

## 【X431PRO Functions】 2014 Lexus tire pressure sensor replacement operation method

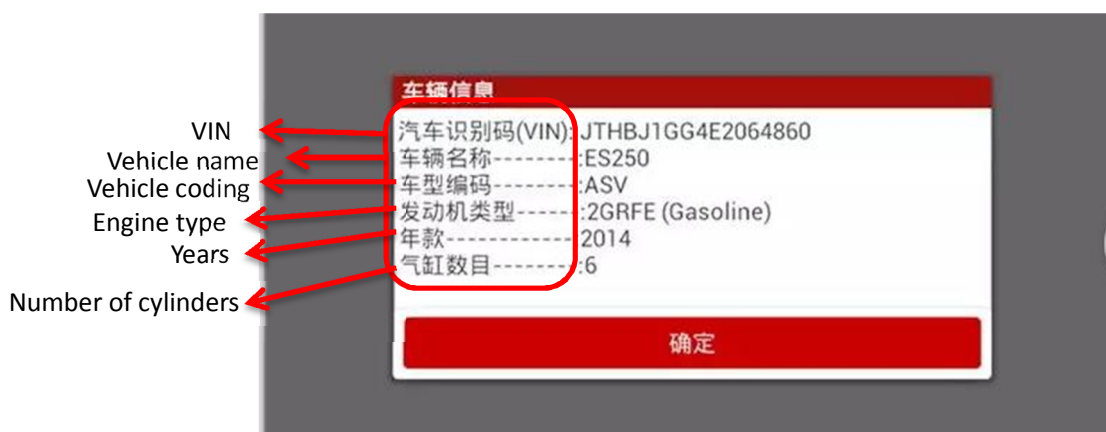
Measured models: Lexus, 2014, VIN=JTHBJ1GG4E20\*\*\*\*\*

Fault phenomenon: The front right tire pressure sensor is faulty and needs to be replaced. New and old tire pressure sensors shown in Figure 2.



Steps:

1. Turn on the ignition.
2. Select Toyota V48.50 version.
3. Select "16PIN Diagnostic Seats (Europe and Other Regions)".
4. Select "Auto Search".
5. Select the "ES250" model.
6. According to model year, choose "Before 2014.08".
7. Display vehicle information is as follows, as shown in Figure 3.

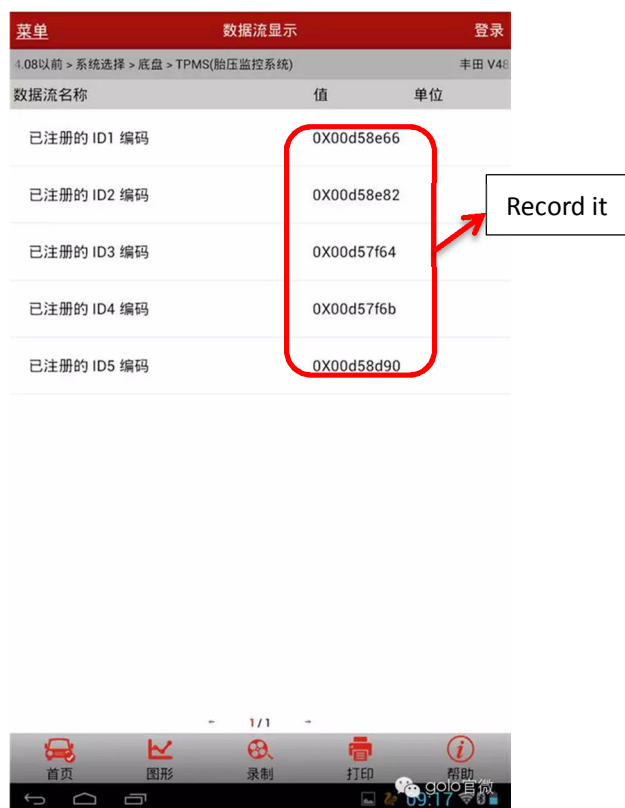


8. Select "system selection".
9. Select "Chassis".
10. Select "TPMS (Tire Pressure Monitoring System)".
11. Select "Read Stream".
12. Select "hand selection".
13. Select registered ID1 code - Registered ID5 coded five data streams to read, as shown in

