

Replacement of Air Spring for Porsche Panamera Level System

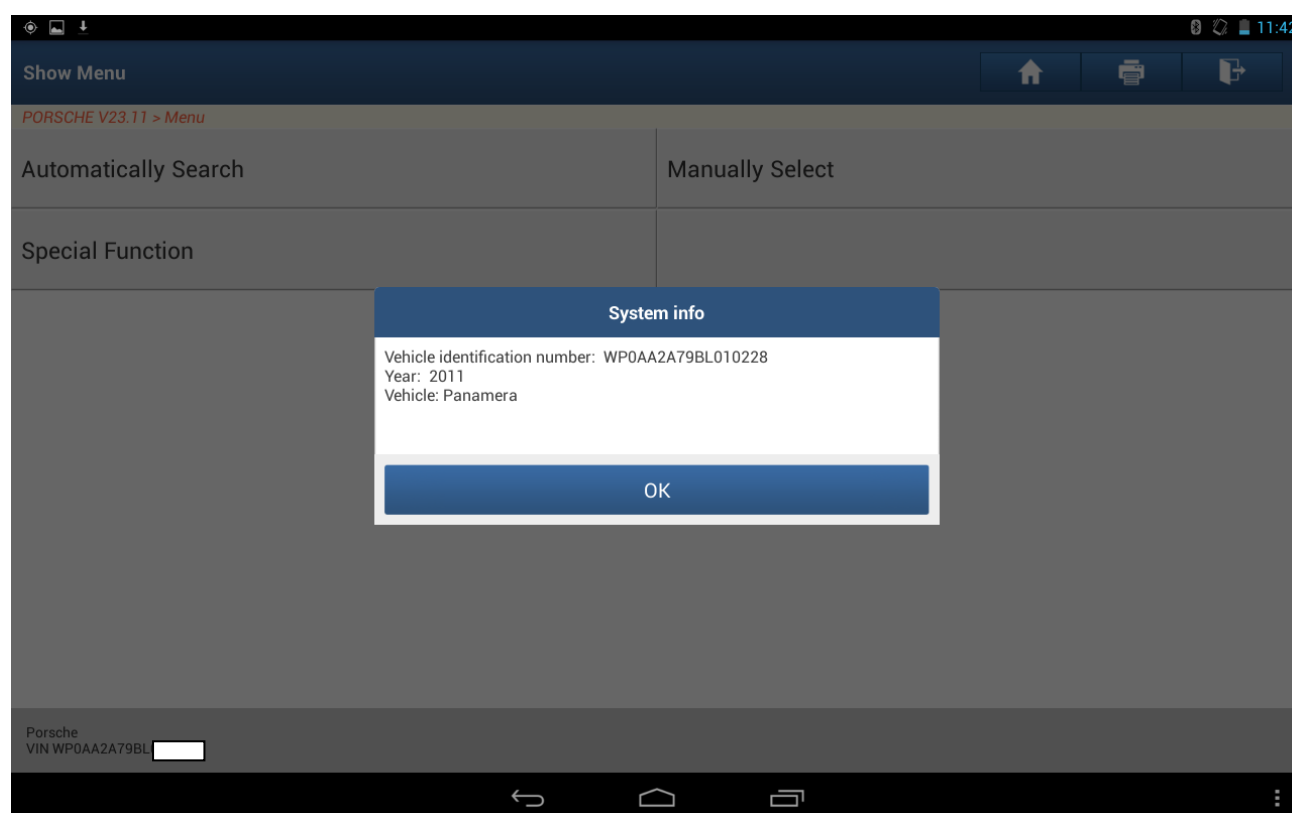
Function Description: Replacement of Air Spring

Caution:

- Ensure the supply voltage is not under 12V during the operation.
- Other operations should meet the requirements prompted.

