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RED WOLF 16-Pin Wiring Harness

RED WOLF 16-Pin Car Stereo Wiring Harness Instruction Manual

For Kenwood KDC, KRC, and KMD Aftermarket Radio Models

Introduction

This manual provides detailed instructions for the installation and use of the RED WOLF 16-Pin Car Stereo Wiring Harness. This harness is designed to facilitate the installation of an aftermarket Kenwood head unit into vehicles, utilizing existing factory wiring connectors without modification. Please read these instructions thoroughly before beginning installation.

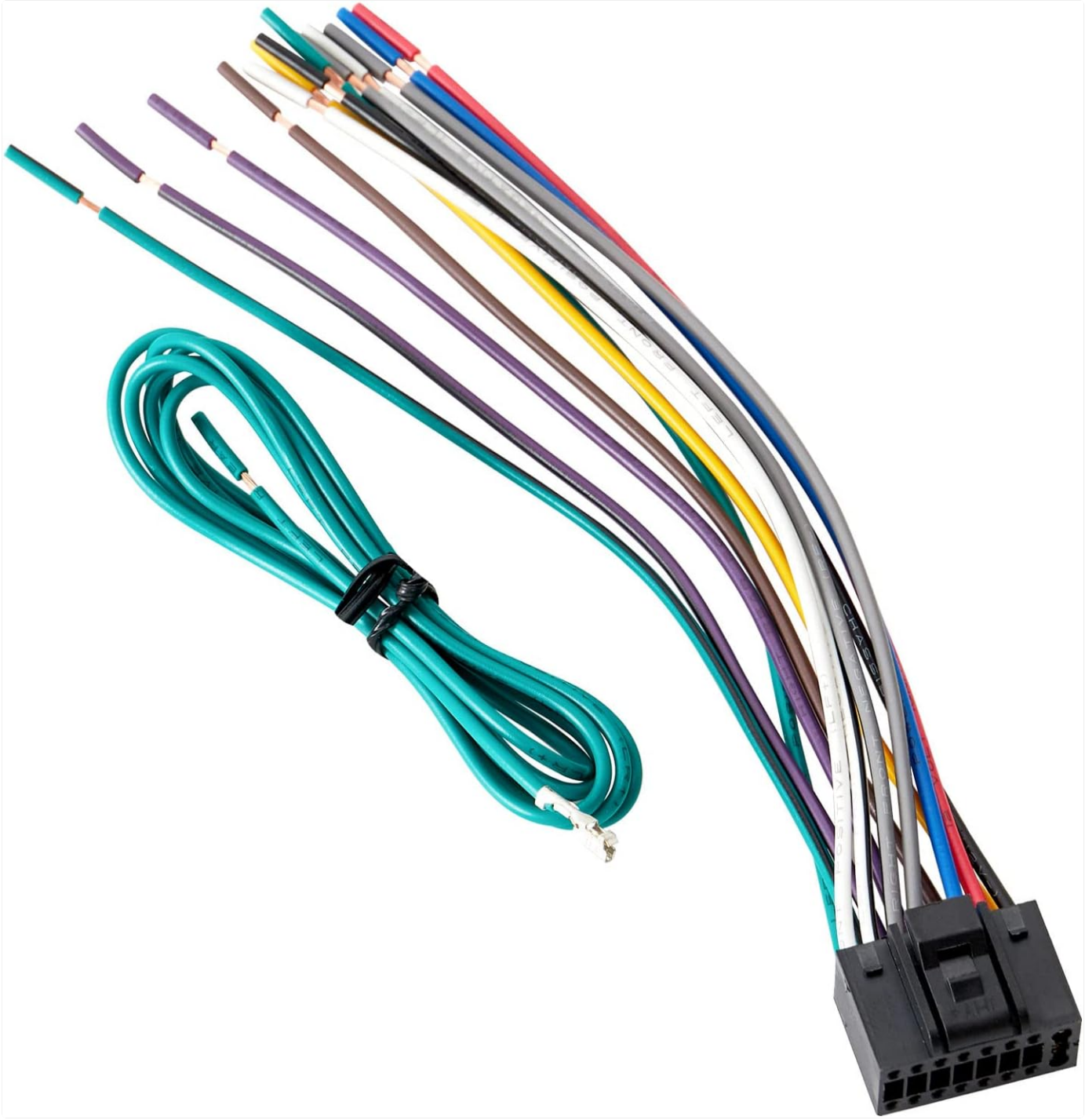

Image: The RED WOLF 16-Pin Car Stereo Wiring Harness, featuring a multi-colored wire bundle connected to a black 16-pin connector, with an additional black wire for specific functions.

