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RED WOLF RWF-XCCL00-1421

RED WOLF Car Radio Harness Installation Manual

Model: RWF-XCCL00-1421

Introduction

This manual provides detailed instructions for installing the RED WOLF Car Radio Harness. This product is designed to simplify the installation of an aftermarket stereo system in compatible vehicles by providing a direct plug-and-play connection, eliminating the need to cut or splice original equipment manufacturer (OEM) wiring. Please read all instructions carefully before beginning installation.

Vehicle Compatibility

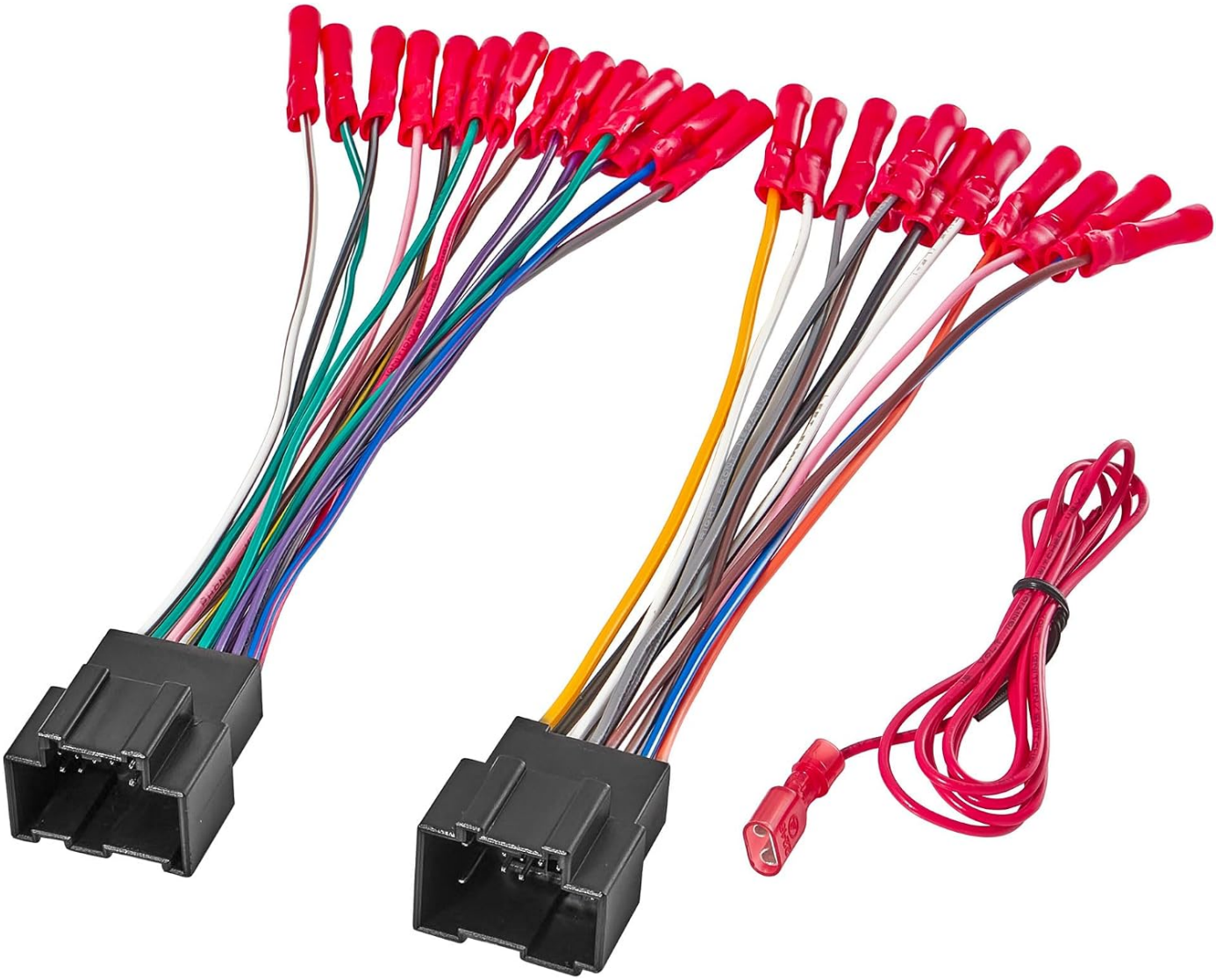
The RED WOLF Car Radio Harness is compatible with a range of vehicles. Please verify your vehicle's make, model, and year against the list below:

- **Chevrolet:** 2007-2013 Avalanche, 2007-2013 Equinox, 2008-2015 Express 1500, 2008-2015 Express 2500, 2008-2015 Express 3500, 2010-2016 Impala, 2006-2009 Monte Carlo, 2007-2014 Silverado 1500, 2007-2014 Silverado 2500, 2007-2014 Silverado 3500, 2007-2014 Suburban, 2007-2014 Tahoe, 2009-2017 Traverse, 2006-2011 Chevy HHR, 2007-2011 CAPTIVA, Malibu LS 2008-2011.
- **GMC:** 2007-2012 Acadia, 2006-2015 Savana 1500, 2006-2017 Savana 2500, 2006-2015 Savana 3500, 2007-2014 Yukon, 2010-2014 GMC Yukon XL 1500, 2007-2014 Sierra 1500, 2007-2014 Sierra 2500, 2007-2014 Sierra 3500.
- **Buick:** 2008-2012 Enclave, 2006-2011 Lucerne.
- **Cadillac:** 2006-2011 DTS, 2007-2012 Escalade, 2007-2012 Escalade ESV, 2007-2012 Escalade EXT, 2007-2009 SRX.
- **Hummer:** 2008-2009 H2.
- **Pontiac:** 2009-2010 Viber, 2007-2009 Torrent, 2007-2010 G5, 2006-2010 Solstice, 2009-2009 Vibe.
- **Suzuki:** 2007-2009 XL-7.
- **Hyundai:** 2007 Santa Fe.

What's in the Box

Your package should contain the following items:

- RED WOLF Car Radio Harness (Model RWF-XCCL00-1421)

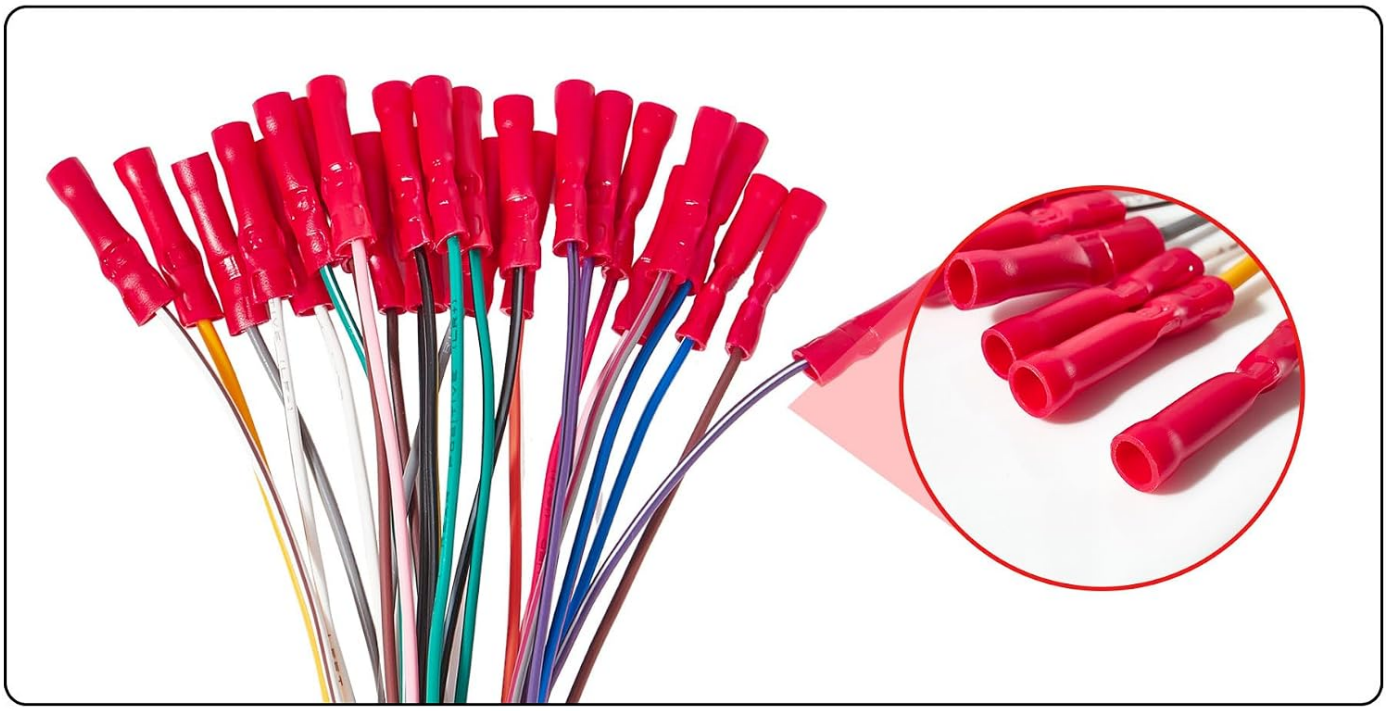


This image displays the RED WOLF car radio harness, featuring two multi-pin connectors for integration with vehicle wiring and a distinct red wire for ignition power.