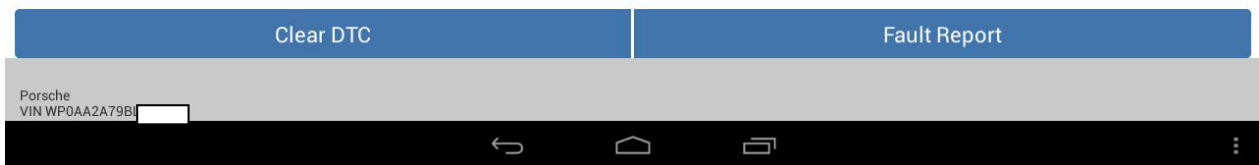
Operation Guideline:

1. Select Porsche Version V21.80 or above.
2. Select automatic search, see Picture 1.



Picture 1

3. Select rapid test, click YES.
4. Select Level Control, see Picture 2.



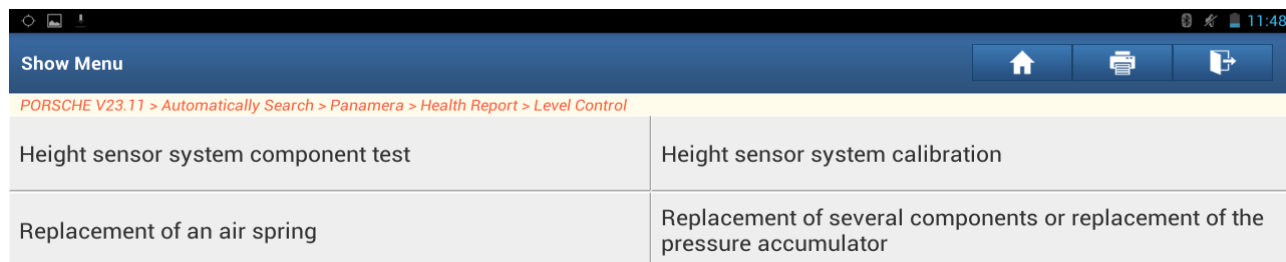
Picture 2

5. Select version information.
6. After confirming the Porsche part number and diagnostic software number, click OK, see Picture 3.



