

2013 Porsche Panamera Brake Pad Replacement Method

Product Model	Date	Number
X-431 Series	20160505	—

Vehicle Coverage:

- Porsche panamera, 2013, VIN:WPOBB2977EL0*****



Function Description:

This function is used to maintain the electronic parking brake system safely and effectively.

The process includes placing the hand brake pad on the installation position, checking parking brake basic setting (check the hand brake pad gap), and hand brake pad running-in and calibration.

Prerequisites:

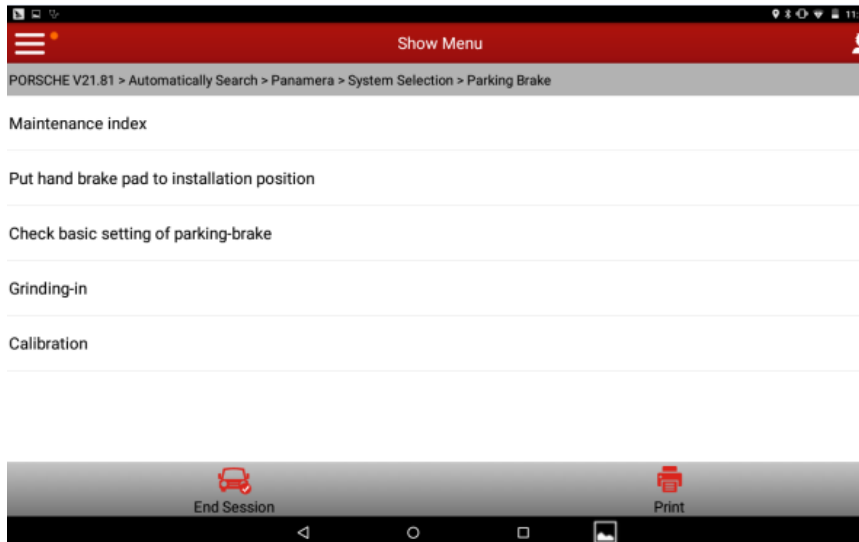
The procedure for replacing Porsche panamera brake pad must be performed strictly according to the service index requirements.

After replacing the brake pad, you must check parking brake basic setting and the hand brake pad gap (standard gap 1.9mm-2.4mm). You can perform the next step only after the setting is correct.

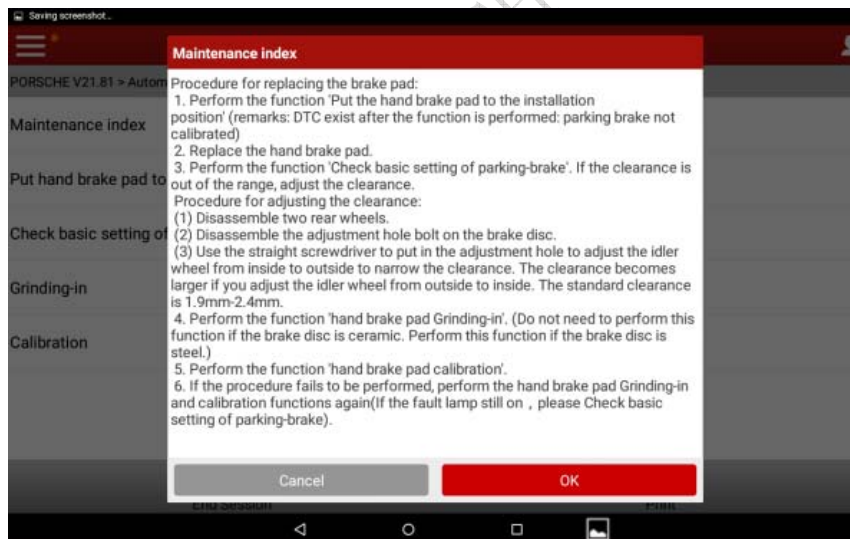
You must perform the running-in function if the steel brake pad is replaced, and then perform the calibration function.