Compatibility

This wiring harness is compatible with a wide range of Kenwood KDC, KRC, and KMD aftermarket radio models. Ensure your specific radio model is listed below or consult your radio's manual for connector type verification.

FITMENT LIST

COMPATIBLE WITH KENWOOD KDC 3080, KDC 4040, KDC 4050, KDC 4060, KDC 4070, KDC 4080, KDC 5040, KDC 5050, KDC 5060, KDC 5070, KDC 5080, KDC 6040, KDC 6050, KDC 6060, KDC 6070, KDC 6080, KDC 7040, KDC 7050, KDC 7060, KDC 7070 ECT.



Image: A visual representation of compatible Kenwood KDC models, showing two example head units with checkmarks, indicating fitment.



Image: A comprehensive table listing various Kenwood KDC and KRC stereo models compatible with the 16-pin wiring harness, including KDC-W series.

Compatible Kenwood KDC Models:

- KDC 3080, KDC 4040, KDC 4050, KDC 4060, KDC 4070, KDC 4080
- KDC 5040, KDC 5050, KDC 5060, KDC 5070, KDC 5080
- KDC 6040, KDC 6050, KDC 6060, KDC 6070, KDC 6080
- KDC 7040, KDC 7050, KDC 7060, KDC 7070, KDC 7080
- KDC 8040 R, KDC 8060, KDC 8070 R, KDC 8080
- KDC 9050, KDC 9050 R, KDC 9060 R, KDC 9080 R
- KDC-X996, KDC-X997, KDC-X998
- KDC-W Series: KDC-237, 241, 3031, 3034, 3037, 3041, 3047, 4031

Compatible Kenwood KRC Models:

- KRC 150, KRC 151, KRC 156, KRC 157, KRC 1570, KRC 158

- KRC 256, KRC 2560, KRC 257, KRC 2570 R, KRC 258, KRC 259
- KRC 356, KRC 358, KRC 359
- KRC 456, KRC 457, KRC 458, KRC 459 R
- KRC 556, KRC 557, KRC 558, KRC 559
- KRC 656, KRC 657, KRC 658, KRC 659
- KRC 756, KRC 757, KRC 758, KRC 759 R
- KRC 856, KRC 857, KRC 858, KRC 859
- KRC 956, KRC 957, KRC 958, KRC 959 R, KRC 992

Setup and Installation

The RED WOLF 16-Pin Wiring Harness is designed for straightforward installation, adhering to EIA color codes for easy connection. This allows for the installation of an aftermarket head unit without cutting the vehicle's original equipment manufacturer (OEM) wiring harness.

Pre-Installation Steps:

1. **Disconnect Battery:** Before starting any electrical work, disconnect the vehicle's negative battery terminal to prevent electrical shorts or damage.
2. **Identify OEM Connector:** Locate the existing wiring harness connector in your vehicle's dashboard that previously connected to the factory radio.
3. **Verify Compatibility:** Ensure the 16-pin connector on the RED WOLF harness matches the port on your aftermarket Kenwood radio.