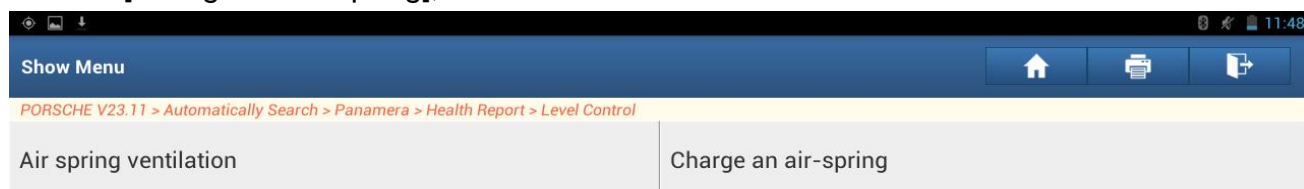
Picture 3

7. Select special function.
8. Select replacement of air spring, see Picture 4.



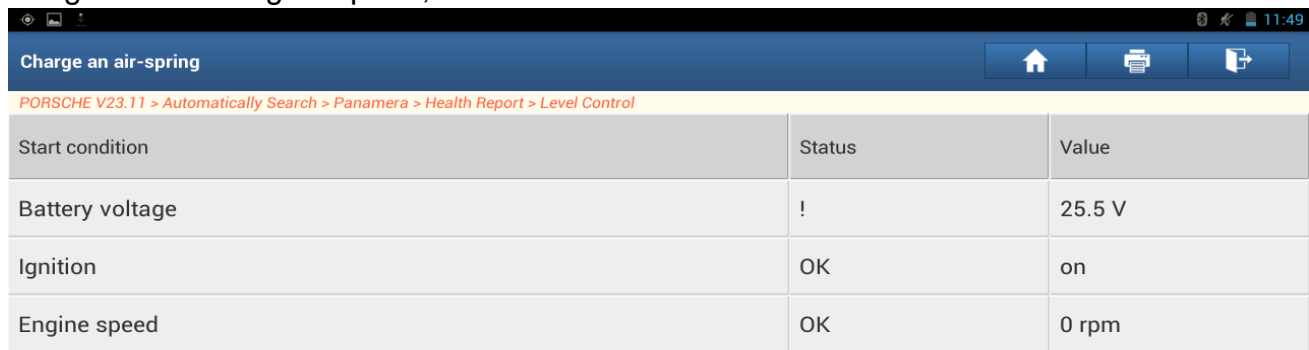
Picture 4

9. Click [Charge an air spring], see Picture 5.

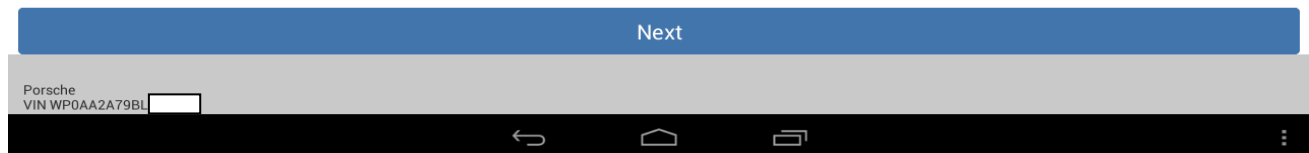


Picture 5

10. Click OK, enter the interface and view the status and value of the battery voltage, ignition and engine speed, see Picture 6.

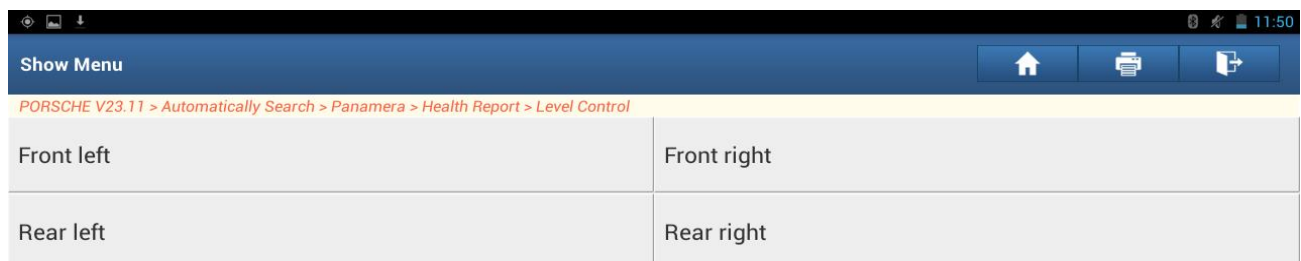


Start condition	Status	Value
Battery voltage	!	25.5 V
Ignition	OK	on
Engine speed	OK	0 rpm



Picture 6

11. Click Next, select the second item of air spring selection, it appears 4 options of front left, front right, rear left and rear right, see Picture 7.