Procedure:

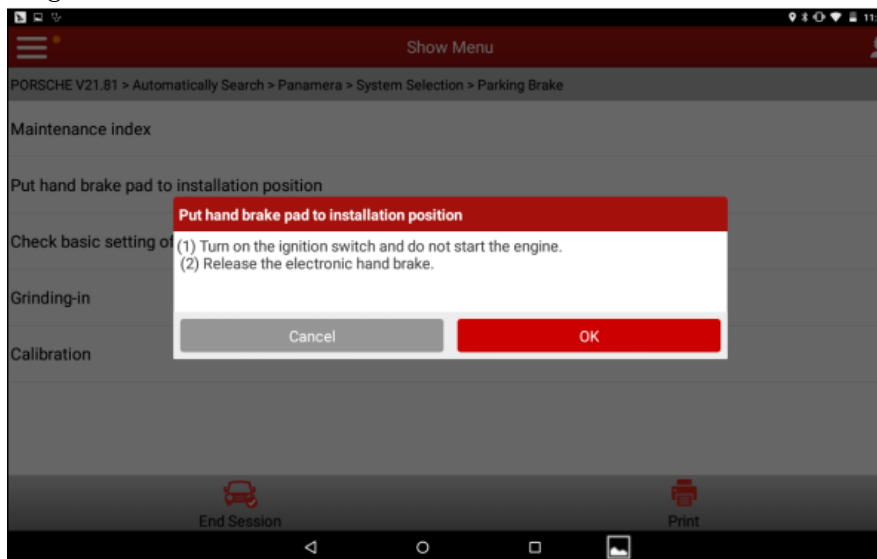
- 1). Choose Porsche V21.26 or a later version.
- 2). Choose Automatic Search. Porsche panamera (as of 2011) is found.
- 3). Choose System Selection.
- 4). Choose Parking Brake.
- 5). Choose Special Function.



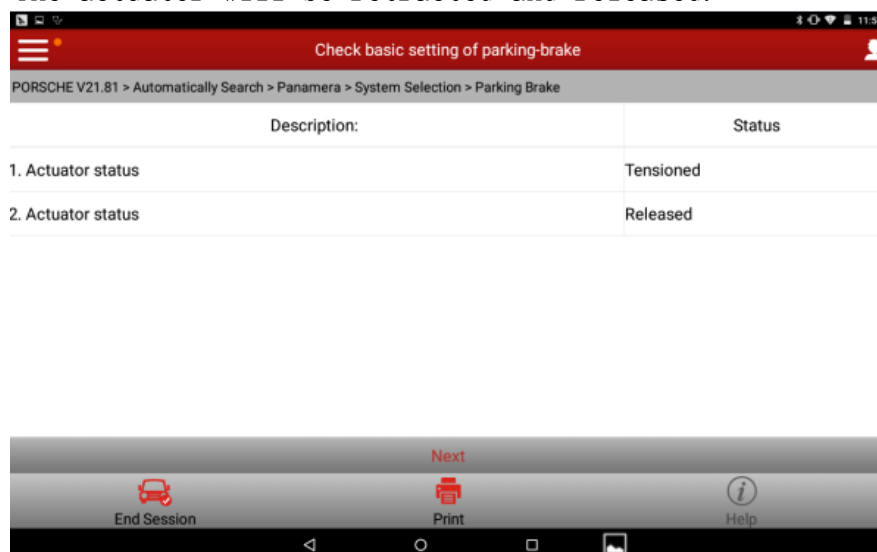
- 6). Choose Service Index to read index information.