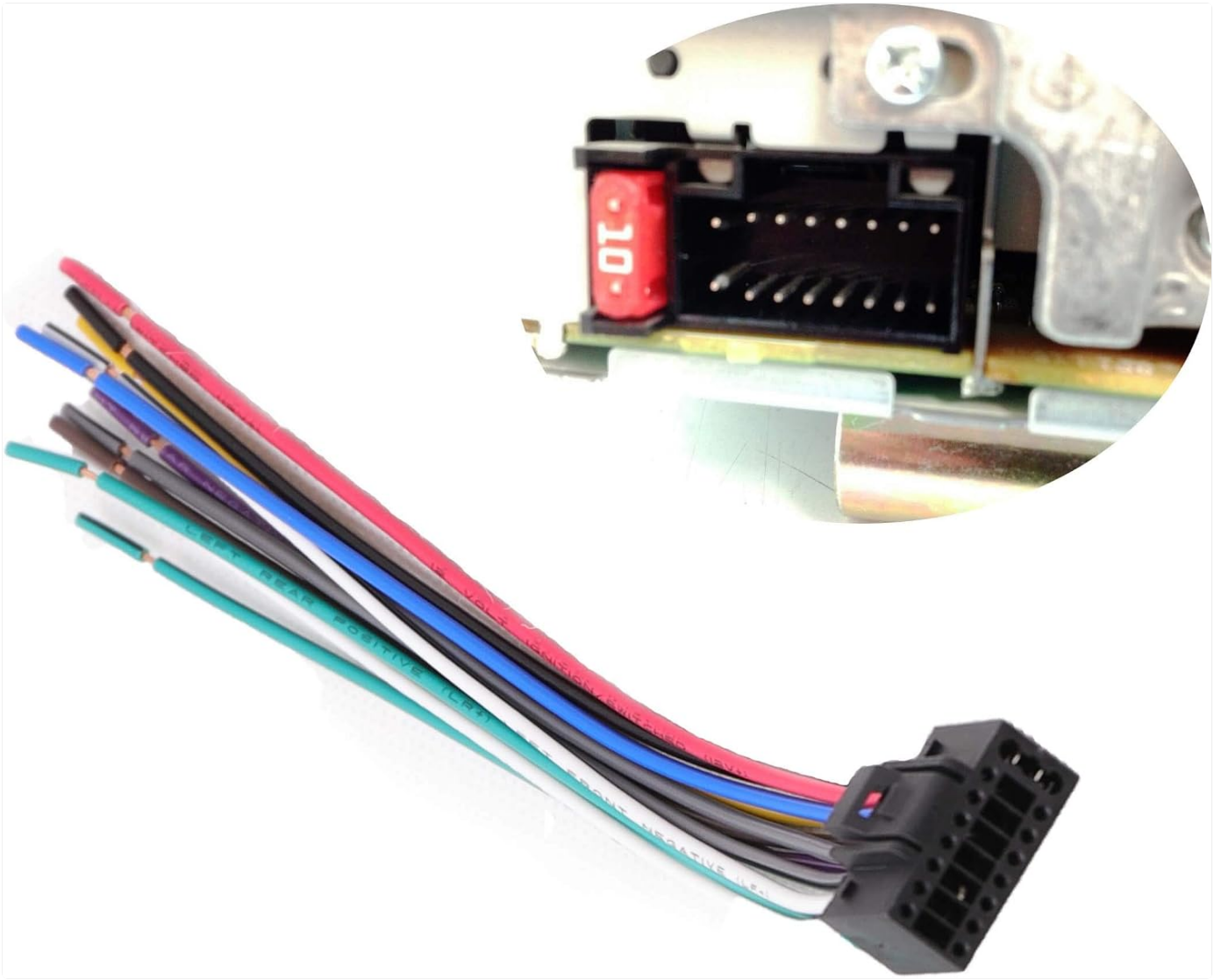

Image: A close-up view of the 16-pin connector, highlighting its design and the individual wire connections.

Wiring Connections:

Match the wires from the RED WOLF harness to the corresponding wires on your aftermarket Kenwood radio's harness. The harness follows standard EIA color codes. If your aftermarket radio's harness does not have a matching wire, insulate the unused wire on the RED WOLF harness.

