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› [RED WOLF Car Radio Wiring Harness with Antenna Adapter for GM Chevy Silverado Impala GMC Sierra Buick Cadillac \(2002-2008\) - Instruction Manual](#)

RED WOLF B08R6XDRNJ

RED WOLF Car Radio Wiring Harness with Antenna Adapter

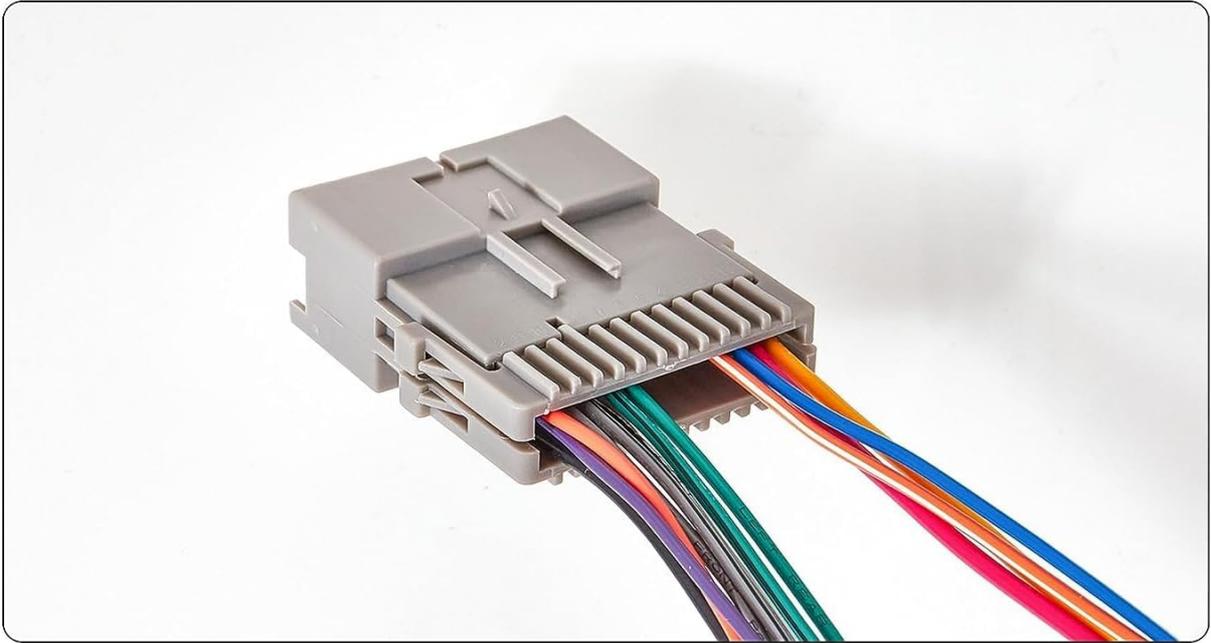
Instruction Manual for 2002-2008 GM, Chevy, GMC, Buick, Cadillac Vehicles

1. PRODUCT OVERVIEW

This RED WOLF Car Radio Wiring Harness with Antenna Adapter is designed to facilitate the installation of an aftermarket stereo CD receiver in various GM, Chevy, GMC, Buick, and Cadillac vehicles manufactured between 2002 and 2008. The harness connects directly to your vehicle's factory wiring, eliminating the need to cut original equipment manufacturer (OEM) wires. It includes an antenna adapter for seamless radio signal reception.

Note: This wiring harness is not compatible with vehicles equipped with amplified sound systems such as Bose or Infinity.

FEATURE



...



**Without cutting
OEM Wire**



**Match
perfectly**



**Big
time saver**



**Excellent
conductivity**

Image: The main wiring harness connector with multiple colored wires.

Radio Antenna Adapter



Image: The included radio antenna adapter.

2. SETUP AND INSTALLATION

Follow these general steps for installing your RED WOLF wiring harness. Professional installation is recommended if you are unfamiliar with car audio wiring.

1. **Disconnect Battery:** Before beginning any electrical work, disconnect the vehicle's negative battery terminal to prevent electrical shorts.
2. **Remove Factory Radio:** Carefully remove the factory radio from the dashboard. Refer to your vehicle's service manual for specific instructions on dash disassembly.
3. **Connect Harness to Aftermarket Stereo:** Match the colored wires of the RED WOLF harness to the corresponding wires on your aftermarket stereo's wiring harness. Use appropriate connectors (e.g., butt connectors, solder and heat shrink) to ensure secure and insulated connections.
4. **Connect Antenna Adapter:** Plug the antenna adapter into the vehicle's factory antenna cable and then into the aftermarket stereo's antenna input.
5. **Connect Harness to Vehicle:** Plug the RED WOLF wiring harness into the vehicle's factory radio connector.
6. **Ignition Wire (Red Cable) Note:** If your vehicle's OEM radio harness does not provide an ignition wire (a wire that supplies 12V power when the ignition is on), your aftermarket stereo will not turn on/off with

the vehicle's ignition. In this case, you will need to run the separate red cable provided with the kit to a reliable 12V switched power source in your vehicle (e.g., from the fuse box or an accessory wire). This ensures the stereo powers on and off correctly.