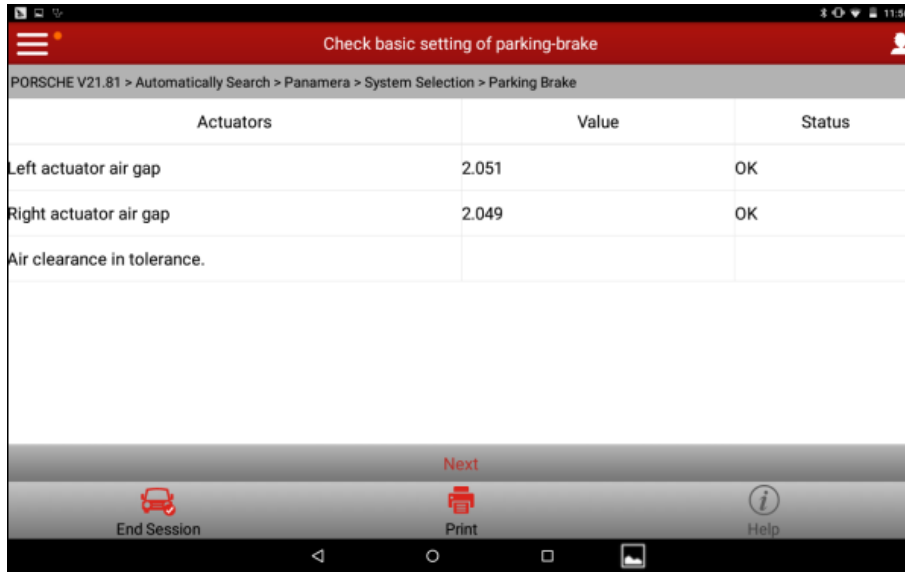
- 7). To replace the brake pad, choose the function "placing the brake pad on the installation position". Perform the function according to the hint and replace the brake pad.
- 8). After the new brake pad is installed, choose the function "checking parking brake basic setting".



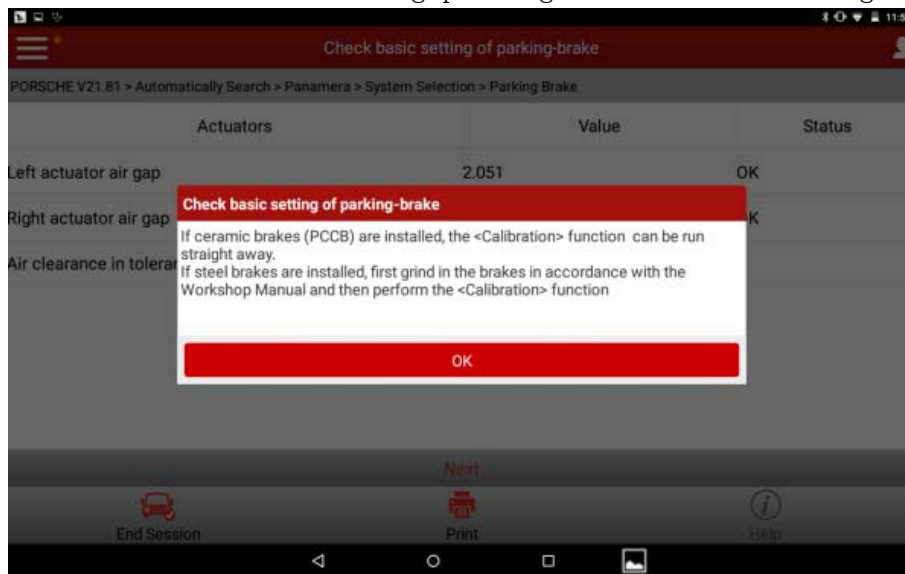
- 9). Click OK. The actuator will be retracted and released.



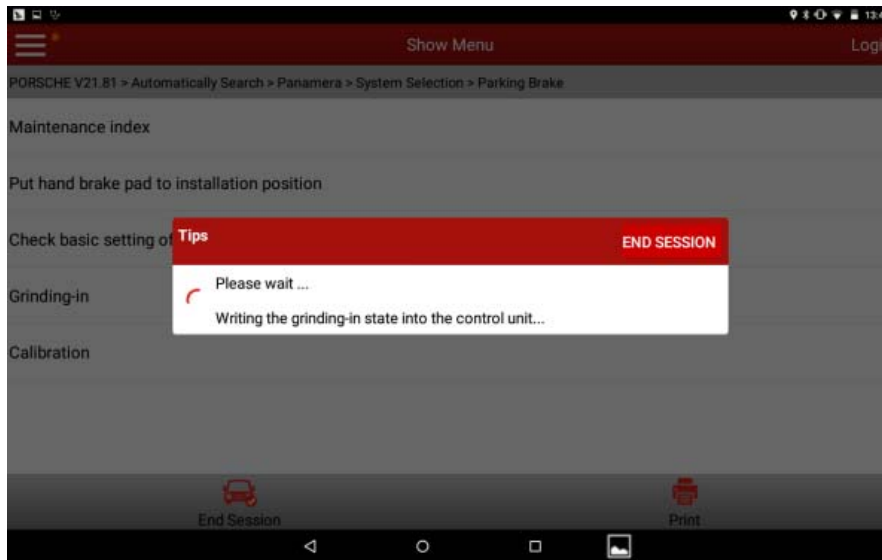
- 10). Click Next to check the brake pad gap. Note: The standard gap for Porsche panamera (as of 2011) is between 1.9mm-2.4mm. If the gap is out of the range, the status is an exclamation mark. Adjust the gap. If the gap is within the range, the status is a tick.



