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.

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Automatically Search						
Syste	m info					
Vehicle identification number: WP0AA2A79BL010228 Year: 2011 Vehicle: Panamera						
C	Ж					
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	Syste Vehicle identification number: WPOAA Year: 2011 Vehicle: Panamera	Manually Select Manually Select System info Vehicle identification number: WP0AA2A79BL010228 Year: 2011 OK	Manually Select System info Webicle identification number: WPOAA2A79BL010228 Year: 2011 Yehicle: Panamera OK	Manually Select System info Period is a state of the state of	Manually Select System info Peticle identification number: WP0AA2A79BL010228 Yetricle: Panamera OK	Manually Select System info Wehicle identification number: WP0AA2A79BL010228 Year: 2011 Wehicle: Panamera OK

Picture 1

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

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Health Report			ŀ
PORSCHE V23.11 > Automatically Search > Panamera > Health Report			
System Name	State	2	
Level Control	Faul	t 1	

	Clear DTC				Fault Report	
Porsche VIN WP0AA2A79BI						
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Picture 2

5. Select version information.

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

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Show Menu		A	F
PORSCHE V23.11 > Automatically Search > Panal	System info		
Module Information	Diag ID: 1367 Date of manufactureYear: 10 Year(s)		
Clear Fault Code	Date of manufacturemonth: April Date of manufactureDay: 1 day(s) Manufacturer number: 0019 Porsche part number: 97061810305 Diagnosis software number (DSN): 000006		
Actuation Test	Software version: 1600 Data record version: 3031 Year: 9 Year(s) month: June		
Coding	Day: 2 day(s) Day: 10 Year(s) month: April Year: 20 day(s)		
Control unit replacement	Hardware version: 005 Hardware part number: 97061810304 Serial number: 1000000007953 Vehicle identification number: WP0AA2A79BL010228		
	month: April Day: 1 day(s)		
	ок		
Porsche VIN WP0AA2A79BL			

Picture 3

7. Select special function.

8. Select replacement of air spring, see Picture 4.

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Show Menu	A ē V
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control	
Height sensor system component test	Height sensor system calibration
Replacement of an air spring	Replacement of several components or replacement of the pressure accumulator

Porsche VIN WP0AA2A79BL				
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Picture 4

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

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Show Menu		î	ē	ŀ
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control				
Air spring ventilation	Charge an air-spring			

Porsche VIN WP0AA2A79BI					
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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.

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Charge an air-spring	A	
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control		
Start condition	Status	Value
Battery voltage	!	25.5 V
Ignition	ОК	on
Engine speed	ОК	0 rpm

		Next		
Porsche VIN WP0AA2A79BL				
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		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.

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Show Menu		
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control		
Front left	Front right	
Rear left	Rear right	

Porsche VIN WP0AA2A79BL				
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Picture 7

12. Select air spring selection, see Picture 8.

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Charge an air-spring			A		₽
PORSCHE V23.11 > Automatically Search > Panamera > Health Report	> Level Control				
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.

			🗑 🕺 📑 14.04						
Charge an air-spring									
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control									
Function	Air spring	Status	Value						
Please wait									
Air spring selection									
Inflate air springs using pressure accumulator	Front right	ОК	Function completed						
Conclude filling process	Front right		Wait						

		Stop		
Porsche VIN WP0AA2A79BL				
	(\Box		:

Picture 9

			8 🖋 📋 12:09				
Charge an air-spring							
PORSCHE V23.11 > Automatically Search > Panamera > Health Report	> Level Control						
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	ОК	Function completed				
Conclude filling process	Front right	ОК	Function completed				

Porsche VIN WPOAA2A79BL			Start		
	Porsche VIN WP0AA2A79BL				
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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.

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Charge an air-spring								
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control								
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	ОК	Function completed					
Conclude filling process	Front right	ОК	Function completed					
Inflate air springs using pressure accumulator	Front right	ОК	Function completed					
Conclude filling process	Front right	ОК	Function completed					

		Start		
Porsche VIN WP0AA2A79BL(
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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.

		8 💉 🚊 14:08
Air spring ventilation	A	
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control		
Start condition	Status	Value
Battery voltage	!	25.5 V
Ignition	ок	on
Engine speed	ОК	0 rpm



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.

				🛯 🖋 빌 14:08
Air spring ventilation			^	ŀ
PORSCHE V23.11 > Automatically Search > Panamera > Health Report	> Level Control			
Function	Air spring	Status	Value	
Please select an air spring. Start ventilation with [Start],end with [BACK].				
Air spring selection				

Porsche VIN WPOAA2A79BL			Start		
	Porsche VIN WP0AA2A79BL				
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Show Menu	A 🖶 🗗
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control	
Front left	Front right
Rear left	Rear right

Porsche VIN WP0AA2A79BL					
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	F	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.

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Air spring ventilation							
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control							
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	ОК	Function completed				

			Start		
Porsche VIN WP0AA2A79BL	l				
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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.

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Air spring ventilation							
PORSCHE V23.11 > Automatically Search > Panamera > Health Report > Level Control							
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	ОК	Function completed				
Bleed air spring	Rear left	ок	Function completed				



Picture 17