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> CanDo Launch Creader VI Automotive Scanner (CRP123) User Manual

## CanDo Creader VI / CRP123

# CanDo Launch Creader VI Automotive Scanner (CRP123) User Manual

OBD2 Car Code Reader, ABS/SRS/Engine/Transmission Diagnostic Scan Tool

## INTRODUCTION

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The CanDo Launch Creader VI (also known as Creader VII Plus or CRP123) is an advanced automotive diagnostic scanner designed for professional and home use. This device offers comprehensive diagnostic capabilities for various vehicle systems, including Engine, Anti-lock Braking System (ABS), Supplemental Restraint System (SRS), and Transmission. Featuring a full-color QVGA LCD screen, it provides fast and accurate data readings, graphing functions, and an ergonomic design for ease of use. This manual provides detailed instructions to help you effectively use your Creader VI scanner.

## SETUP

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1. **Unpacking:** Carefully remove the Creader VI scanner and all accessories from the packaging. Verify that all components are present.
2. **Connecting to Vehicle:**

Locate the vehicle's 16-pin Data Link Connector (DLC), typically found under the dashboard on the driver's side. Plug the Creader VI's OBDII cable securely into the vehicle's DLC. The device will power on automatically once connected to the vehicle's power supply.



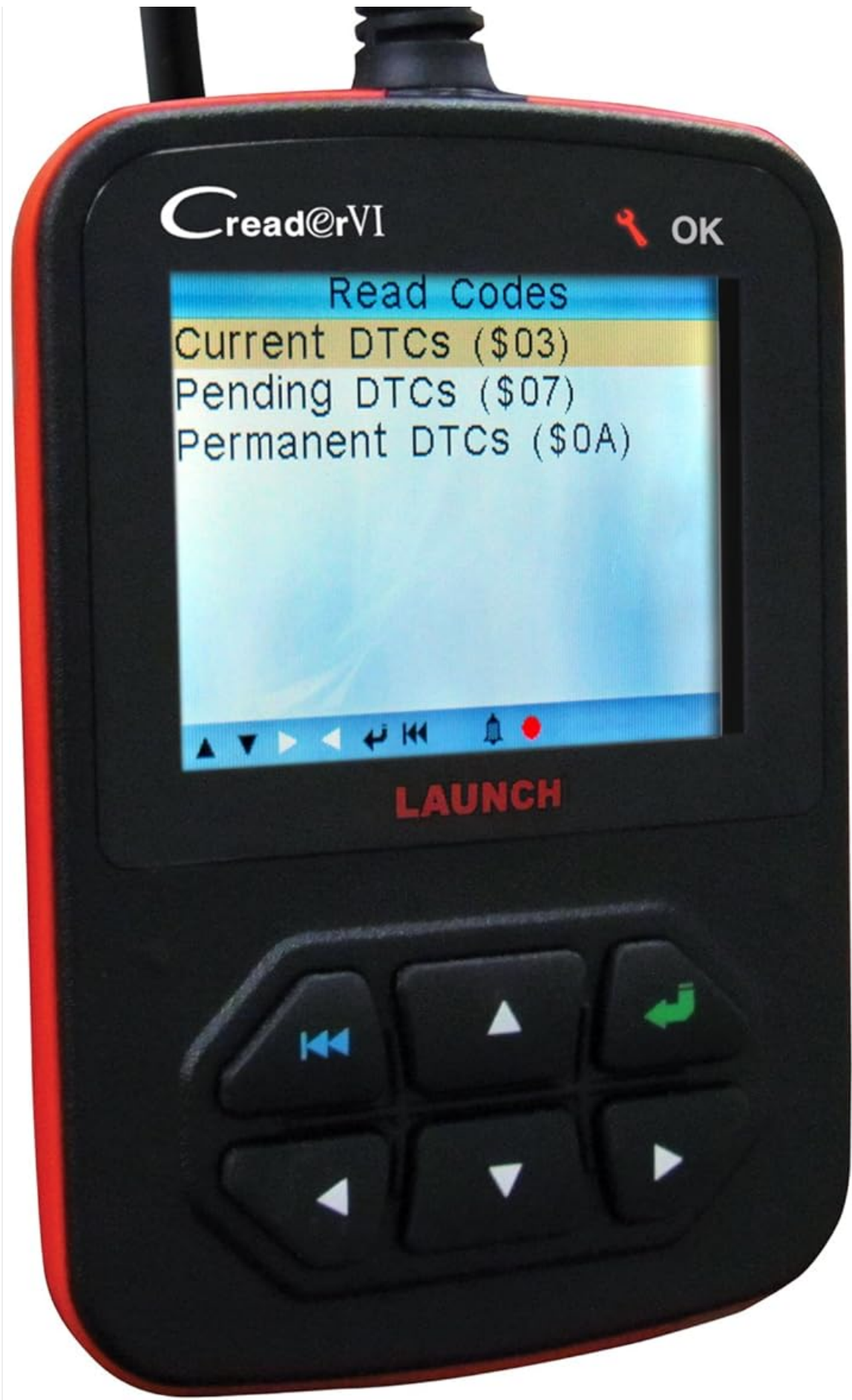


Image: The Creader VI scanner with its cable connected, showing the main menu for reading diagnostic trouble codes (DTCs).