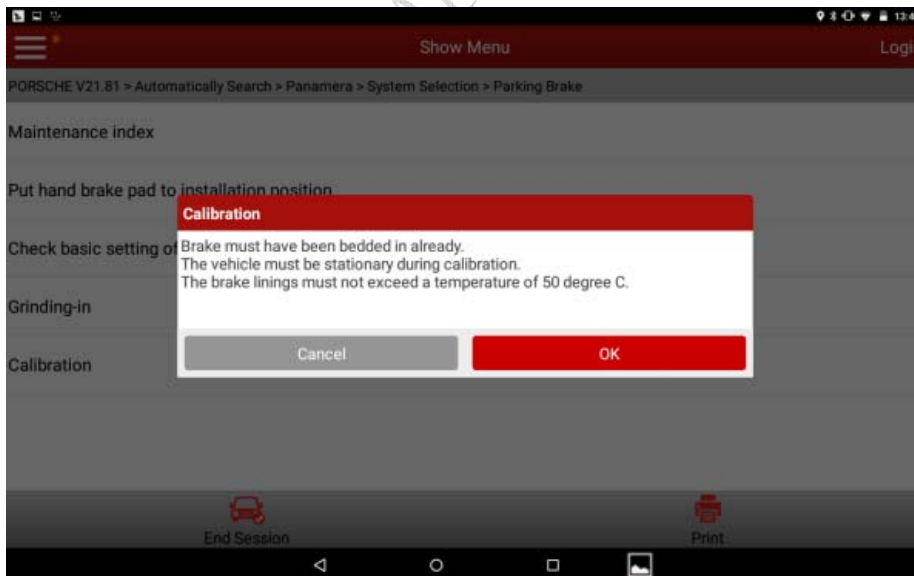
- 11). Click Next. The function "checking parking brake basic setting" is complete.



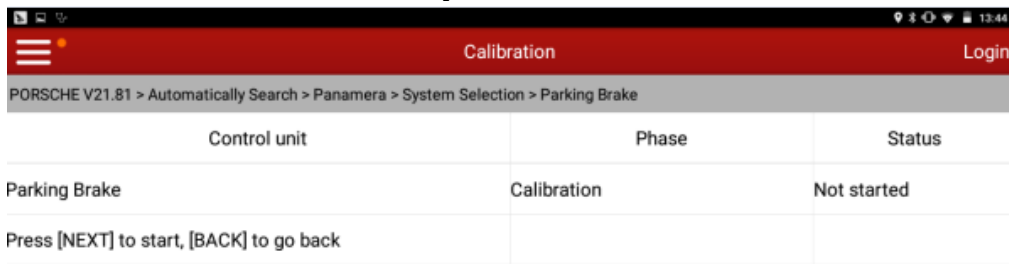
- 12). After the gap is adjusted, choose the "running-in" function to run in the steel brake pad.
- 13). After the brake pad is replaced, the running-in function (adaptation learning) must be performed. The instrument panel displays "parking system enters the maintenance mode". This function requires one person to drive and another to operate the decoder software. The scene conditions are also strict. The operators must make full preparation. After the running-in program is performed correctly for eight times, the decoder software displays a running-in success message and writes the success status into the control unit.



