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Performance Tool W3000

Performance Tool W3000 Electronic Parking Brake Tool Instruction Manual

Model: W3000

1. INTRODUCTION

The Performance Tool W3000 Electronic Parking Brake (EPB) Tool is designed to assist automotive technicians and enthusiasts with electronic parking brake system diagnostics and service. This tool provides convenient functions for reading diagnostic trouble codes, accessing data streams, and performing essential maintenance tasks on compatible vehicle models.

This manual provides detailed instructions for the proper setup, operation, and maintenance of your W3000 tool. Please read this manual thoroughly before use to ensure safe and effective operation.



Image 1.1: The Performance Tool W3000 Electronic Parking Brake Tool, showing its compact design and OBD-II connector.

2. SETUP

Before using the W3000 tool, ensure your vehicle's ignition is in the OFF position. The tool is powered directly from the vehicle's OBD-II port.

- 1. Locate the OBD-II Port:** The OBD-II port is typically located under the dashboard on the driver's side of the vehicle. Refer to your vehicle's service manual if you cannot locate it.
- 2. Connect the Tool:** Firmly insert the W3000's OBD-II connector into the vehicle's OBD-II port. Ensure a secure connection.

3. **Power On:** Once connected, the tool should power on automatically. If not, turn the vehicle's ignition to the ON position (engine off).
4. **Language Selection:** The tool supports English and Spanish. Navigate the menu to select your preferred language if prompted or if you wish to change it.

3. OPERATING INSTRUCTIONS

The W3000 tool provides several key functions for electronic parking brake systems. Use the ENTER and EXIT buttons to navigate the menu and confirm selections.

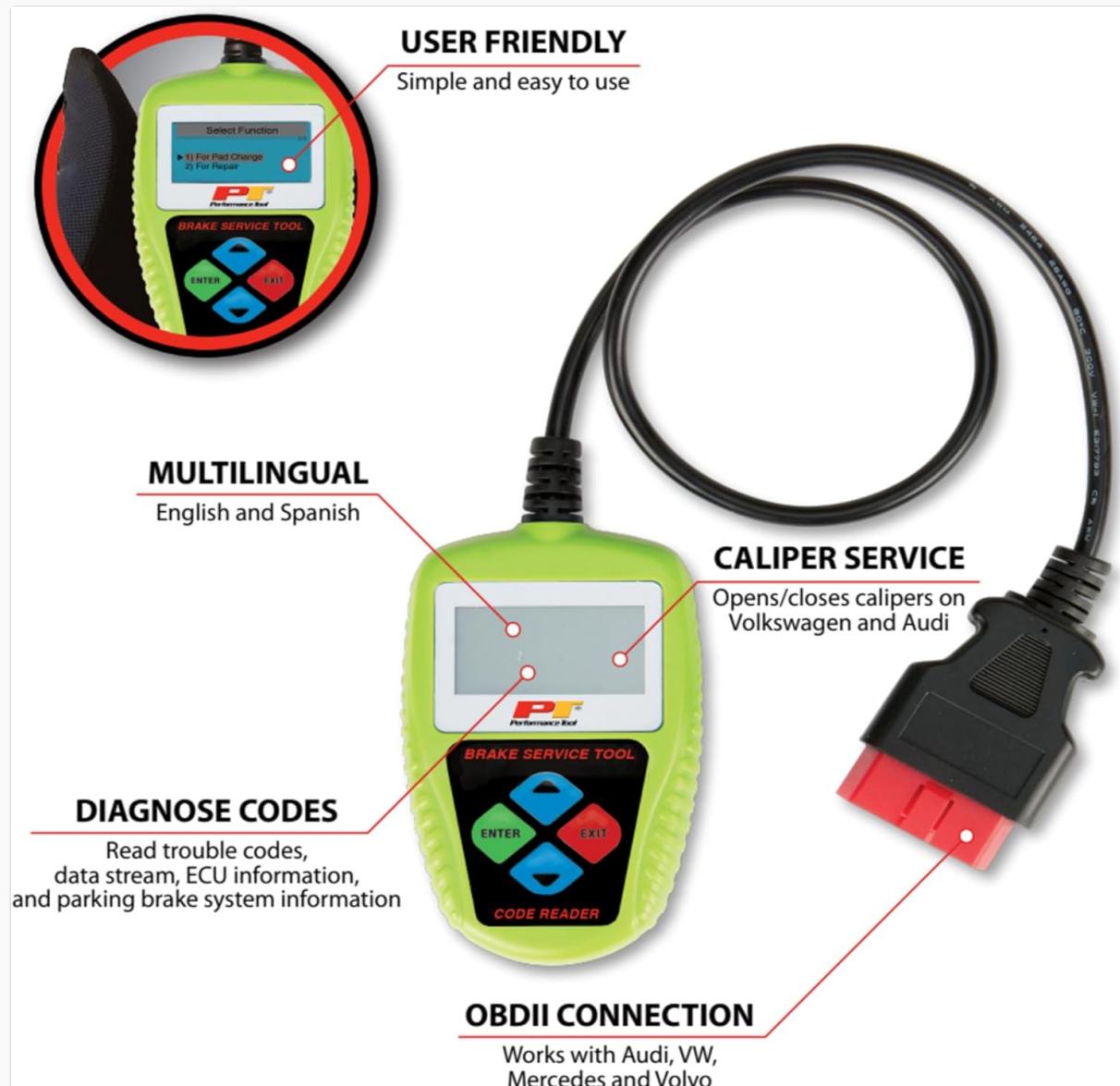


Image 3.1: Diagram illustrating the user-friendly interface, multilingual support, caliper service function, diagnostic code reading, and OBDII connection of the W3000 tool.