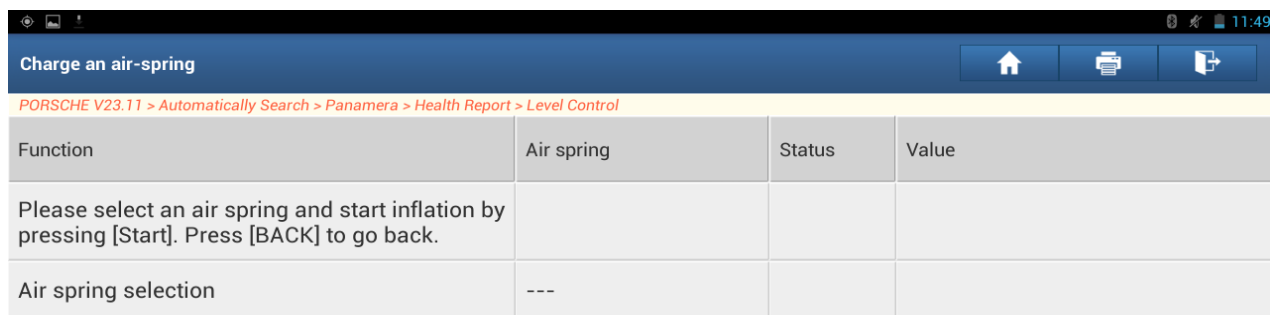


Front left	Front right
Rear left	Rear right

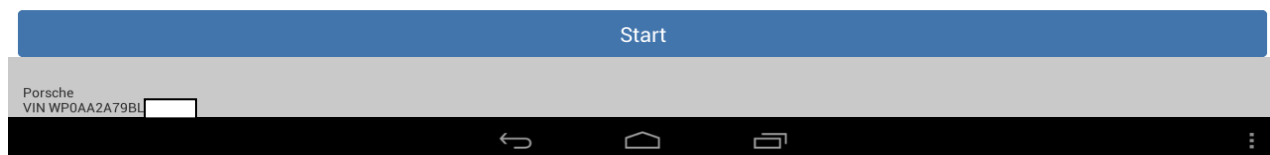


Picture 7

12. Select air spring selection, see Picture 8.

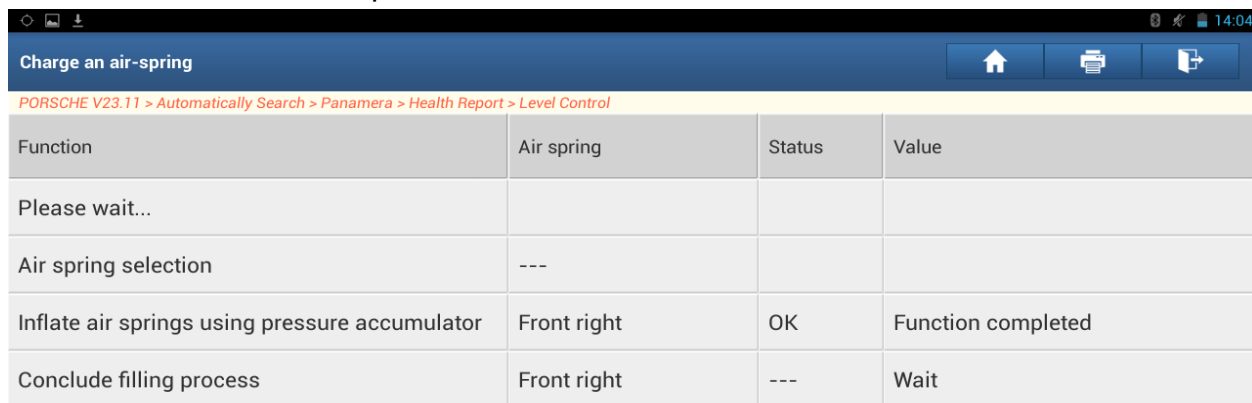


Function	Air spring	Status	Value
Please select an air spring and start inflation by pressing [Start]. Press [BACK] to go back.			
Air spring selection	---		



Picture 8

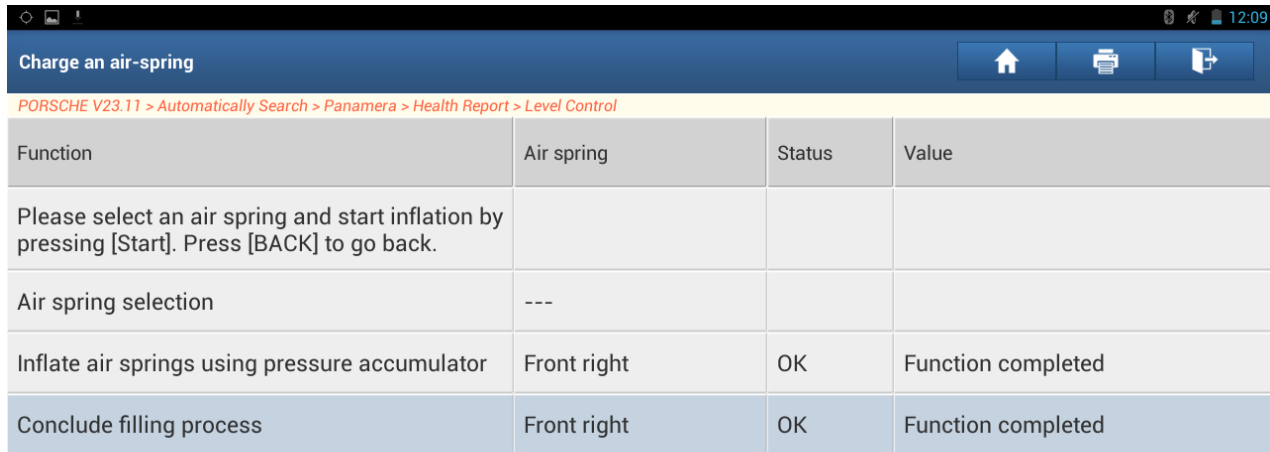
13. For example, select the second item [Front right], click [Start], the value of "Inflate air springs using pressure accumulator" and "Conclude filling process" changed from "wait" to "function completed", and the status is OK, see Picture 9 and 10.



