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RED WOLF AXUSB-SUB

RED WOLF AXUSB-SUB Car Radio Factory USB Port Retention Cable Instruction Manual

Model: AXUSB-SUB

1. Introduction

This manual provides detailed instructions for the installation and use of the RED WOLF AXUSB-SUB Car Radio Factory USB Port Retention Cable. This cable is designed to allow the continued use of your vehicle's original factory USB port when upgrading to an aftermarket stereo head unit.

The AXUSB-SUB ensures that your factory USB port remains functional for charging devices and playing media through your new aftermarket stereo, provided the aftermarket unit has a compatible USB input.

2. Compatibility

The RED WOLF AXUSB-SUB USB port adapter is compatible with the following Subaru vehicle models and years:

- Subaru WRX SIT: 2011-2014, 2016-2022
- Subaru Impreza: 2011-2020
- Subaru Forester: 2012-2022
- Subaru Crosstrek: 2013-2022
- Subaru Outback: 2011-2022
- Subaru Legacy: 2012-2022

Important Notes:

- **Not compatible with Subaru WRX 2015.**
- **Not compatible with vehicles that do not have an existing factory AUX/USB input.**
- Ensure your aftermarket radio has a rear USB input for connection.
- Verify your vehicle's factory USB connector is a 4-pin type.



Image: Visual representation of compatible Subaru models and years for the AXUSB-SUB cable.

3. Product Features and Details

The RED WOLF AXUSB-SUB cable is engineered for reliable performance and ease of integration.

- **Purpose:** Retains the functionality of the factory USB port when installing an aftermarket stereo head unit.
- **Construction:** Features a high-quality pure copper core for excellent conductivity and efficient data transfer/charging.
- **Durability:** Encased in a durable, flexible PVC shell designed for a long lifespan, heat resistance, and tangle-free handling.
- **Length:** Approximately 12.5 inches (31.75 cm).
- **Connectors:** One end connects to the vehicle's OEM 4-pin USB connector, and the other end (standard USB Type-A male) plugs into the aftermarket stereo's USB input.



Image: The RED WOLF AXUSB-SUB USB Port Retention Cable, showing both ends of the adapter.

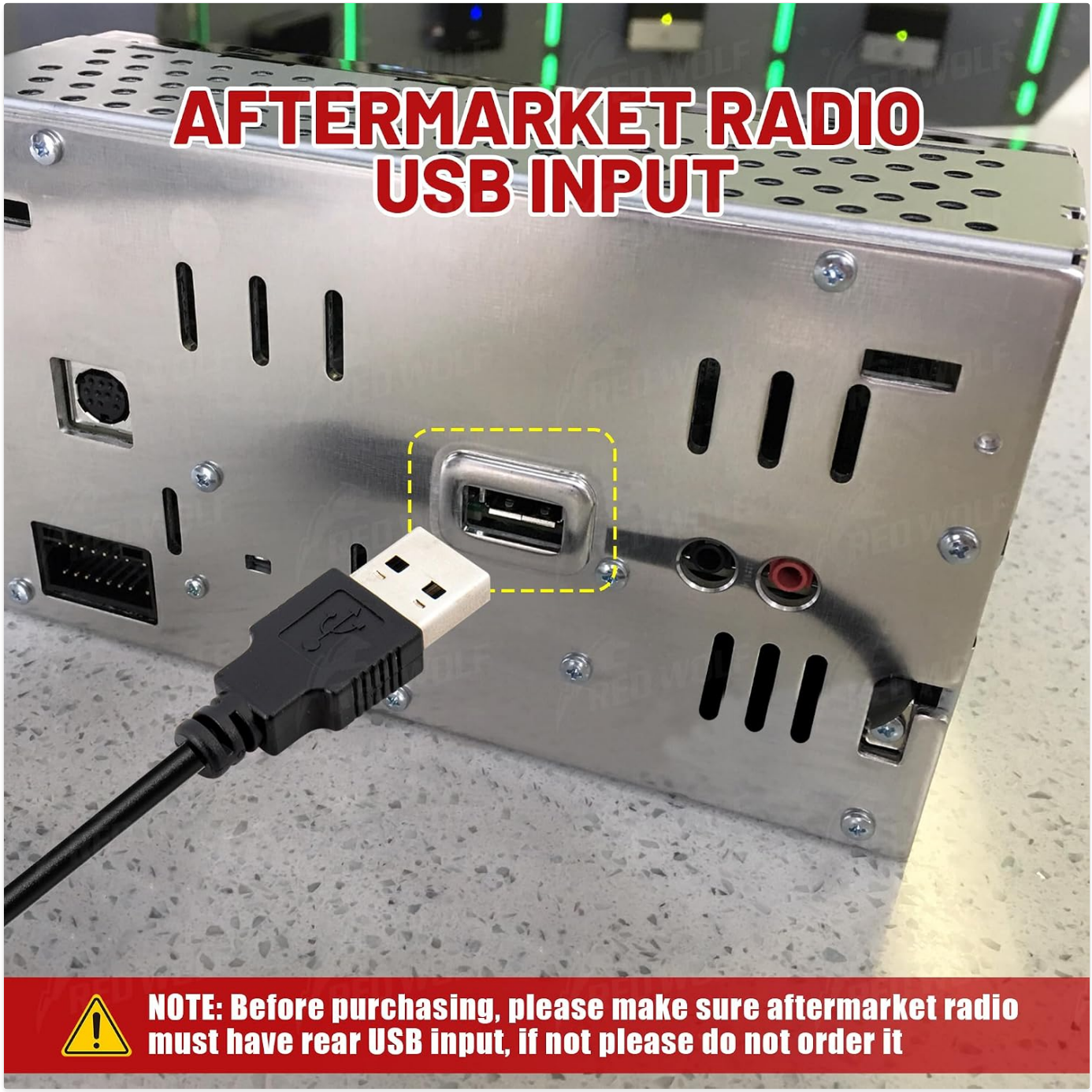

Image: Close-up view detailing the cable length, the black vehicle connector, and the standard USB connector for the aftermarket stereo.



