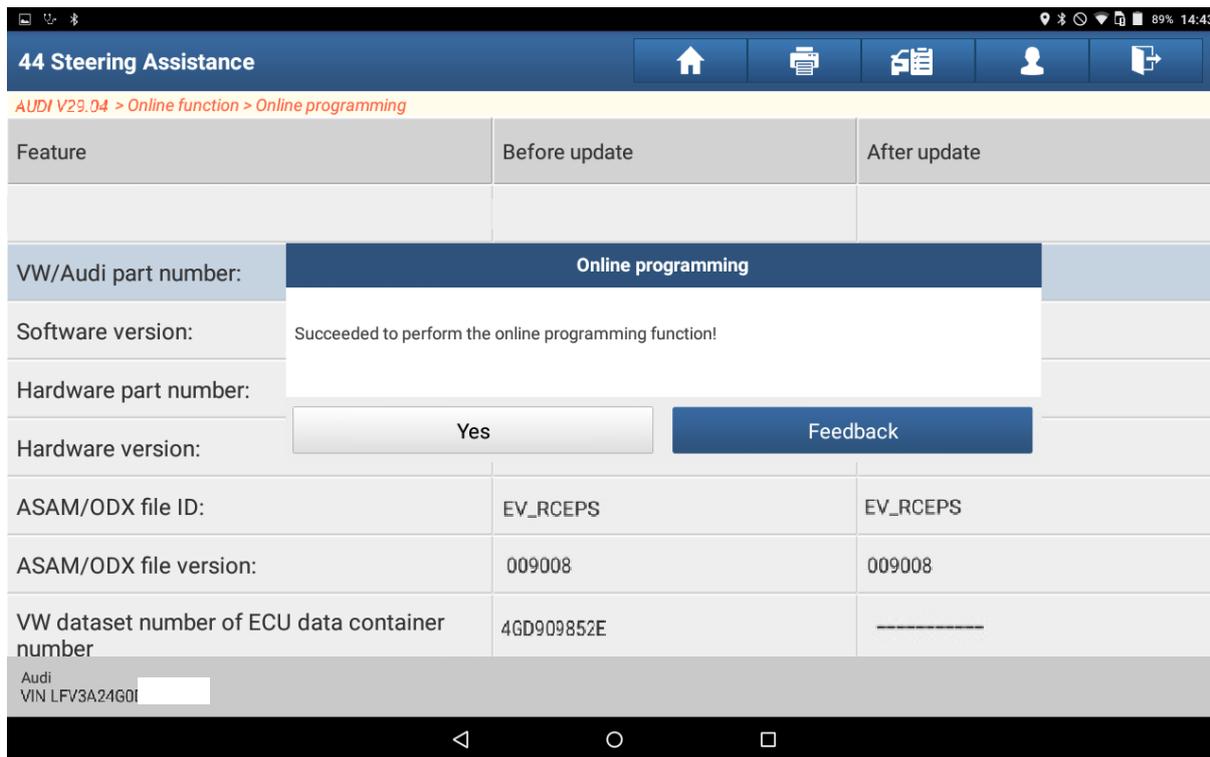


Figure 15

16. Click [Yes] to exit. (See the following figure.)

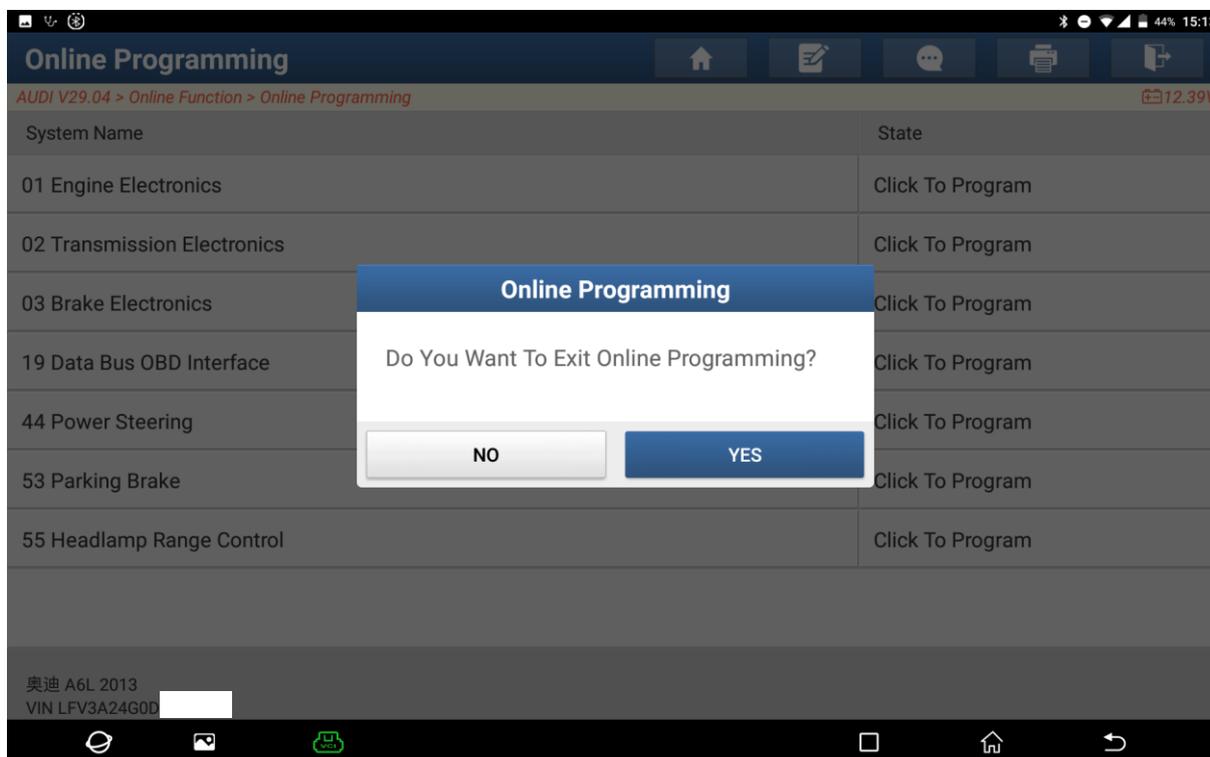


Figure 16