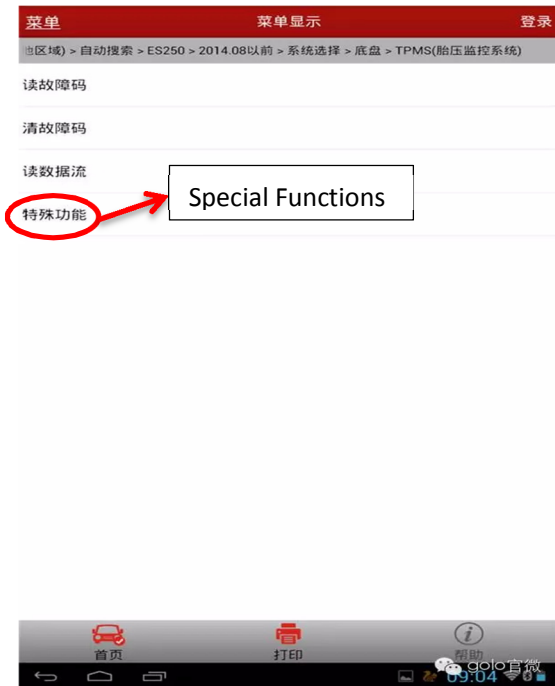
Figure 4.



14. Record the read encoding value for the input later, as shown in Figure 5.



15. Select "Special Functions" as shown in Figure 6.



16. Select "Auto scan special functions", as shown in Figure 7.



17. Select "Mark registration", as shown in Figure 8, pay attention to the prompt message.



18. Select "Main tire group", follow the prompts to perform the following, as shown in Figure 9, pay attention to this car need to enter a total of five tire pressure sensor ID.

Main tire group



After pressing confirm, you will have 5 minutes to do the following.

1. Enter each emitter identification code.
2. Press "Confirm" to enter another code.
3. Continue until all codes are registered.

19. According to the tire pressure sensor replacement, enter the ID1-ID5 code, where ID1 is not replaced, enter the ID1 original code "0d58e66", as shown in Figure 10.



20. Input ID2 code, ID2 tire pressure sensor was replaced, enter the new code "1383b87", the new code ID shown in Figure 2, the interface shown in Figure 11.



21. Input ID3 original code "0d57f64", as shown in Figure 12.

The screenshot shows a mobile application interface with a dark red header bar containing the text "菜单" (Menu), "菜单显示" (Menu Display), and "登录" (Login). Below the header, a breadcrumb trail reads "丰田 V48.50 > 16PIN诊断座(欧洲及其他区域) > 自动搜索 > ES250 > 2014.08以前 > 系统选". The main content area has two sections: "主胎组" (Main Tire Group) and "备用胎组" (Backup Tire Group). A modal dialog box titled "主胎组" is open, displaying the instruction "请输入7个字符:'0'-'9'或者'a'-'f'." (Please enter 7 characters: '0'-'9' or 'a'-'f'). The input field contains the text "0d57f64". At the bottom of the dialog are two buttons: "确定" (Confirm) in red and "取消" (Cancel) in gray.

22. Input ID4 original code "0d57f6b", as shown in Figure 13.

This screenshot is similar to Figure 12, showing the same mobile application interface. The modal dialog box titled "主胎组" is open, and the input field now contains the text "0d57f6b". The "确定" (Confirm) button is red, and the "取消" (Cancel) button is gray.

23. Input ID5 original code "0d58d90", as shown in Figure 14.

This screenshot is similar to the previous ones, showing the same mobile application interface. The modal dialog box titled "主胎组" is open, and the input field now contains the text "0d58d90". The "确定" (Confirm) button is red, and the "取消" (Cancel) button is gray.

24. After the write is successful, "ID login completed" is displayed, as shown in Figure 15..



25. Read the ID1-ID5 data stream again to confirm whether each ID code has been successfully written, as shown in Figure 16.

菜单	数据流显示	登录
N诊断座(欧洲及其他区域) > 自动搜索 > ES250 > 2014.08以前 > 系统选择 > 底盘 > TPMS(胎压监测系统)		
数据流名称	值	单位
Registered ID1 code	已注册的 ID1 编码	0X00d58e66
Registered ID2 code	已注册的 ID2 编码	0X01383b87
Registered ID3 code	已注册的 ID3 编码	0X00d57f64
Registered ID4 code	已注册的 ID4 编码	0X00d57f6b
Registered ID5 code	已注册的 ID5 编码	0X00d58d90



26. Test run, normal driving, problem solving.