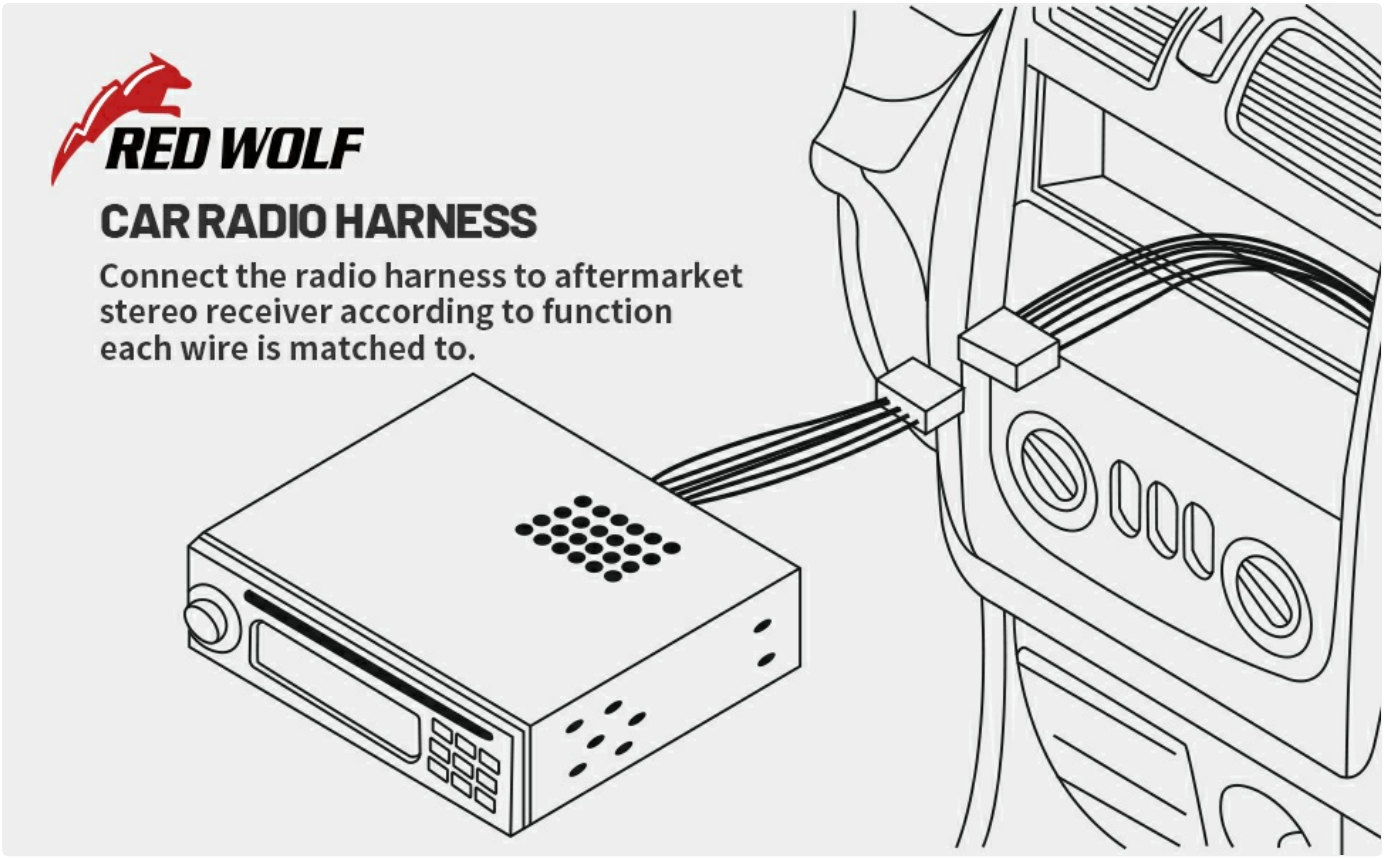

Image: An illustrative diagram demonstrating how to connect the car radio harness to an aftermarket stereo receiver, with wires matched according to function.

General Wire Color Code Guide:

Wire Color	Function
Yellow	Constant 12V (Memory)
Red	Accessory 12V (Switched)
Black	Ground
Blue	Power Antenna / Remote Turn-On
Orange	Illumination / Dash Light
White / White-Black	Front Left Speaker (+/-)
Gray / Gray-Black	Front Right Speaker (+/-)
Green / Green-Black	Rear Left Speaker (+/-)
Purple / Purple-Black	Rear Right Speaker (+/-)

After all connections are made, securely connect the RED WOLF harness to the vehicle's factory wiring and the aftermarket Kenwood radio.