Key Features

- **Easy Installation:** Designed for direct connection without cutting or modifying OEM wiring.
- **Pre-terminated Connectors:** Includes wire connector butts for convenient and quick installation.
- **High Conductivity:** Constructed with a professional pure copper core for excellent electrical conductivity and reliable performance.
- **Vehicle Specific Fit:** Engineered to match specific vehicle models for a perfect fit.

UPGRADED VERSION RADIO WIRE HARNESS





PVC MATERIAL MADE

Flame retardant and durable protection wire

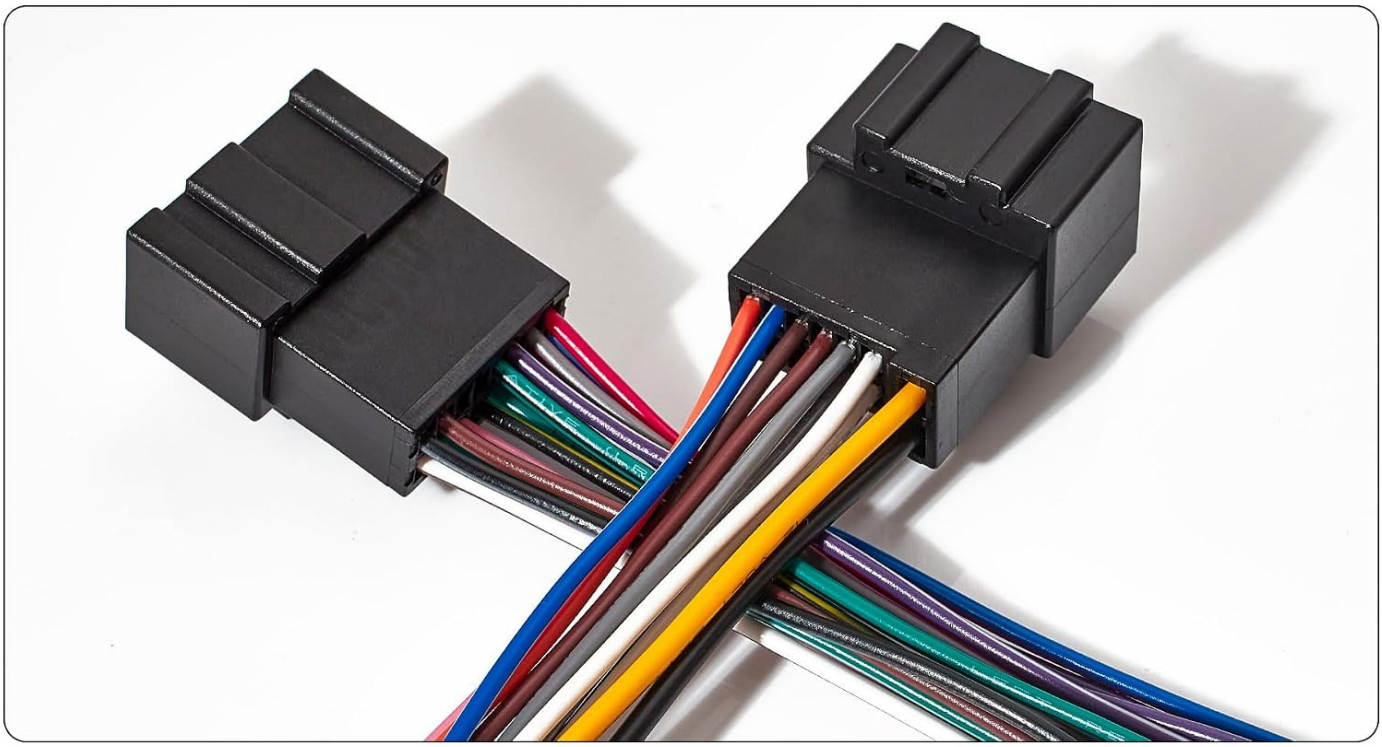


SUPERIOR PURE COPPER CORE

It has good electrical conductivity and reliability

Detail of the harness wires, highlighting the pre-terminated butt connectors for easier installation and the pure copper core for optimal conductivity.

FEATURE



Without cutting OEM Wire

Match perfectly

Big time saver

Excellent conductivity

The image illustrates the two primary connectors of the RED WOLF harness, emphasizing its design for direct connection without modifying original vehicle wiring, ensuring a precise fit, and efficient power transfer.

