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› [RED WOLF Radio Wire Harness Installation Manual for Select 2002-2006 Dodge Ram, Chrysler, and Jeep Vehicles](#)

RED WOLF B07ZHDXDY

RED WOLF Radio Wire Harness Installation Manual

Model: B07ZHDXDY

1. INTRODUCTION

This RED WOLF Radio Wire Harness is designed to simplify the installation of an aftermarket stereo system in select Dodge Ram, Chrysler, and Jeep vehicles. It allows for a direct connection without cutting the factory wiring, ensuring a clean and efficient upgrade. This harness is specifically for non-factory amplified systems.

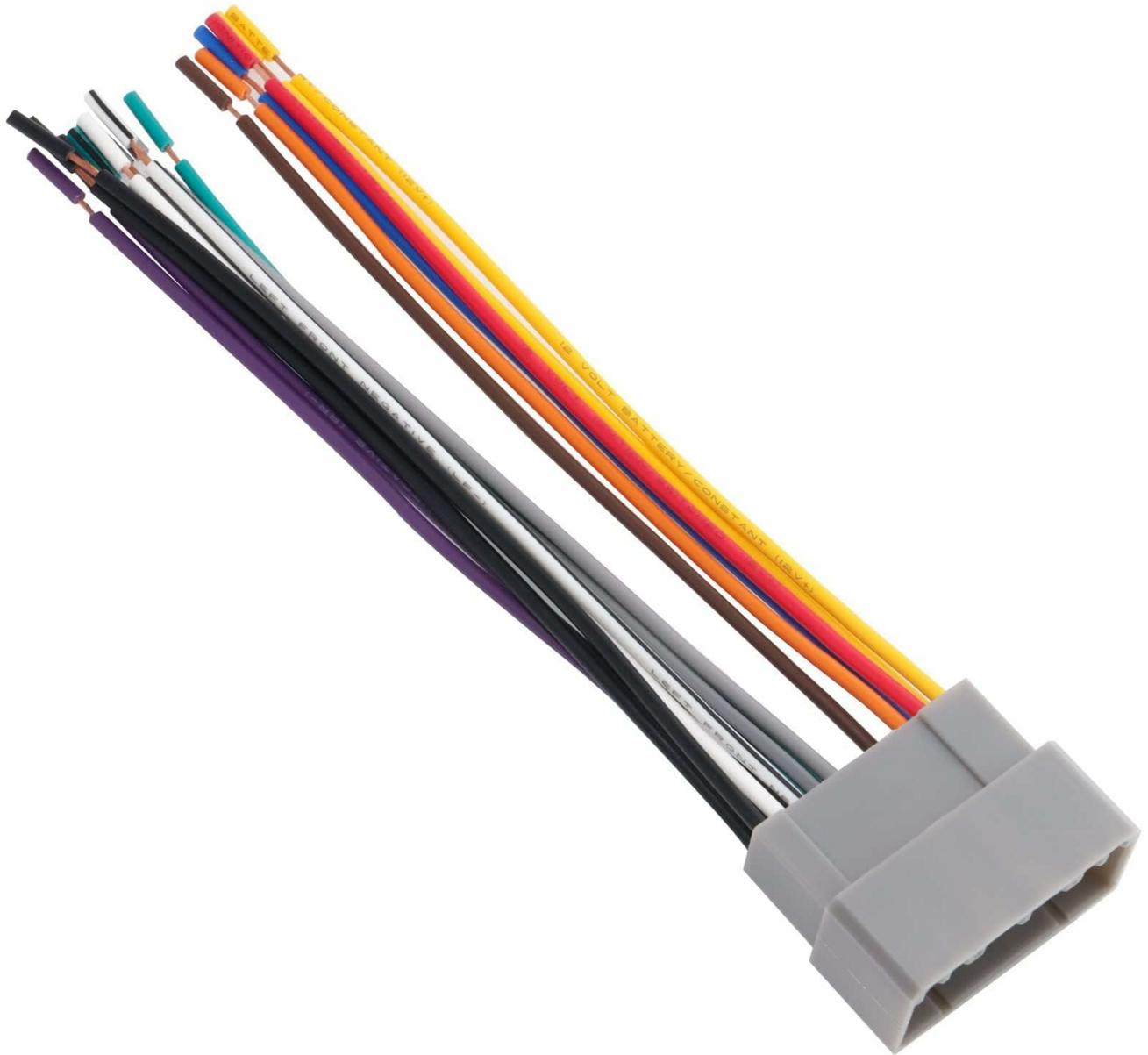


Image 1: The RED WOLF Radio Wire Harness, featuring multiple color-coded wires and a gray connector plug.