17. Choose [Online Parametric Configuration]. (See the following figure.)

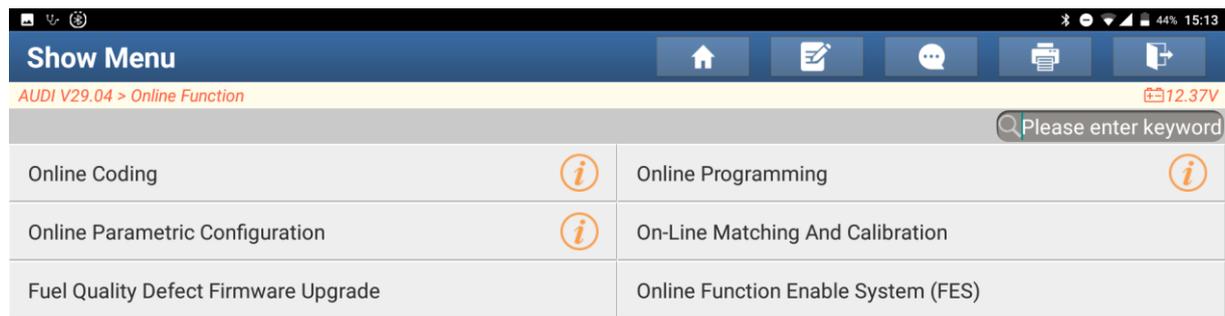


Figure 17

18. Read the disclaimer carefully and click OK. (See the following figure.)