3. **Initial Language Selection:** Upon first use, the device may prompt you to select your preferred language. Use the navigation buttons to select and confirm.
4. **Firmware Update (Recommended):** To ensure optimal performance and compatibility, it is highly recommended to update

the device firmware. Connect the Creader VI to a computer running Windows XP (or compatible operating system) using the provided USB cable. Visit the official website [www.crecorder.com](http://www.crecorder.com) to download the latest update package. Follow the on-screen instructions provided by the update software.

## OPERATING INSTRUCTIONS

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### Navigating the Menu

The Creader VI features a user-friendly interface with dedicated navigation buttons. Use the **Up** and **Down** arrow buttons to scroll through menu options. The **OK** button (often marked with a green phone icon or 'OK' text) confirms selections, and the **Back/Escape** button (often marked with a red 'X' or back arrow) returns to the previous screen.



Image: A user's hands operating the Creader VI, displaying the 'Diagnostic Menu' with various test options.

## Key Diagnostic Functions

- **Read and Clear DTCs (Diagnostic Trouble Codes):**

From the main menu, select 'Read Codes' to view current, pending, and permanent DTCs. To clear codes, select 'Clear Codes'. This will turn off the Check Engine Light (CEL) and erase diagnostic data. Ensure the vehicle's ignition is ON but the engine is OFF when clearing codes.

- **View Live Data:**

Access real-time sensor data from the vehicle's Engine Control Unit (ECU). This includes parameters like engine RPM, vehicle speed, oxygen sensor readings, coolant temperature, and more. The Creader VI can display up to four data graphs simultaneously in different colors for easy comparison.

- **Specific O2 Sensor Tests:**

Perform dedicated tests for oxygen sensors to diagnose issues related to emissions and fuel efficiency.

- **Readiness Monitors:**

Check the status of various emission-related monitors to determine if the vehicle is ready for an emissions test.

- **Evap System Test:**

Initiate a test of the Evaporative Emission Control System to detect leaks or other faults.

- **VPWR (Control Module Voltage):**

Monitor the control module voltage. This is the power input to the control module. Note that vehicles using a 42V battery may show significantly different VPWR values compared to standard 12V systems.



