

## **VW/AUDI ELECTRONIC PARK BRAKE SERVICE & CONFIGURATION TOOL**

### **Features:**

- Service and replace brake pads and components used in the new Electronic Parking Brake system which have been introduced over a range of VW/AUDI vehicles.
- Enables service and repair functions to be carried out on EPB systems.
- Coverage: Passat, Tiguan, A4, A5, A6 and A8 Including Tilt Angle Calibration.
- Compatible with latest CAN vehicles.
- Updateable.

### **VW/AUDI EPB Function**

#### **Open Calipers-Audi/VW**

With the EPB Tool, the calipers can be retracted allowing the brake pads to be removed for service. This also provides assistance in fitting new Park Brake motors, brake calipers and discs as well as replacing wheel hubs because the calipers are safely retracted out of the way, releasing the braking components.

#### **Close Calipers- Audi/VW**

After servicing, the calipers can be advanced back to the original position without any changes to the current calibration being affected.

#### **Basic Setting- Audi/VW**

This will allow the brake system to cycle fully 3 times to check operation.

#### **Open Calipers And Change Pads-A8**

If new pads are fitted, then the wear indicator needs to be initialized using this process.

**Note:** the new pad thickness needs to be measured as part of this process.

#### **Close Calipers After Pad Change-A8**

After servicing the brake and replacing the pads the measured depth of the pads needs to be entered into the vehicle using this command.

#### **Tilt Angle Calibration-A6/A8**

If required, the Tilt Angle can be re-calibrated.

## **VW/AUDI EPB User Instructions**



**Function Select Button:** Scrolls through the various function options.



**Pad Size Set Button:** Selects the Pad Size in mm which is displayed by the Status LED.



**OK Button:** Confirms the option as displayed by the LEDs and is used to confirm different stages of the process.



**Function LED key:** for selecting desired option.

### Vehicle Set-Up

1. Ensure the vehicle ignition is turned off.
2. Using the application list and socket location diagrams below, connect the EPB tool to the identified diagnostic socket.
3. Turn on the vehicle ignition

### Standard Function-OPWN Command



1. Switch ignition 'ON'
2. Select 'Mode' by toggling the 'Function Select' button until the Required Mode LED is illuminated. In this case 'OPEN'.
3. Ensure the Park Brake is released.
4. Press 'OK button' and the pistons can be heard retracting (The function LED will flash during this process).
5. Once the process has finished the 'OK' light will flash.

Wait until the 'OK' light flashes and the calipers stop moving before carrying out any work on the braking system!

The Dashboard EPB light will flash constantly while the pistons are retracted.

### Standard Function-CLOSE Command



1. Turn ignition 'ON'.
2. Select 'Mode' by toggling the 'Function Select' button until the Required Mode LED is illuminated. In this case 'CLOSE'.
3. Press 'OK button' and the pistons can be heard advancing. The function LED will flash during this process.
4. Once the process is complete the 'OK' light will flash. Switch the ignition off for a few seconds and then back on.
5. Press and hold the brake pedal and then operate the Park Brake button on the car.
6. The procedure is now complete.

### Standard Function – BASIC SETTING Command



1. Turn ignition 'ON'.
2. Select 'Mode' by toggling the 'Function Select' button until the Required Mode LEDs are illuminated. In this case 'BASIC SETTING'.
3. Ensure the Park Brake is released.
4. Press 'OK button' and the pistons can be heard and opening and closing 3 times. The function LEDs will flash during this process.
5. Once the process is finished, the 'OK' light will flash.
6. The procedure is now complete.

### AUDI-TILT ANGLE Command

*Before performing this function, make sure the vehicle is level in the direction of travel. The vehicle must not be shaken or moved during this process.*



- . Turn ignition 'ON'. Ensure the Park Brake is released
- . Select 'Mode' by toggling the 'Function Select' button until the Required Mode LEDs are illuminated. In this case 'TILT ANGLE'.
- . Press 'OK button' and the function LEDs will flash. After about 2 seconds without movement the setting is saved and after a further 12 seconds the process is complete.
- . Once the process is finished the 'OK' light will flash.
- . The procedure is now complete.

### AUDI A8 – OPEN COMMAND WHEN CHANGING PADS



1. Turn ignition 'ON'.
2. Select 'Mode' by toggling the 'Function Select' button until the Required Mode LED is illuminated. In this case 'OPEN'.
3. Ensure the Park Brake is released.
4. Press 'OK button' and the pistons can be heard retracting. The function LED will flash during this process.
5. Once the process is finished, the 'OK' light will flash. Wait until the 'OK' light flashes and the calipers stop moving before carrying out any work on the braking system! The EPB light will flash constantly while the pistons are retracted.
6. Measure the thickness of the new/used pads, excluding back plate. The value will be between 3mm and 14mm. Make a note of the smallest value of the set for use in the 'CLOSE' procedure.

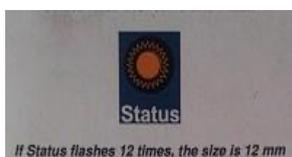
### AUDI A8 – CLOSE COMMAND WHEN CHANGING PADS



1. turn ignition 'ON'
2. Select 'MODE' by toggling the 'Function Select' button until the Required. In this case 'CLOSE'
3. Press 'OK' button' and the pistons can be heard advancing to the correct position. The function LED will flash during this process.
4. Once the process has finished, the 'OK' light will flash.
5. Wait until the 'STATUS' light flashes, then turn off the ignition for a few seconds, and then turn it back on.
6. press and hold the brake pedal and then operate the Park Brake button on the car.
7. Press the 'OK' button and then the 'STATUS' light will flash out the Current stored pad thickness.



8. Press the 'PAD SIZE' button to increment this value and press the 'OK' button so the 'STATUS' light will flash out the New pad thickness.



If this is not correct use the 'PAD SIZE' button to change this and again press the 'OK' button so the 'STATUS' light will again flash out the New pad thickness.



9. When happy with the selected and indicated value press the 'OK' button to save this value.



10. Once the process has finished, the 'OK' light will flash. Turn off the ignition and remove the key and ensure steering lock activates.

**WARNING – The motors will open the brakes fully and then close them again. Ensure no one is working on them at this point!**

11. After the motors have finished cycling, the procedure is then complete and the EPB Tool can be unplugged.