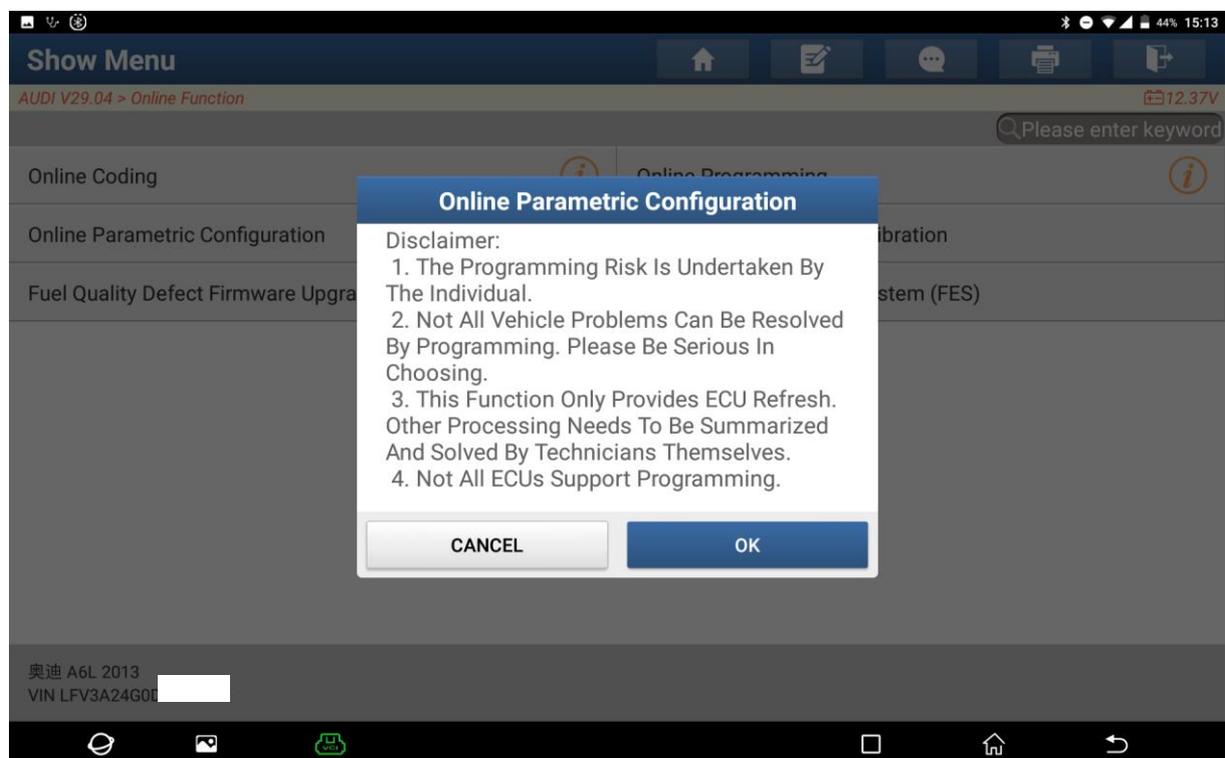


Figure 18

23. Operate the vehicle according to the prompts. After the operations are completed, click OK. (See the following figure.)