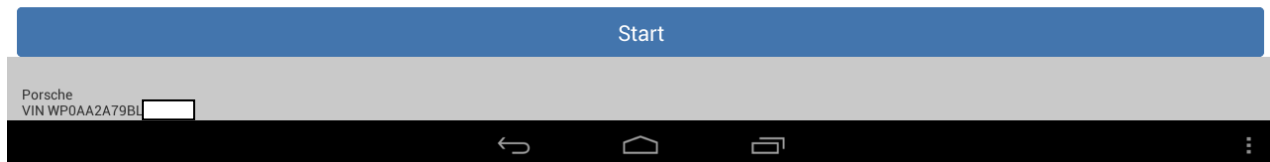
Function	Air spring	Status	Value
Please wait...			
Air spring selection	---		
Inflate air springs using pressure accumulator	Front right	OK	Function completed
Conclude filling process	Front right	---	Wait



Picture 9

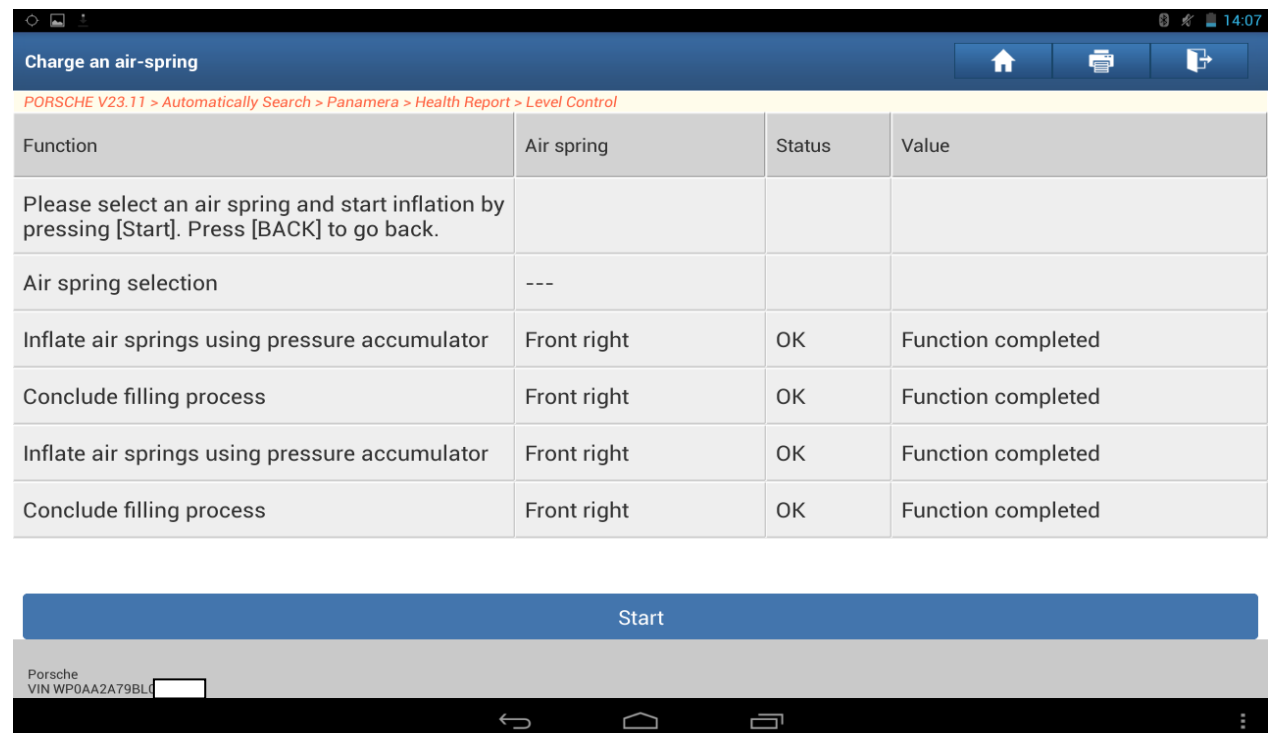


Function	Air spring	Status	Value
Please select an air spring and start inflation by pressing [Start]. Press [BACK] to go back.			
Air spring selection	---		
Inflate air springs using pressure accumulator	Front right	OK	Function completed
Conclude filling process	Front right	OK	Function completed