2. COMPATIBILITY

This 22-pin radio harness is compatible with the following non-factory amplified vehicles:

- **Chrysler:**
 - 300 (2005-2007)
 - 300C (2005-2007)
 - Grand Voyager (2001-2007)
 - Neon (2000-2002)
 - PT Cruiser (2000-2005)
 - Voyager (2001-2005)
 - Concorde (2002-2004)
 - Sebring (2002-2006)
 - Town and Country (2002-2007)

- Pacifica (2005)

- **Dodge:**

- Ram 1500/2500/3500 (2002-2006)
- Stratus (2002-2006, Sedan)
- Van (full size) (2002-2003)
- Caravan (2002-2007)
- Viper (2006-2010)
- Intrepid (2002-2004)
- Durango (2002-2003)
- Neon (2002-2005)
- Dakota (2002-2007)

- **Jeep:**

- Cherokee KJ (2001-2007)
- Commander XK (2006-2009)
- Compass MK (2007-2008)
- Patriot (2007-2008)
- Wrangler TJ (2003-2007)
- Liberty 3.7L (2007)

NOTE: This harness is NOT compatible with radios that have a factory amplifier or subwoofer. Some vehicles may require a separate switched power wire for the aftermarket deck if the factory deck does not have an ACC wire.

RED WOLF RADIO WIRE HARNESS

FIT FOR CHRYSLER

Chrysler 300 2005-2007
Chrysler 300C 2005-2007
Chrysler Grand Voyager 2001-2007
Chrysler Neon 2000-2002
Chrysler PT Cruiser 2000-2005
Chrysler Voyager 2001-2005
Chrysler Concorde 2002-2004
Chrysler Sebring 2002-2006

FIT FOR DODGE RAM

2002-2006 Dodge Ram 1500/2500/3500
Dodge Stratus 2003-2006 (Sdn)
Dodge Van (full size) 2002-2003
Dodge Caravan 2002-2007
Dodge Stratus 2002-2002
Dodge Viper 2006-2010
Dodge Intrepid 2002-2004
Dodge Durango 2002-2003

FIT FOR JEEP

Cherokee 2003-2007 KJ
Jeep Commander 2006-2009 XK
Jeep Compass 2007-2008 MK

Jeep Patriot 2007-2008
Jeep Wrangler 2003-2007 TJ



Image 2: Visual representation of compatible Chrysler, Dodge Ram, and Jeep models for the RED WOLF radio wire harness.

3. PACKAGE CONTENTS

- 1x RED WOLF Radio Wire Harness (22-pin connector)
- 1x Antenna Adapter (if applicable, may vary by kit)

The harness features pre-stripped wires for easy connection and is made of high-grade copper for excellent conductivity.



DIRECTLY INSTALLATION



pre-stripped wire



No Cutting
any OEM Wire



Easy to install

Image 3: Close-up of the RED WOLF radio wire harness showing pre-stripped wires for direct installation without cutting OEM wires.

4. SAFETY INFORMATION

- Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent short circuits or electrical shock.
- Ensure all connections are secure and properly insulated to prevent electrical shorts.
- If you are unsure about any step, consult a professional car audio installer.
- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.

5. INSTALLATION GUIDE

Follow these steps to install your RED WOLF Radio Wire Harness:

1. **Disconnect Battery:** Locate your vehicle's battery and disconnect the negative (-) terminal.
2. **Remove Factory Radio:** Carefully remove the trim panels surrounding your factory radio using appropriate

trim removal tools. Unbolt and slide out the factory radio. Disconnect all wiring harnesses and the antenna cable from the back of the factory radio.

3. **Prepare Wiring Harnesses:** Match the color-coded wires of the RED WOLF harness to the corresponding wires on your aftermarket stereo's wiring harness. Use crimp connectors, solder, or electrical tape to make secure connections. Ensure the ground wires and the brown brake bypass wire (if applicable) are connected together. Tape off any unused wires.
4. **Connect Antenna Adapter:** If your aftermarket stereo requires a different antenna connection, connect the provided antenna adapter (if included) to the vehicle's factory antenna lead and the aftermarket stereo.
5. **Connect to Vehicle:** Plug the RED WOLF harness into the vehicle's factory wiring harness.
6. **Install Aftermarket Stereo:** Connect the prepared aftermarket stereo harness to your new stereo. Slide the aftermarket stereo into the dash opening and secure it with the mounting brackets and screws.
7. **Reinstall Trim Panels:** Carefully reattach all trim panels removed in Step 2.
8. **Reconnect Battery:** Reconnect the negative (-) battery terminal.
9. **Test Functionality:** Turn on your vehicle and test the aftermarket stereo's functions, including radio, audio output, and any connected accessories like a rear camera.