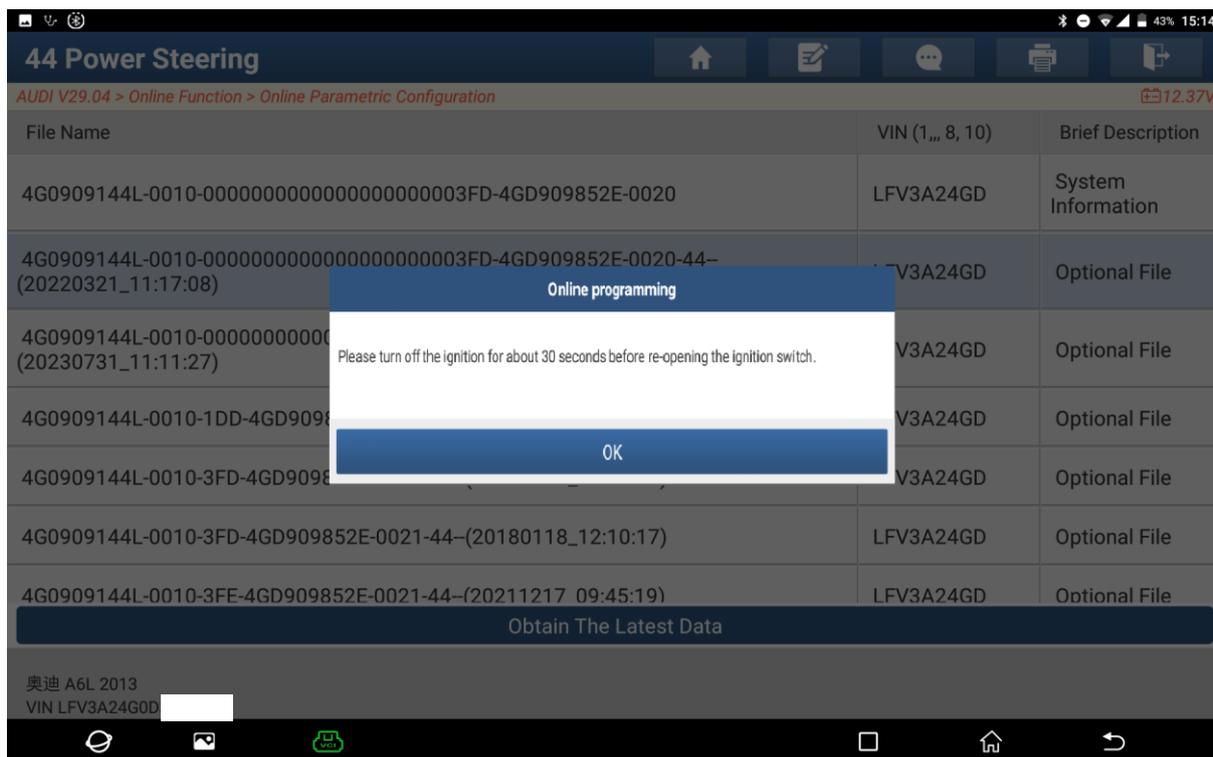


Figure 23

24. After the update, the VW dataset number or ECU data container number changes to 4GD909852E. The VW dataset version number changes to 0020. (See the following figure.)

The screenshot shows a mobile application interface for configuring a vehicle's steering assistance system. The title bar reads '44 Steering Assistance'. Below it, the navigation path is 'AUDI V29.04 > Online Function > Online Parametric Configuration'. A table compares parameters 'Before update' and 'After update'. The 'VW dataset number of ECU data container number' changes from a blank field to '4GD909852E'. The 'ASAM/ODX file version' changes from '009008' to '0020'. Other parameters remain the same. At the bottom of the screen, there is a status bar showing 'Audi' and 'VIN LFFV3A24G0D'.

Feature	Before update	After update
VW/Audi part number:	8K0909144P	8K0909144P
Software version:	0010	0020
Hardware part number:	4G0909144G	4G0909144G
Hardware version:	H36	H36
ASAM/ODX file ID:	EV_RCEPS	EV_RCEPS
ASAM/ODX file version:	009008	0020
VW dataset number of ECU data container number	-----	4GD909852E

