【X431PADIII Online Programming】2012BMW F series the height matching operation method of driving

Actual Measurement

BMW 535i，F07 Chassis，2012，VIN=WBASN2014CDW*****see as pic1.

pic1

Function Description

Applicable to the driving height adjustment function of F series vehicles.（Note：The height adjustment of E series matches the height control of the electronic driving.）

Note:

- Before testing ,please follow these instructions ：
- If vehicle equipped with the manual transmission , Please step down and release the clutch
- pedal .

Must apply parking brake when making the vehicle static.

- For manual transmission ， Will
- change gear lever to the neutral position

For automatic transmission, change the lever to P position

Operation Procedure

1. Choose X431-PAD III；
2. Choose V49.15 above;
3. Choose manual selection. See as pic2;

pic2

4. Choose 5 series see pic3；

pic3

5. Choose： “5 _GT(F07)， see pic4；

pic4

6. Select chassis parts, see as pic5;

pic5

7. Choose ICM(Integrated Chassis Management)， see pic6；

pic6

8. Choose Special Function, see as pic7;

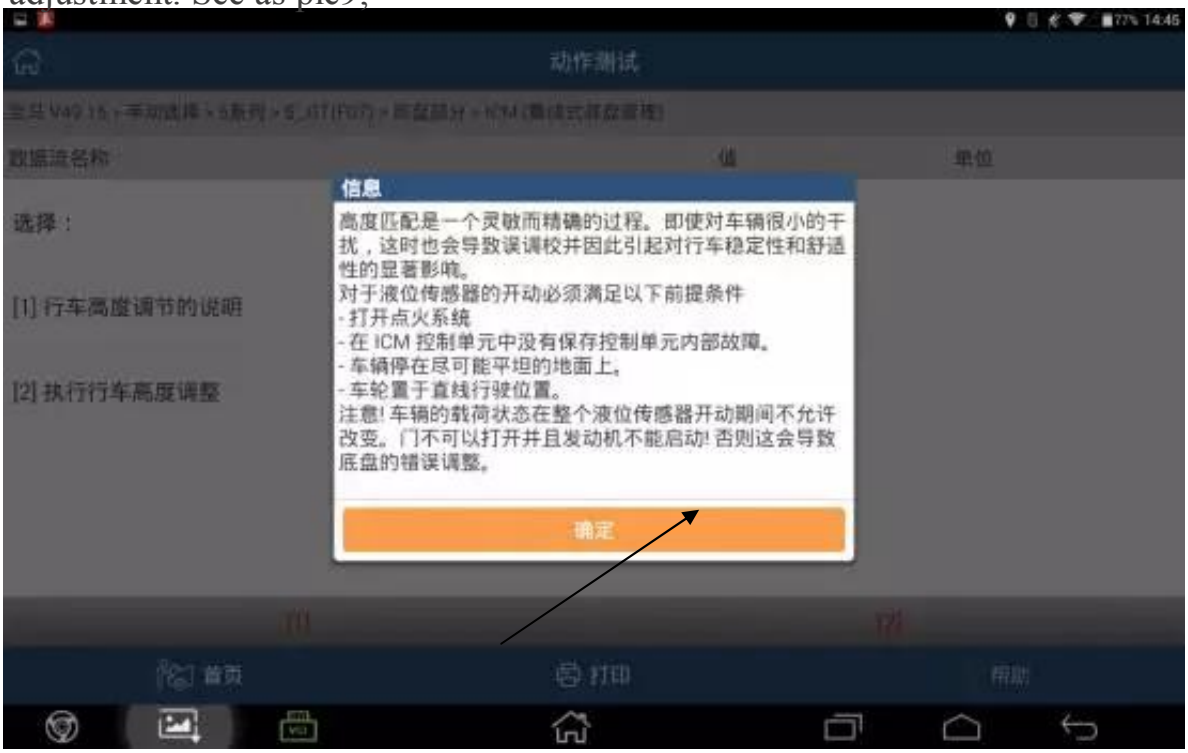
Pic7

9. Select the driving height adjustment， see

pic 8；

pic8

10. Choose{2} executing the driving height adjustment. See as pic9;



pic9

11. Select wheel size confirmation [Choose 18 inches here]， see pic10；

pic10

12. System prompt standard height, see as pic11;

pic11

13. Note：The measured values below are the distance from the lowest point of the wheel cover to the steel ring. Select the back bridge to match the matching value according to the actual situation, and input the left post measurement value, as shown in figure 12;