3.1. Diagnostic Functions

This tool allows you to read and clear diagnostic trouble codes (DTCs), view live data streams, and access ECU information related to the parking brake system.

- **Read DTCs:** Select the 'Read Codes' option from the main menu to display current, pending, and historic trouble codes.
- **Clear DTCs:** After addressing any issues, select 'Clear Codes' to erase the stored trouble codes from the vehicle's memory.
- **Data Stream:** View real-time data parameters from the EPB system.

3.2. Caliper Service

The W3000 facilitates the opening and closing of electronic parking brake calipers for servicing brake pads, discs, or performing brake fluid changes and bleeding procedures.

- **Open Calipers:** Select the 'Open Calipers' function to retract the electronic parking brake pistons, allowing for brake component replacement.
- **Close Calipers:** After servicing, select the 'Close Calipers' function to return the pistons to their operational position.
- **Brake Fluid Change/Bleed:** The tool can assist in the brake fluid change and bleeding process on compatible Audi, VW, Mercedes, and Volvo vehicles. Follow the on-screen prompts.

3.3. Rear Brake System Reset

After replacing brake discs or pads, it is essential to reset the rear brake system to ensure proper function and calibration.

- **Reset Procedure:** Navigate to the 'Rear Brake Reset' option and follow the instructions displayed on the tool's screen. This will recalibrate the EPB system to the new components.

3.4. Sensotronic Brake Control (SBC)

For vehicles equipped with SBC brake control, the W3000 allows for deactivation and activation of the system for safe maintenance procedures.

- **Deactivate SBC:** Use this function before performing any work on the brake system to prevent accidental activation.
- **Activate SBC:** Re-activate the SBC system after all maintenance is complete.

4. MAINTENANCE

Proper care and maintenance will extend the life of your W3000 tool.

- **Cleaning:** Wipe the tool with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the tool in a clean, dry environment away from extreme temperatures and direct sunlight.
- **Cable Care:** Avoid kinking or sharply bending the OBD-II cable. Inspect the cable and connector for damage before each use.

5. TROUBLESHOOTING

If you encounter issues while using the W3000 tool, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Tool does not power on.	Loose OBD-II connection; Vehicle ignition off; Vehicle battery low.	Ensure the OBD-II connector is fully seated. Turn vehicle ignition to ON. Check vehicle battery voltage.

Problem	Possible Cause	Solution
"Link Error!" or "Won't Connect" message.	Incompatible vehicle model/year; Faulty OBD-II port; Tool software issue.	Verify your vehicle's make, model, and year against the compatibility list in Section 6. Try connecting to a different compatible vehicle if possible. Ensure the vehicle's ignition is ON.
Caliper service/reset function fails.	Incorrect procedure; Vehicle system error; Tool compatibility limitation.	Ensure all steps in the operating instructions are followed precisely. Check for any vehicle-specific requirements. Confirm vehicle compatibility for the specific function.

6. SPECIFICATIONS AND COMPATIBILITY

The Performance Tool W3000 is designed for specific vehicle makes and models. Please verify your vehicle's compatibility before use.

WORKS WITH:

Brand	Model	Year
Audi	A6/A8	2006 and newer
VW	Passat	2005 and newer
Mercedes Benz	E211/E219	Up to 2006
	S221	Up to 2007
Volvo	S80	2007 and newer
	V70	2008 and newer
	XC70	2010 and newer
	XC60	2010 and newer
	S60	2011 and newer

Image 6.1: Compatibility chart for the Performance Tool W3000, detailing supported brands, models, and years.

General Specifications:

- **Model:** W3000
- **Brand:** Performance Tool
- **Operating System:** Windows XP (internal tool OS, not for user interaction)
- **Language Support:** English, Spanish
- **Automotive Fit Type:** Universal Fit (via OBD-II port)

- **Item Weight:** 8 ounces
- **Product Dimensions:** 6 x 1.75 x 9.6 inches
- **Manufacturer:** Wilmar Corporation
- **UPC:** 039564132162

Vehicle Compatibility:

- **Audi:** A6/A8 (2006 and newer)
- **VW:** Passat (2005 and newer)
- **Mercedes Benz:** E211/E219 (up to 2006), S221 (up to 2007)
- **Volvo:** S80 (2007 and newer), V70 (2008 and newer), XC70 (2010 and newer), XC60 (2010 and newer), S60 (2011 and newer)

7. WARRANTY AND SUPPORT

The Performance Tool W3000 Electronic Parking Brake Tool comes with a 1-Year Limited Warranty. For warranty claims or technical support, please contact Wilmar Corporation, the manufacturer.

For additional information or support, please visit the official Performance Tool website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty purposes.