Picture 10

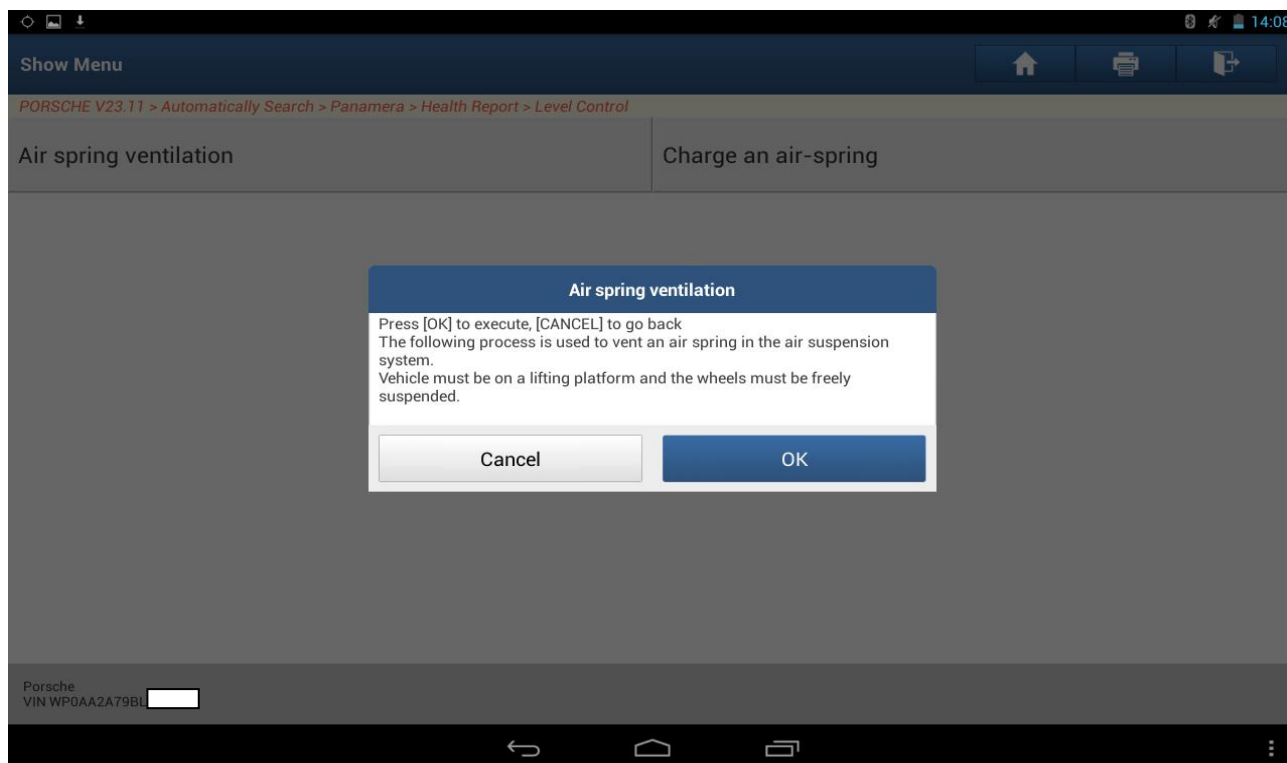
14. After the front right item, click [air spring selection] to select any one of front left, rear left and rear right. Click [Start], see Picture 11.



Function	Air spring	Status	Value
Please select an air spring and start inflation by pressing [Start]. Press [BACK] to go back.			
Air spring selection	---		
Inflate air springs using pressure accumulator	Front right	OK	Function completed
Conclude filling process	Front right	OK	Function completed
Inflate air springs using pressure accumulator	Front right	OK	Function completed
Conclude filling process	Front right	OK	Function completed

