



Manuals.plus /

› YUSTDA /

› YUSTDA CAR Power Cord Replacement for Whistler Z-31R Laser Radar Detector User Manual

YUSTDA B081PVB9MV

CAR Power Cord Replacement User Manual

For Whistler Z-31R Laser Radar Detector

Brand: YUSTDA | Model: B081PVB9MV

1. PRODUCT OVERVIEW

This document provides instructions for the YUSTDA CAR Power Cord Replacement, designed for use with the Whistler Z-31R Laser Radar Detector. This power cord is engineered to deliver reliable power to your device in a vehicle environment.

Key features include:

- **High Quality Construction:** Manufactured with durable materials for longevity.
- **Wide Input Voltage:** Supports DC input from 12V to 24V, suitable for various vehicle power outlets.
- **Integrated Protection:** Features built-in dynamic IC, charger IC, and power fuse for rapid charging and comprehensive safety.
- **Safety Features:** Includes over current protection, total power protection, over voltage protection, and short circuit protection.
- **Certifications:** Complies with FCC, CE, and RoHS standards.



Image 1.1: The YUSTDA CAR Power Cord Replacement. This image displays the full length of the black power cord, featuring a standard car cigarette lighter plug on one end and a barrel connector on the other, designed to connect to compatible devices.

2. SETUP AND INSTALLATION

Follow these steps to properly install the power cord:

1. **Ensure Vehicle is Off:** Before connecting, ensure your vehicle's ignition is turned off to prevent any electrical surges.
2. **Locate Power Outlet:** Identify the 12V-24V cigarette lighter or auxiliary power outlet in your vehicle.
3. **Connect to Vehicle:** Insert the car cigarette lighter plug end of the YUSTDA power cord firmly into the vehicle's power outlet.
4. **Connect to Device:** Insert the barrel connector end of the power cord into the power input port of your Whistler Z-31R Laser Radar Detector. Ensure a secure connection.
5. **Verify Connection:** Once both ends are connected, you may turn on your vehicle's ignition. The radar detector should power on, indicating a successful connection.

3. OPERATING INSTRUCTIONS

This power cord functions as a direct replacement for the original power adapter of your Whistler Z-31R Laser Radar Detector. Once properly installed, the power cord will supply continuous power to your device when the vehicle's power outlet is active.

- The power cord is designed for automatic operation. No manual intervention is required once connected.
- The built-in safety features protect both the power cord and your connected device from electrical irregularities.

Safety Design with Multiple Protections

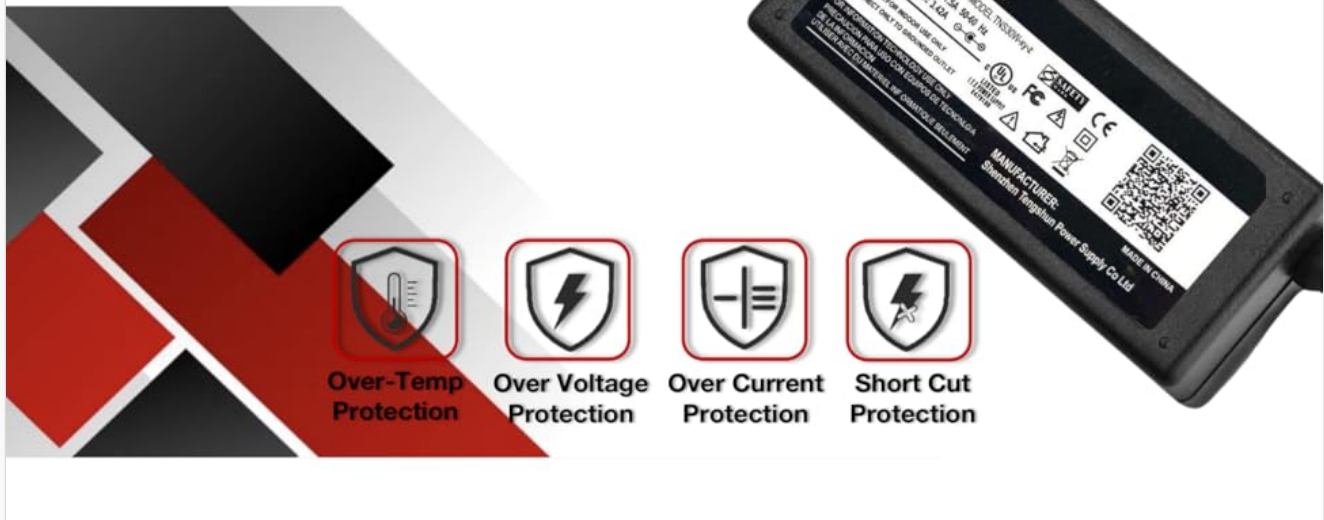


Image 3.1: Safety Design with Multiple Protections. This image illustrates the various safety features integrated into the power adapter, including icons for Over-Temp Protection, Over Voltage Protection, Over Current Protection, and Short Circuit Protection, ensuring safe operation.

4. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your YUSTDA CAR Power Cord, follow these maintenance guidelines:

- **Keep Clean:** Periodically wipe the exterior of the cord and connectors with a dry, soft cloth to remove dust and debris.
- **Avoid Extreme Conditions:** Do not expose the power cord to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Handle with Care:** Avoid bending or twisting the cable excessively, especially near the connectors, to prevent internal wire damage.
- **Store Properly:** When not in use, coil the cable loosely and store it in a dry, cool place.

High Quality Power Cable Design



Image 4.1: High Quality Power Cable Design. This image provides a cross-sectional view of the power cable, highlighting its internal structure, including high-quality copper wire and a PVC insulation jacket, which contribute to its durability and performance.

5. TROUBLESHOOTING

If you encounter issues with your power cord, refer to the following common problems and solutions:

- **Device Not Powering On:**

- Ensure both ends of the power cord are securely connected to the vehicle's power outlet and the radar detector.
- Check if the vehicle's power outlet is active (some outlets only work when the ignition is on).
- Test the vehicle's power outlet with another known working device to confirm it is supplying power.
- Inspect the power cord for any visible damage, such as cuts or frayed wires.

- **Intermittent Power:**

- Ensure the connections are tight and not loose, which can cause intermittent power.
- Check for debris inside the vehicle's power outlet or on the power cord's plug that might be obstructing a solid connection.

- **Overheating:**

- If the power cord or its connectors feel excessively hot, immediately disconnect it.
- Ensure the power cord is not covered or placed in an area with poor ventilation.
- Verify that the radar detector's power requirements do not exceed the power cord's specifications.

6. PRODUCT SPECIFICATIONS

Feature	Specification
Brand	YUSTDA
Model (ASIN)	B081PVB9MV
Compatibility	Whistler Z-31R Laser Radar Detector
Input Voltage	DC 12-24V
Output Voltage	DC (Specific output voltage matches device requirement)
Connector Gender	Male-to-Male
Special Features	Short Circuit Protection, Over Current Protection, Over Voltage Protection, Total Power Protection
Certifications	FCC, CE, RoHS

Durable & Compact Design



Image 6.1: Durable & Compact Design. This image highlights the robust construction and small form factor of the power adapter, emphasizing its high-quality control procedures for safe and durable operation, and its suitability for various environments.

7. WARRANTY AND SUPPORT

This product is typically covered by a standard return policy, allowing for returns or replacements within 30 days of purchase. For specific warranty details, please refer to your purchase documentation or contact the seller directly. For any questions, technical assistance, or support regarding your YUSTDA CAR Power Cord Replacement, please contact customer service:

- **Email:** epcustomerservice@yahoo.com