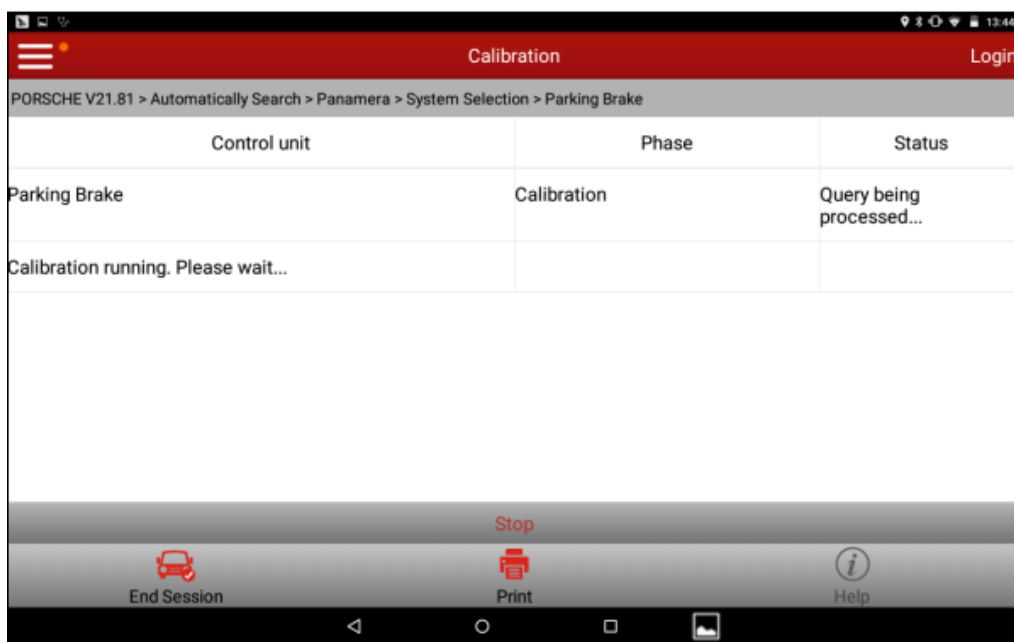
- 14). Choose the calibration function.



- 15). After the calibration conditions are met, click OK to perform the calibration function. The calibration is complete.



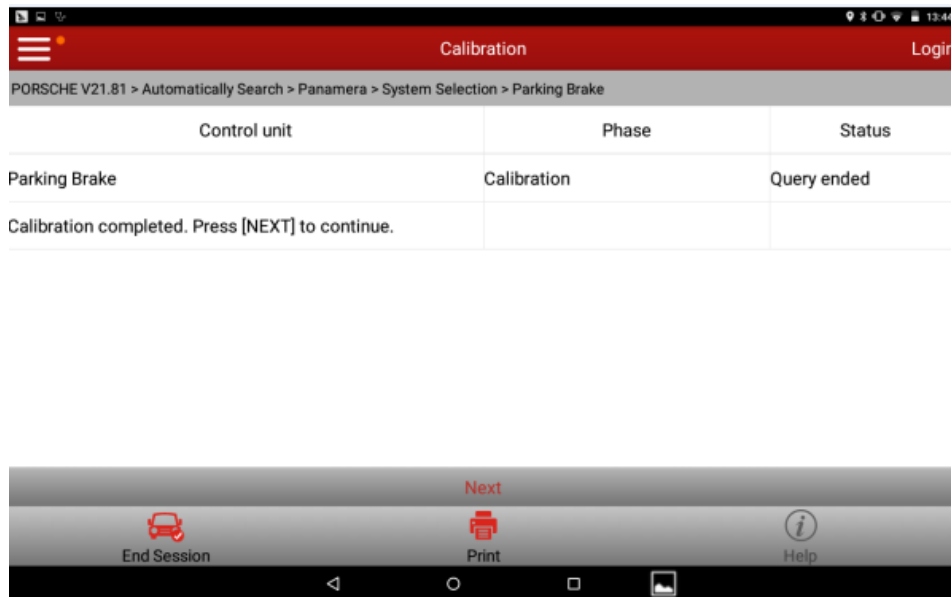
Control unit	Phase	Status
Parking Brake	Calibration	Not started
Press [NEXT] to start, [BACK] to go back		

Control unit	Phase	Status
Parking Brake	Calibration	Query being processed...
Calibration running. Please wait...		



- 16). Click Next to exit. Restart the engine to drive the car. Everything is normal. The brake pad replacement process is complete.



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