Setup and Installation

Before beginning, ensure your vehicle's battery is disconnected to prevent electrical shorts or damage.

1. Prepare the Vehicle and Aftermarket Stereo

1. Carefully remove the existing car radio from your vehicle's dashboard. Refer to your vehicle's service manual for specific instructions on dashboard disassembly.
2. Identify the factory wiring harness connected to your OEM radio.
3. Unplug the factory harness from the OEM radio.

2. Connect the RED WOLF Harness

The RED WOLF harness is designed to connect directly to your aftermarket stereo's wiring and then to your vehicle's

factory harness.

- Match the wires from the RED WOLF harness to the corresponding wires on your aftermarket stereo's harness. The harness comes with pre-terminated butt connectors for ease of use.
- Ensure all connections are secure and properly insulated.



This image provides a visual guide to where the harness connectors plug into the back of a compatible car radio unit. It also shows detailed views of the harness connectors themselves.

3. Ignition Wire Connection (If Applicable)

In some vehicle models, the OEM radio harness may not provide a dedicated ignition wire (ACC power) to turn the aftermarket stereo on and off with the vehicle's ignition. If your aftermarket stereo does not power on/off with the ignition after connecting the main harness, you will need to use the separate red wire provided.

- Connect the provided red wire to a reliable 12-volt ignition power source in your vehicle. This typically involves tapping into a fuse box or an existing ignition-switched wire.
- Ensure this connection is secure and properly insulated to prevent electrical issues.

12 VOLT POWER RED WIRE

To solve the problem, which OEM radio harness of your vehicle does not have an ignition wire, the aftermarket stereo cannot be turned off /on through the OEM radio harness. Therefore you need to get a 12v power supply from the ignition by running the red cable separately from the factory radio harness.



A dedicated red wire is included for connecting to a 12-volt ignition power source, which is necessary for aftermarket stereos in vehicles where the OEM harness lacks an ignition wire.



This image depicts the general process of upgrading a car radio stereo using the RED WOLF wire harness, showing hands connecting wires within the vehicle's dashboard.

4. Final Connection and Testing

1. Connect the RED WOLF harness to the vehicle's factory harness.
2. Reconnect the vehicle's battery.
3. Turn on the vehicle's ignition and test the aftermarket stereo's functionality (power, audio, balance, fader, etc.).
4. If all functions are working correctly, carefully reassemble the dashboard components.



An illustration of a car dashboard with an aftermarket stereo installed, demonstrating the final appearance after using the RED WOLF harness for connection.

Operating Your Aftermarket Stereo

Once the RED WOLF Car Radio Harness is correctly installed, your aftermarket stereo should function as intended, integrating seamlessly with your vehicle's electrical system. Refer to your aftermarket stereo's specific instruction manual for details on its operation and features.

Maintenance

The RED WOLF Car Radio Harness requires no specific maintenance. Ensure all connections remain secure and free

from moisture or excessive heat. If you need to remove or replace your stereo, follow the installation steps in reverse order, ensuring the battery is disconnected before handling any wiring.

Troubleshooting

- **No Power to Stereo:**
  - Check all connections, especially the main power and ground wires.
  - Verify the 12-volt ignition wire (red wire) is correctly connected to an ignition-switched power source if your OEM harness does not provide one.
  - Check vehicle fuses related to the radio and accessory power.
- **No Sound from Speakers:**
  - Ensure all speaker wires are correctly matched and connected (positive to positive, negative to negative).
  - Verify the aftermarket stereo's fader and balance settings.
- **Incorrect Speaker Output (e.g., Right Rear Speaker not working):**
  - It has been noted that in some instances, the labeling for the purple/white and purple/black wires on the harness diagram may be switched. Specifically, the wire labeled for 'Remote Playback Device Left Audio Signal / Low Reference' (Purple/White) might actually correspond to the 'Right Rear Speaker (-)' and vice-versa for the 'Right Rear Speaker (-)' (Purple/Black).
  - If you experience issues with specific speaker channels, carefully cross-reference the wire colors directly on the harness with your aftermarket stereo's wiring diagram, rather than relying solely on the printed diagram for these specific wires.
  - A multimeter can be used to verify wire functions if uncertainty persists.
- **Stereo Does Not Turn Off with Ignition:**
  - Recheck the connection of the red ignition wire. Ensure it is connected to a source that only provides power when the ignition is on.

Specifications

Brand	RED WOLF
Model Number	RWF-XCCL00-1421
Material	Copper
Item Weight	0.08 Kilograms (2.89 ounces)
Connector Type	Butt Connector
Wire Diameter	1.02 Millimeters

Warranty and Support

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official RED WOLF website. Keep your purchase receipt for warranty claims.

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