Installation Videos:

Your browser does not support the video tag.

Video: A demonstration of a wire harness replacement for select Kenwood/JVC car radios, showing the connection process.

Your browser does not support the video tag.

Video: Another instructional video detailing the wire harness replacement for select Kenwood/JVC car radios, providing visual guidance for installation.

Operating the Wiring Harness

The wiring harness is a passive component that facilitates the electrical connection between your vehicle and the aftermarket radio. Once correctly installed, its operation is integrated with the radio's functionality. Ensure all connections are secure to maintain consistent power and signal flow to your Kenwood head unit.

Maintenance

The RED WOLF wiring harness requires minimal maintenance. Periodically inspect the connections for any signs of corrosion or loosening, especially if you experience intermittent audio or power issues with your car stereo. Ensure the harness is not exposed to excessive moisture or extreme temperatures, which could degrade the wiring insulation.

Troubleshooting

If you encounter issues after installing the wiring harness, consider the following troubleshooting steps:

- **No Power to Radio:** Check the yellow (constant 12V) and red (switched 12V) wire connections. Ensure the vehicle's fuse for the radio is intact.
- **No Audio Output:** Verify all speaker wire connections (white, gray, green, purple and their black-striped counterparts) are correctly matched and securely connected.
- **Intermittent Power/Audio:** Inspect all connections for looseness or poor contact. Ensure wires are not pinched or damaged.
- **Radio Not Retaining Settings:** Confirm the yellow (constant 12V) wire is correctly connected to a constant power source.
- **Illumination Not Working:** Check the orange (illumination) wire connection.

If problems persist, consult a professional car audio installer.

Specifications

Feature	Detail
Brand	RED WOLF
Connector Type	16-pin Kenwood
Material	Copper, Polyvinyl Chloride (PVC)
Item Weight	0.634 ounces
Package Dimensions	9.41 x 3.86 x 0.59 inches