pic12

14. Input Right-Rear Measured Value， see as pic13；

pic13

15. The correctness of the input value is indicated;， see pic14；

pic14

16. The measurement value of the sensor and the actual value of the input, as shown in figure 15;

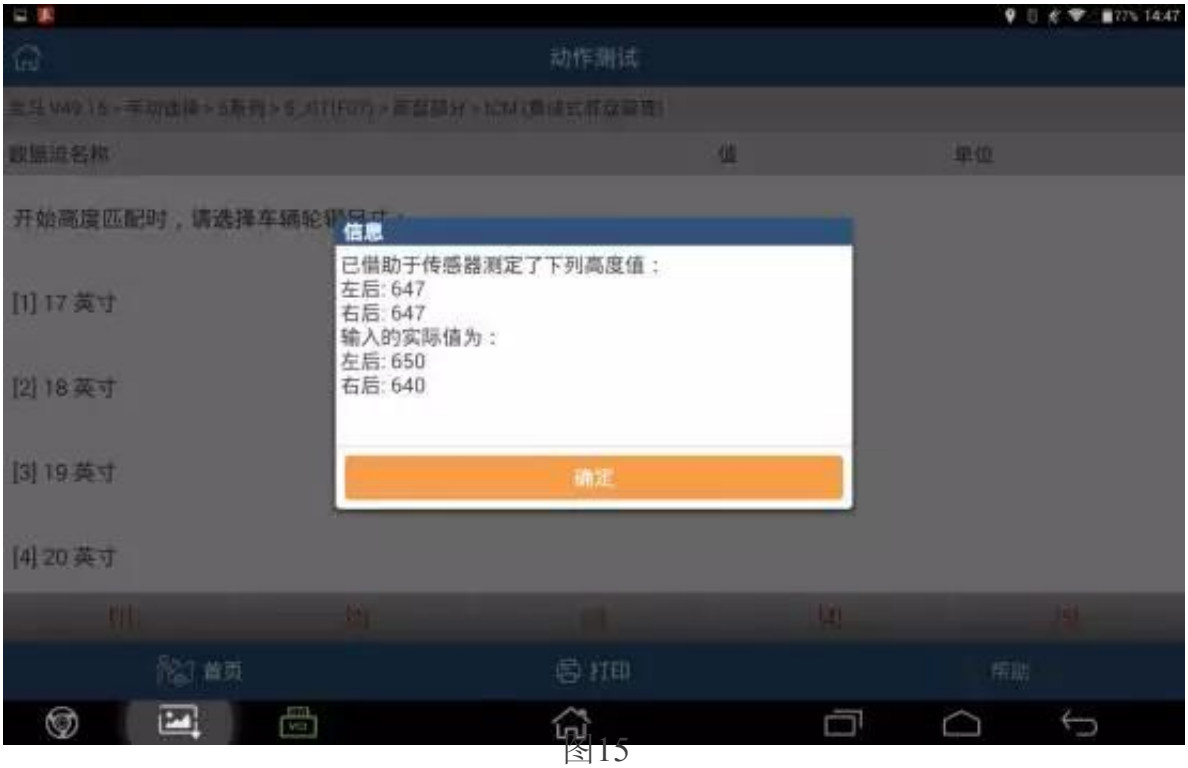


图15

17. After confirmation, the match value of the bridge is successfully entered into the ICM control unit and prompted to continue the bridge matching, as shown in figure 16；

pic16

18.Prompt for the left pre-measured value,
as shown in figure 17；

pic17

19. Prompt input measurement values of the
right front, as shown in figure 18；

pic18

20. Again, the correctness of the input value is indicated, as shown in figure 19.

pic19

21. The test value of the front wheel sensor and the value of the actual input are indicated. After confirmation, the selection is determined, as shown in figure 20.

pic20

22. The previous bridge matching value has been successfully written to ICM control unit, as shown in figure 21;

pic21

23. After the determination, it is indicated that the value of the write in the next step, as shown in figure 22;

pic22

24. The execution results are displayed successfully, as shown in figure 23.

pic23

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