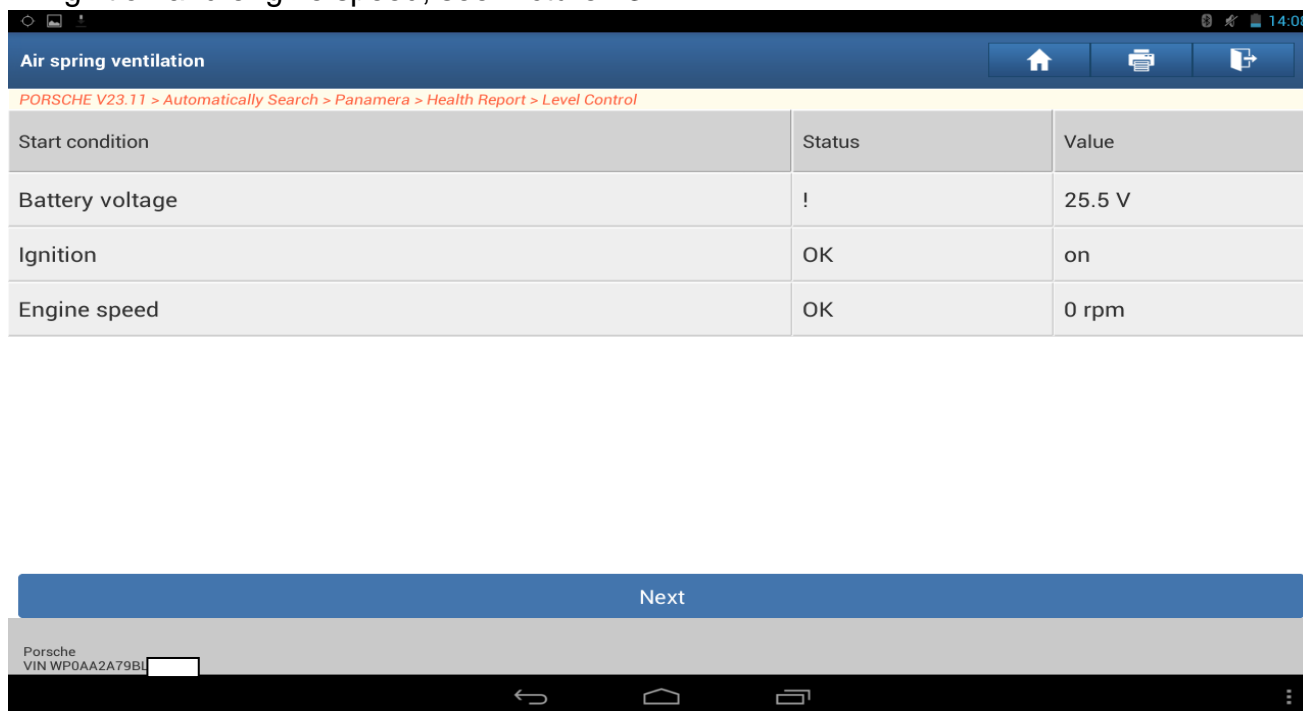
Picture 11

15. To bleed the air spring, click [air spring ventilation] in the special function, see Picture 12.



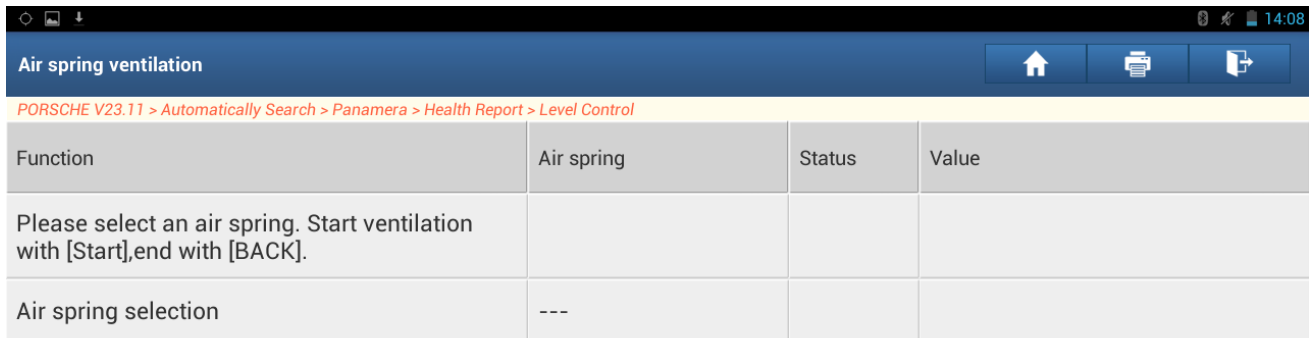
Picture 12

16. Click OK, enter the interface and view the status and value of the battery voltage, ignition and engine speed, see Picture 13.