Image: Cross-section illustration highlighting the pure copper core and durable PVC shell, emphasizing material quality.

4. Setup and Installation

The installation of the AXUSB-SUB cable is designed to be plug-and-play, requiring no cutting of OEM wiring harnesses. Follow these steps for a successful installation:

1. **Preparation:** Before beginning, ensure your vehicle's ignition is off and the battery is disconnected to prevent electrical shorts.
2. **Access Factory USB Connector:** Carefully remove the necessary trim panels and the factory radio to gain access to the rear of the factory head unit and its wiring. Locate the factory 4-pin USB connector.
3. **Connect to Factory Harness:** Take the black connector end of the RED WOLF AXUSB-SUB cable and plug it directly into the vehicle's OEM 4-pin USB wiring harness connector. Ensure a secure connection.
4. **Connect to Aftermarket Stereo:** Take the standard USB Type-A male end of the RED WOLF AXUSB-SUB cable and plug it into the rear USB input port of your aftermarket stereo head unit.

5. **Secure Wiring:** Route the cable neatly and secure it with zip ties or electrical tape to prevent it from interfering with other components or becoming loose.
6. **Reassemble:** Reconnect the vehicle battery, turn on the ignition, and test the functionality of the USB port with your new aftermarket stereo. Reinstall all trim panels and the aftermarket stereo.

Note: Always refer to your vehicle's service manual and your aftermarket stereo's installation guide for specific instructions on removing panels and connecting the stereo.



Image: Illustration showing the typical location of the 4-pin factory USB connector on the back of a car radio, with an inset of the connector type.



Image: A view of an aftermarket car radio's rear panel, highlighting the USB input port where the retention cable connects.

5. Operating Instructions

Once the RED WOLF AXUSB-SUB cable is correctly installed, your factory USB port will function as an input for your aftermarket stereo.

- **Device Connection:** Plug your USB device (e.g., smartphone, USB flash drive) into the factory USB port in your vehicle.
- **Media Playback:** Select the USB input source on your aftermarket stereo to access media files stored on your connected USB device.
- **Charging:** The factory USB port will provide power for charging compatible devices, subject to the power output capabilities of your aftermarket stereo's USB port.



Image: A visual comparison showing a functional factory USB port (charging and music playback) with the retention cable installed, versus a non-functional port without it.

6. Maintenance

The RED WOLF AXUSB-SUB cable is designed for durability and requires minimal maintenance.

- **Inspection:** Periodically check the connections to ensure they remain secure, especially if you experience intermittent functionality.
- **Cleaning:** Keep the USB connectors free from dust and debris. Use a dry, soft cloth or compressed air if necessary.
- **Handling:** Avoid excessive pulling or bending of the cable, particularly at the connector points, to prevent internal damage.

7. Troubleshooting

If you encounter issues with your RED WOLF AXUSB-SUB cable, consider the following troubleshooting steps:

- **No Power/No Data Transfer:**
  - Verify that both ends of the AXUSB-SUB cable are securely connected to the factory harness and the aftermarket stereo.
  - Ensure your aftermarket stereo is powered on and correctly configured to recognize USB inputs.
  - Check if the aftermarket stereo itself has a functional USB port by testing it with a different USB cable directly.
  - Confirm that your vehicle originally came with a factory USB port. The cable will not add USB functionality to vehicles without it.
- **Loose Connection:**
  - If the connection feels loose, especially at the factory end, ensure it is fully seated. In some cases, securing the connection with electrical tape after installation can prevent dislodgement due to vehicle vibrations.
- **Incompatible Vehicle Model:**
  - Double-check the compatibility list in Section 2. This cable is specifically designed for certain Subaru models and years and will not work with incompatible vehicles (e.g., Subaru WRX 2015).
- **Aftermarket Radio USB Input:**
  - Confirm that your aftermarket radio has a dedicated rear USB input. Some aftermarket units may not have this feature, rendering the retention cable unusable.

8. Specifications

Brand	RED WOLF
Model Number	AXUSB-SUB
Connector Type	USB (Male-to-Male)
Cable Type	USB Retention Cable
Compatible Devices	Aftermarket Car Stereos with USB input
Special Features	Heat Resistant, Tangle Free, Pure Copper Core
Color	Black
Number of Pins (Vehicle Connector)	4
Cable Length	Approximately 12.5 inches (31.75 cm)
Item Weight	Approximately 0.634 ounces (0.02 kg)
Maximum Voltage	5 Volts (DC)

9. Warranty and Support

RED WOLF products are designed for quality and reliability. Specific warranty details are not provided in this manual. For warranty information, technical support, or assistance with installation, please contact RED WOLF customer service through their official channels or the retailer where the product was purchased.

You can visit the RED WOLF store on Amazon for more information:RED WOLF Amazon Store

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