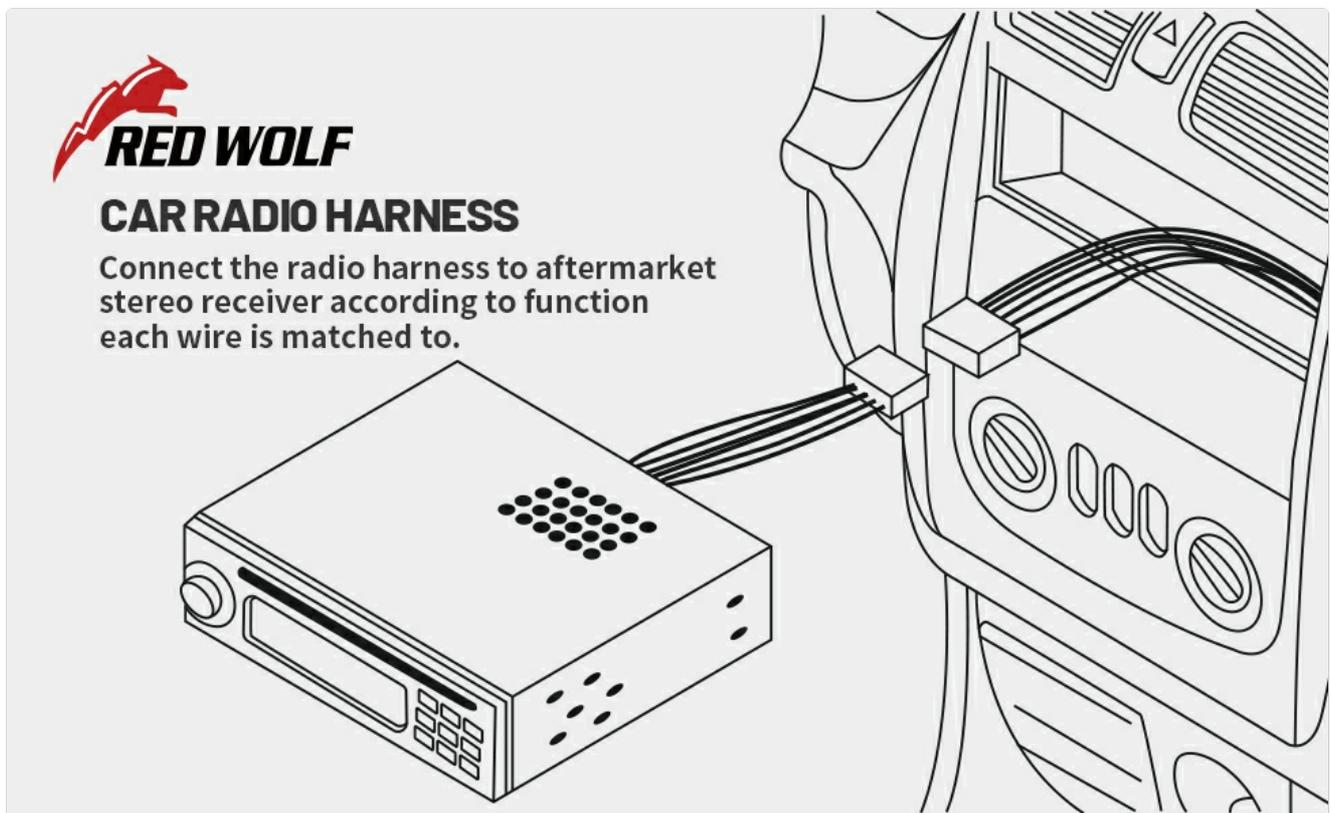


Image 4: Diagram illustrating the connection of the car radio harness to an aftermarket stereo receiver.

Installation Video Guides

For visual assistance, please refer to the following official seller videos:

RED WOLF Radio Stereo Wire Harness for Chrysler Jeep Dodge Ram

Your browser does not support the video tag. This video demonstrates the installation process of the RED WOLF radio stereo wire harness for Chrysler, Jeep, and Dodge Ram vehicles, showing how to connect the harness to the vehicle's wiring system.

Video 1: Installation guide for the RED WOLF radio stereo wire harness.

Nulth Radio Wiring Harness for Dodge/Jeep/Chrysler 2000-2007

Your browser does not support the video tag. This video provides a detailed overview of the Nulth radio wiring harness, highlighting its features and how it connects to the vehicle's system for Dodge, Jeep, and Chrysler models from 2000-2007.

Video 2: Overview and connection details of a compatible radio wiring harness.

Single DIN Radio Dash Kit W/ Wiring for Chrysler/Dodge/Jeep

Your browser does not support the video tag. This video illustrates the installation of a single DIN radio dash kit, including wiring connections, for Chrysler, Dodge, and Jeep vehicles.