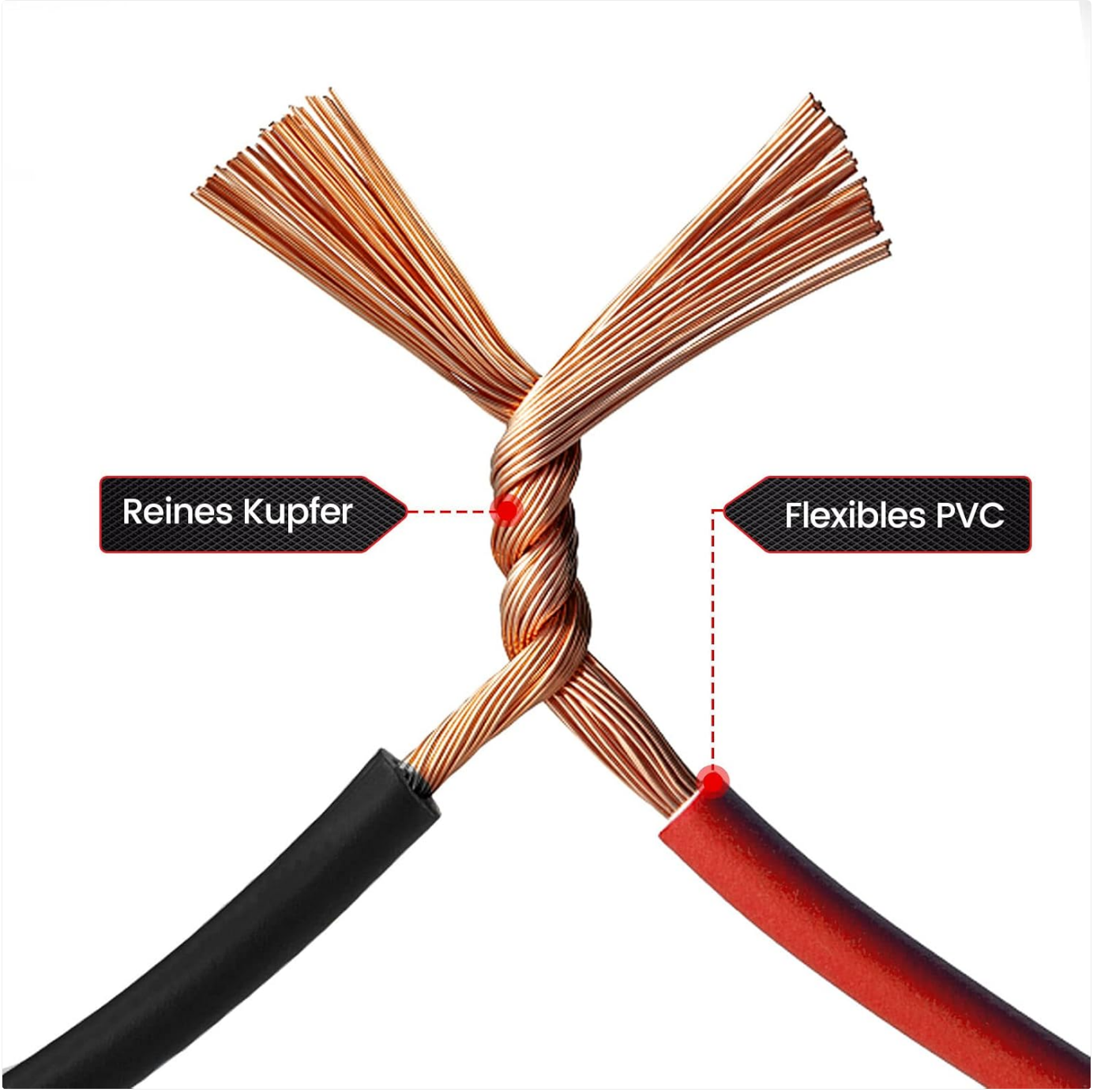

Image: An illustration highlighting key features of the radio wire harness, including good conductivity, fit match, and ease of installation.

Fit for Kenwood Stereo Model

	KDC 6060	KRC 150	KRC 557
	KDC 6070	KRC 151	KRC 558
	KDC 6080	KRC 156	KRC 559
	KDC 7040	KRC 157	KRC 656
	KDC 7050	KRC 1570	KRC 657
	KDC 7060	KRC 158	KRC 658
	KDC 7070	KRC 256	KRC 659
KDC 3080	KDC 7080	KRC 2560	KRC 756
KDC 4040	KDC 8040 R	KRC 257	KRC 757
KDC 4050	KDC 8060	KRC 2570 R	KRC 758
KDC 4060	KDC 8070 R	KRC 258	KRC 759 R
KDC 4070	KDC 8080	KRC 259	KRC 856
KDC 4080	KDC 9050	KRC 356	KRC 857
KDC 5040	KDC 9050 R	KRC 358	KRC 858
KDC 5050	KDC 9060 R	KRC 359	KRC 859
KDC 5060	KDC 9080 R	KRC 456	KRC 956
KDC 5070	**FIT FOR**	KRC 457	KRC 957
KDC 5080	KDC-X996	KRC 458	KRC 958
KDC 6040	KDC-X997	KRC 459 R	KRC 959 R
KDC 6050	KDC-X998	KRC 556	KRC 992
FOR KDC-W			
ALL SERIES: KDC-237,241,3031,3034,3037,3041,3047,4031.			

Image: A detailed view of the wire construction, emphasizing the use of pure copper for conductivity and flexible PVC for insulation.



Image: A table summarizing product parameters, including material (pure copper + flexible PVC), color (as main image), and jacket (flexible PVC).

Warranty Information

For specific warranty details regarding your RED WOLF 16-Pin Car Stereo Wiring Harness, please refer to the product packaging or contact RED WOLF customer support directly. Warranty terms typically cover manufacturing defects under normal use conditions.

Customer Support

If you require further assistance with installation, troubleshooting, or have questions about your RED WOLF product, please contact our customer support team. Refer to the contact information provided on the product packaging or the official RED WOLF website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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