7. **Test System:** Reconnect the vehicle's battery. Turn on the ignition and test the aftermarket stereo's functionality, including power, audio output, and radio reception.

8. **Reassemble Dash:** Once all functions are verified, carefully reassemble the vehicle's dashboard.

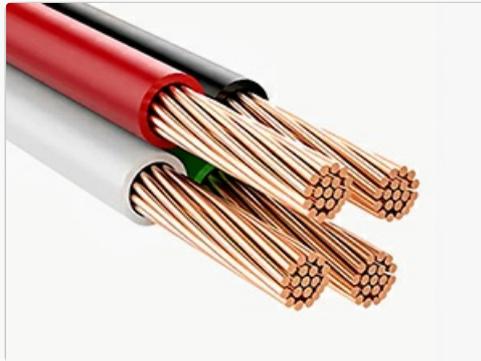


Image: Close-up of the wiring harness connector.



Image: The separate red wire for ignition power, if needed.

3. OPERATING INSTRUCTIONS

Once the RED WOLF Car Radio Wiring Harness and Antenna Adapter are correctly installed, your aftermarket stereo will operate as designed. The harness ensures that power, ground, speaker outputs, and other necessary signals are properly routed from the vehicle to the new head unit.

- **Power On/Off:** The stereo should power on and off with the vehicle's ignition, provided the red ignition wire is correctly connected.
- **Audio Playback:** Use your aftermarket stereo's controls for audio playback, volume adjustment, and source selection.
- **Radio Reception:** The antenna adapter ensures optimal reception for AM/FM radio stations.

4. MAINTENANCE

The RED WOLF wiring harness and antenna adapter are designed for durability and require minimal maintenance after proper installation.

- **Secure Connections:** Ensure all wire connections are secure and insulated to prevent shorts or signal loss.
- **Avoid Stress:** Do not pull or apply excessive stress to the wires or connectors.
- **Cleanliness:** Keep the area around the wiring free from dust and debris.

5. TROUBLESHOOTING

If you encounter issues after installation, consider the following troubleshooting steps:

- **No Power to Stereo:**

- Check the vehicle's fuses.
- Verify the red ignition wire connection. If your vehicle's OEM harness lacks an ignition wire, ensure the separate red wire is connected to a 12V switched power source.
- Confirm the main power and ground connections are secure.

- **No Sound from Speakers:**

- Ensure all speaker wires are correctly matched and connected to the aftermarket stereo.
- Check the stereo's fader and balance settings.
- Confirm the vehicle does not have an amplified system (e.g., Bose, Infinity) which is incompatible with this harness.

- **Poor Radio Reception:**

- Verify the antenna adapter is securely connected to both the vehicle's antenna cable and the stereo.
- Ensure the antenna itself is in good condition.

- **Vehicle Compatibility Issues:**

- Double-check that your vehicle's make, model, and year are listed as compatible.
- Some vehicles may have variations in wiring; consult a professional if issues persist.

Your browser does not support the video tag.

Video: An animated overview of the GM Radio Stereo Wire Harness connection process.

6. SPECIFICATIONS

Feature	Detail
Brand	RED WOLF
Material	Copper, Plastic
Connector Type	Motorola-style Push-on
Wire Diameter	1.02 Millimeters
Item Weight	2.11 ounces (0.06 Kilograms)
Package Dimensions	8.23 x 4.25 x 0.79 inches
UPC	769894718414

Compatible Vehicles:

- **Chevrolet:** Cobalt (2005), Avalanche (2003-2006), Colorado (2008-2012), Corvette (2005-2013), Impala (2000-2002), Cavalier (2000-2003, 2005), Malibu (2001-2007), Malibu Classic (2004), Malibu Maxx (2004-2007), Monte Carlo (2000-2005), Silverado (2003-2006), Silverado Classic Models ONLY (2007),

SSR (2003-2006), Suburban (2003-2006), Tahoe (2004-2006), Trailblazer (2002, 2004-2007, 2009), Uplander (2005, 2006, 2008). *Not compatible with 2006 Silverado LT, 2004 Chevrolet Express Van.*

- **GM:** Envoy (2002-2009), Canyon (2005-2012), Savana (2003-2007), Sierra (2003-2005 -*DON'T FIT FOR 2005 Sierra 1500*), Sierra Classic (2007), Yukon/Yukon XL 1500 (2003-2006).
- **Buick:** Ranier (2004-2007), Terraza (2005-2007), LaCrosse (2005-2009).
- **Pontiac:** Sunfire (2000-2005), Grand Am (2001-2005), Aztek (2001-2005), G6 (2005-2009), Grand Prix (2004-2008), Montana (2000-2005), Montana SV6 (2005-2006), Torrent (2006).
- **Hummer:** SUT (2003-2007), H2 (2003-2007), H3 (2005-2010), H3T (2009-2010).
- **Isuzu:** Ascender (2003-2008).
- **Oldsmobile:** Alero (2001-2004), Bravada (2002-2004), Silhouette (2000-2004).
- **Saturn:** Relay (2005-2007).

7. WARRANTY AND SUPPORT

For warranty information or technical support regarding your RED WOLF Car Radio Wiring Harness and Antenna Adapter, please refer to the product packaging or contact RED WOLF customer service directly. Ensure you have your product model number (B08R6XDRNJ) available when seeking support.