Video 3: Installation of a single DIN radio dash kit with wiring.

Double DIN Radio Install Dash Kit for Dodge/Jeep/Chrysler

Your browser does not support the video tag. This video demonstrates the installation of a double DIN radio dash kit, including the wiring harness, for Dodge, Jeep, and Chrysler vehicles.

Video 4: Installation of a double DIN radio dash kit with wiring.

Stereo Radio Wiring Harness Antenna Adapter

Your browser does not support the video tag. This video shows the connection of a stereo radio wiring harness and an antenna adapter.

Video 5: Demonstration of connecting a stereo radio wiring harness and antenna adapter.

Radio Harness for Dodge Jeep Chrysler

Your browser does not support the video tag. This video provides a quick look at a radio harness designed for Dodge, Jeep, and Chrysler vehicles.

Video 6: Quick overview of a radio harness for Dodge, Jeep, and Chrysler.

Full Stereo Harness Install

Your browser does not support the video tag. This video offers a comprehensive guide to a full stereo harness installation.

Video 7: Detailed guide for a complete stereo harness installation.

6. WIRING DIAGRAM

The RED WOLF harness features color-coded wires that correspond to standard aftermarket stereo wiring conventions. Refer to your aftermarket stereo's manual for its specific wiring diagram. Below is a general guide for common connections:

Wire Color	Function
Yellow	+12V Constant Power Supply
Red	+12V Ignition/Switched (ACC)
Black	Ground
Orange	Illumination Light
Blue	Power Antenna / Amplifier Remote Turn-On
White	Left Front Speaker (+)
White/Black	Left Front Speaker (-)
Gray	Right Front Speaker (+)
Gray/Black	Right Front Speaker (-)
Green	Left Rear Speaker (+)
Green/Black	Left Rear Speaker (-)
Purple	Right Rear Speaker (+)
Purple/Black	Right Rear Speaker (-)
Brown	Brake Detect (for parking brake bypass)
Pink	Back Car Control (for reverse camera trigger)
Pink/Black	Front View Camera Power Supply



Image 5: Detailed view of the RED WOLF radio wire harness, emphasizing durable material, fit match, and good conductivity.

RED WOLF RADIO WIRING CONNECTOR PLUG

Note: Wire pinout and option function is vary depend on model and model year.

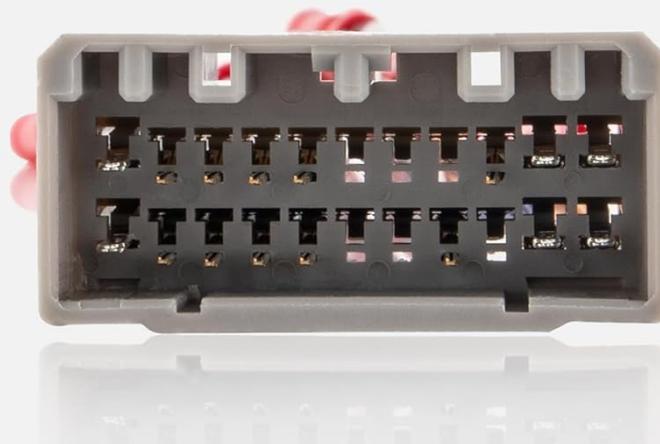


Image 6: Close-up of the RED WOLF radio wiring connector plug, showing the pinout configuration.

7. TROUBLESHOOTING

- **No Power to Stereo:** Check the yellow (constant 12V) and red (switched 12V) wire connections. Ensure the vehicle's fuse for the radio is intact.
- **No Sound:** Verify all speaker wire connections (positive and negative) are correctly matched and secure. Ensure the amplifier remote turn-on wire (blue) is connected if your aftermarket stereo or external amplifier requires it.
- **Intermittent Power/Sound:** Recheck all connections for looseness or poor contact. Ensure proper grounding (black wire).
- **Rear Camera Not Activating:** Confirm the pink (back car control) wire is correctly connected to the reverse light trigger. Ensure the camera's power and ground connections are secure.
- **Steering Wheel Controls Not Working:** This harness does not support steering wheel controls directly. An additional interface module (sold separately) is required for this functionality.

8. SPECIFICATIONS

- **Brand:** RED WOLF
- **Model Number:** B07ZHDXDY
- **Material:** Copper (wires)
- **Connector Type:** Vehicle-specific (22-pin)
- **Item Weight:** 1.58 ounces (0.05 Kilograms)
- **Package Dimensions:** 8 x 3.4 x 0.7 inches

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact RED WOLF customer service through the retailer where the product was purchased. Keep your proof of purchase for warranty claims.