Figure 24

25. Flashing the parametric configuration file is completed. Click [Yes]. (See the following figure.)

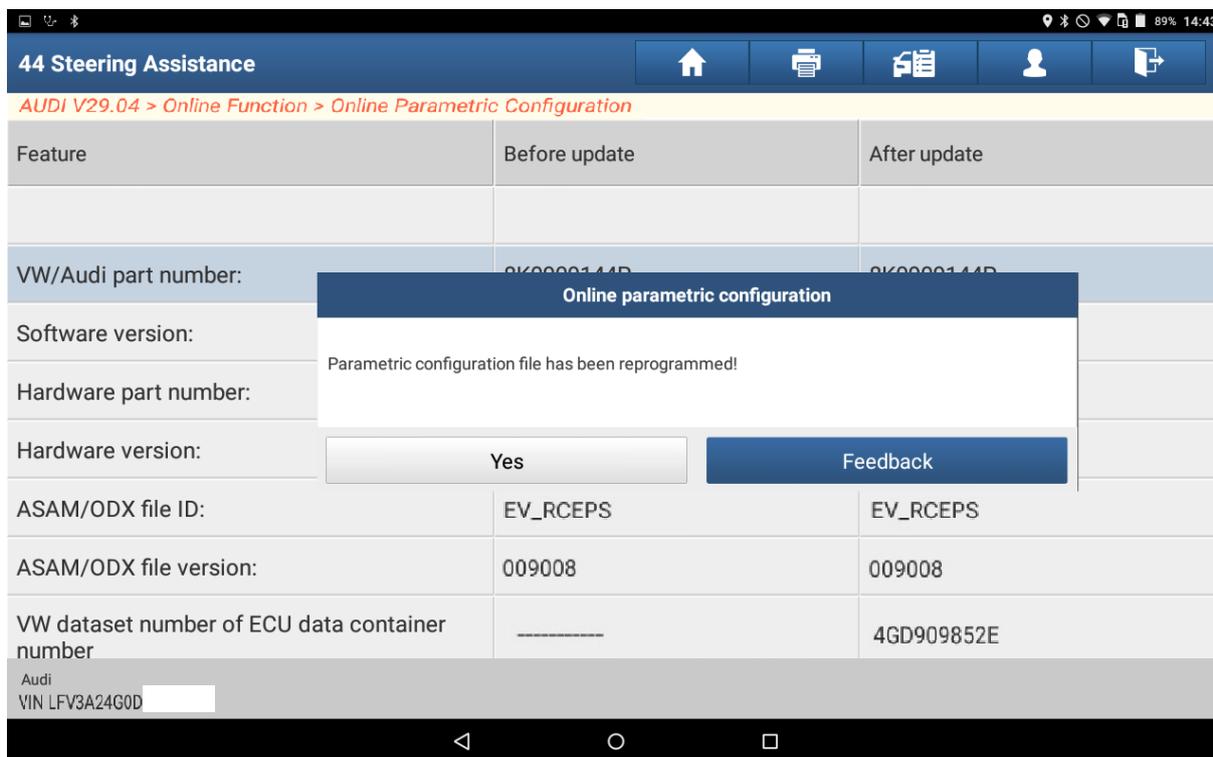


Figure 25

26. Save the fault report. The 44 power steering system has no DTC. (See the following figure.)

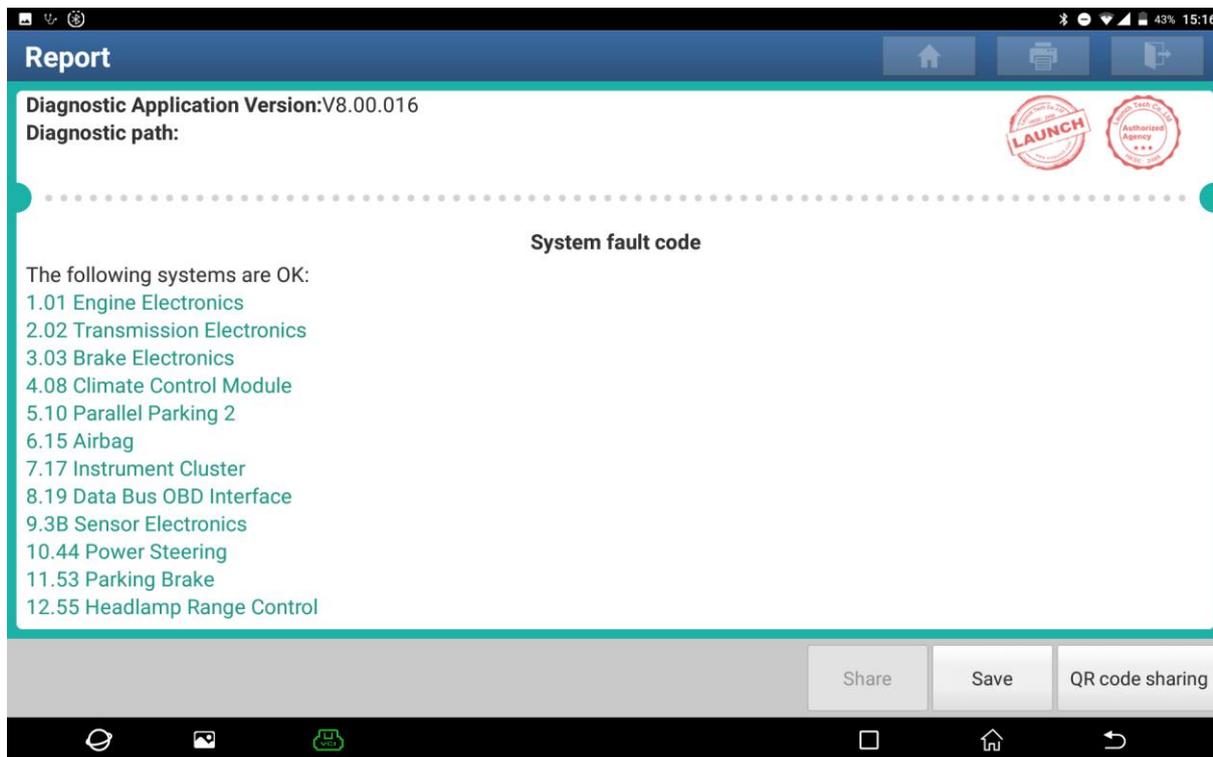


Figure 26

27. The yellow steering wheel MIL on the instrument panel turns off. (See the following figure.)



Figure 27

Statement:

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