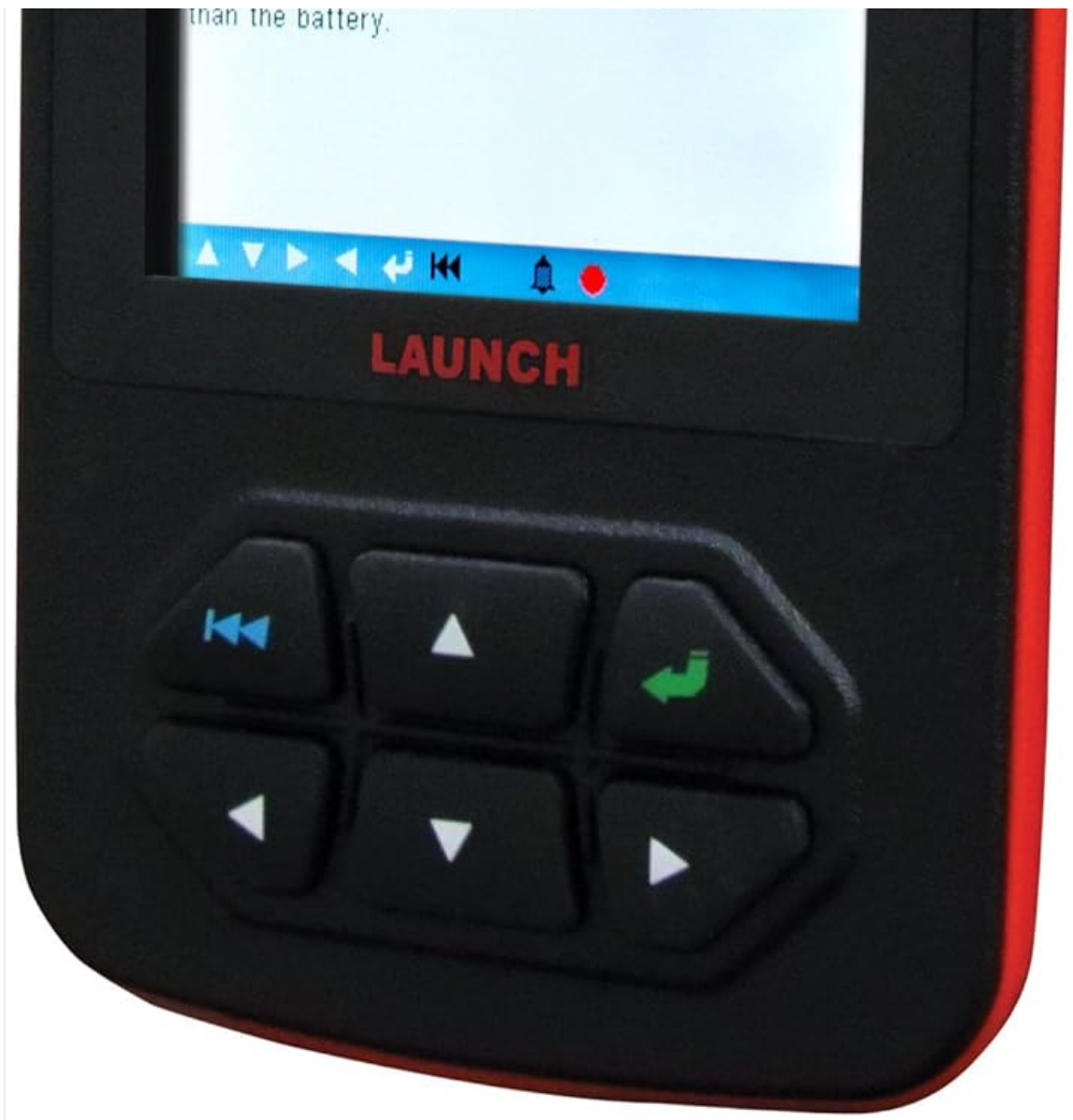


Image: The Creader VI screen showing the 'VPWR' function, displaying control module voltage and a brief description.

## MAINTENANCE

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- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid using abrasive cleaners or solvents that could damage the screen or casing.
- **Software Updates:** Regularly check the official website ([www.crecorder.com](http://www.crecorder.com)) for software and firmware updates. Keeping your device updated ensures compatibility with newer vehicle models and improved functionality.
- **Storage:** Store the Creader VI in a dry, cool environment, away from direct sunlight and extreme temperatures. Keep it in its original case or a protective pouch to prevent damage.

## TROUBLESHOOTING

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- **Device Does Not Power On:**
  - Ensure the OBDII cable is securely connected to the vehicle's DLC.
  - Verify the vehicle's ignition is ON.
  - Check the vehicle's battery voltage; a low battery might prevent the scanner from powering up.
- **Communication Error with Vehicle:**
  - Confirm the vehicle is OBDII compliant (generally 1996 and newer models).

- Ensure the ignition is ON.
  - Try connecting to a different OBDII compliant vehicle to rule out a vehicle-specific issue.
  - Inspect the OBDII cable for any damage.
- **Unable to Update Firmware:**
    - Ensure the USB cable is functioning correctly and securely connected to both the device and the computer.
    - Verify your computer's operating system is compatible (e.g., Windows XP).
    - Download the correct update package for your specific model from the official website.
  - **Inaccurate Readings:**
    - Ensure the vehicle's engine is at operating temperature for certain tests (e.g., O2 sensor tests).
    - Perform a firmware update to ensure the latest diagnostic protocols are installed.

## SPECIFICATIONS

<b>Brand</b>	CanDo
<b>Model</b>	Creader VI / CRP123
<b>Power Source</b>	Corded Electric (via OBDII port)
<b>Screen Size</b>	2.8 Inches (QVGA LCD, full color)
<b>Item Weight</b>	15.2 ounces
<b>Compatibility</b>	All 1996 and newer domestic and imported cars, SUVs, and light trucks (OBDII protocols/CAN compliant)
<b>Supported Operating System (for updates)</b>	Windows XP (and potentially newer compatible versions)

## WARRANTY INFORMATION

The CanDo Launch Creader VI (CRP123) comes with a **1 Year Parts & Labor** manufacturer's warranty. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the warranty card included with your product or contact CanDo customer support.

## SUPPORT

For technical assistance, product inquiries, or warranty support, please contact CanDo customer service. You can also visit the official website for FAQs, software downloads, and additional resources:

**Official Website:** [www.crecorder.com](http://www.crecorder.com)

**Customer Service:** Refer to the contact information provided in your product packaging or on the official website.