Picture 13

17. Click Next, select the second item of air spring selection, it appears 4 options of front left, front right, rear left and rear right, see Picture 14 and 15.



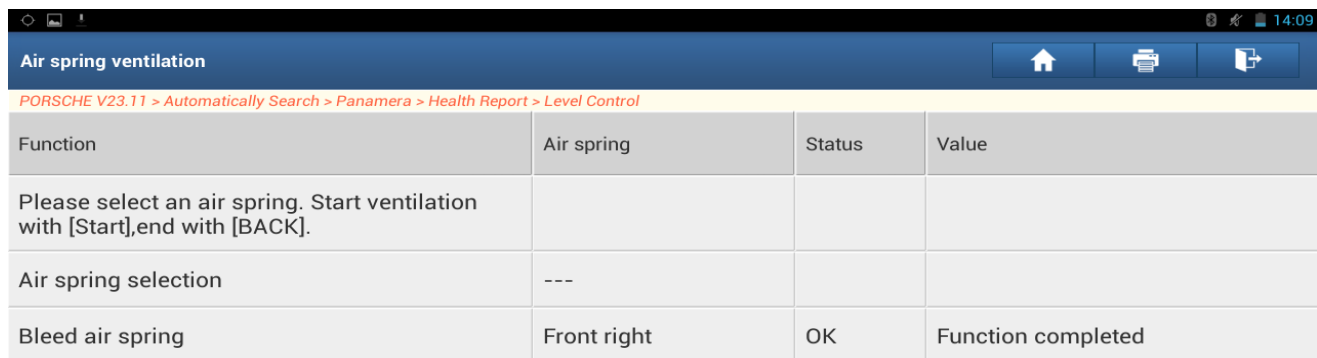
Picture 14



Picture 15

18. Select [Front right].

19. Click [Start], pay attention to the prompt, the value of "bleed air spring" changed to function completed and the status is OK, see Picture 16.

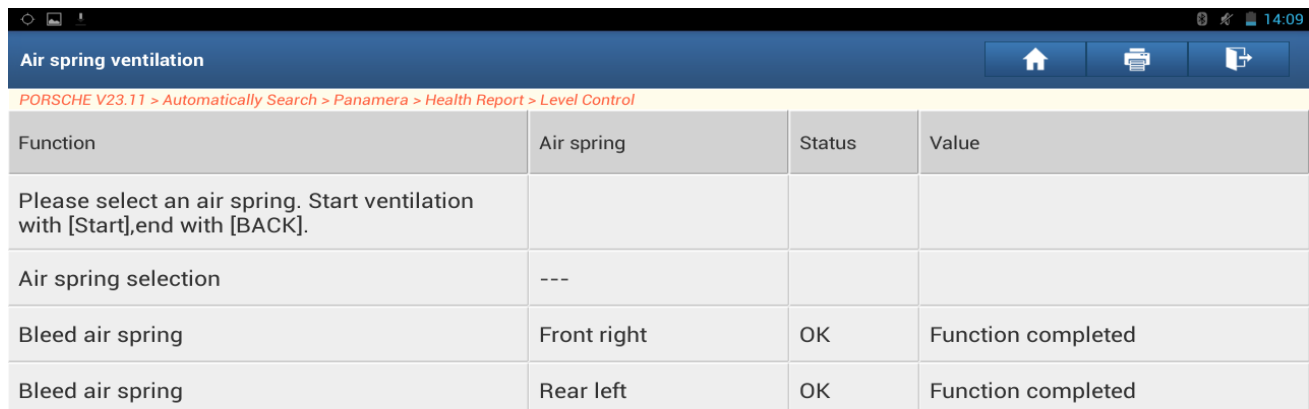


Function	Air spring	Status	Value
Please select an air spring. Start ventilation with [Start],end with [BACK].			
Air spring selection	---		
Bleed air spring	Front right	OK	Function completed



Picture 16

20. After the front right item, click [air spring selection] to select any one of front left, rear left and rear right. Click [Start], repeat the above two steps, see Picture 17.



Function	Air spring	Status	Value
Please select an air spring. Start ventilation with [Start],end with [BACK].			
Air spring selection	---		
Bleed air spring	Front right	OK	Function completed
Bleed air spring	Rear left	OK	Function completed



Picture 17

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