

## Metra 70-2001



# Metra 70-2001 Radio Wiring Harness Instruction Manual

Model: 70-2001 | Brand: Metra

## INTRODUCTION

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This manual provides comprehensive instructions for the proper installation and use of the Metra 70-2001 Radio Wiring Harness. This harness is specifically designed to facilitate the installation of an aftermarket car stereo into compatible General Motors vehicles, ensuring a secure and reliable electrical connection without cutting factory wiring.

## SAFETY INFORMATION

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- Always disconnect the vehicle's negative battery terminal before beginning any electrical installation to prevent short circuits and electrical shock.
- Ensure all wiring connections are secure and properly insulated using electrical tape, crimp connectors, or heat shrink tubing. Loose connections can lead to electrical malfunctions or fire hazards.
- Consult a professional automotive technician if you are unsure about any part of the installation process.
- Do not modify the wiring harness. Any alterations may void the product warranty and could cause damage to your vehicle's electrical system.
- Wear appropriate personal protective equipment, such as safety glasses, during installation.

## VEHICLE COMPATIBILITY

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The Metra 70-2001 Radio Wiring Harness is compatible with select General Motors vehicles manufactured between 1994 and 2004. This includes various models from Buick, Cadillac, Chevrolet, GMC, Oldsmobile, and Pontiac within this year range.

**Important:** Always verify that your vehicle's factory wiring harness connector physically matches the Metra 70-2001 connector before proceeding with installation. Vehicle models and trim levels can vary, and some vehicles

within the specified range may use a different connector.

## PACKAGE CONTENTS

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Upon opening the package, ensure all components are present and undamaged:

- Metra 70-2001 Radio Wiring Harness (GM 32-Pin Connector)

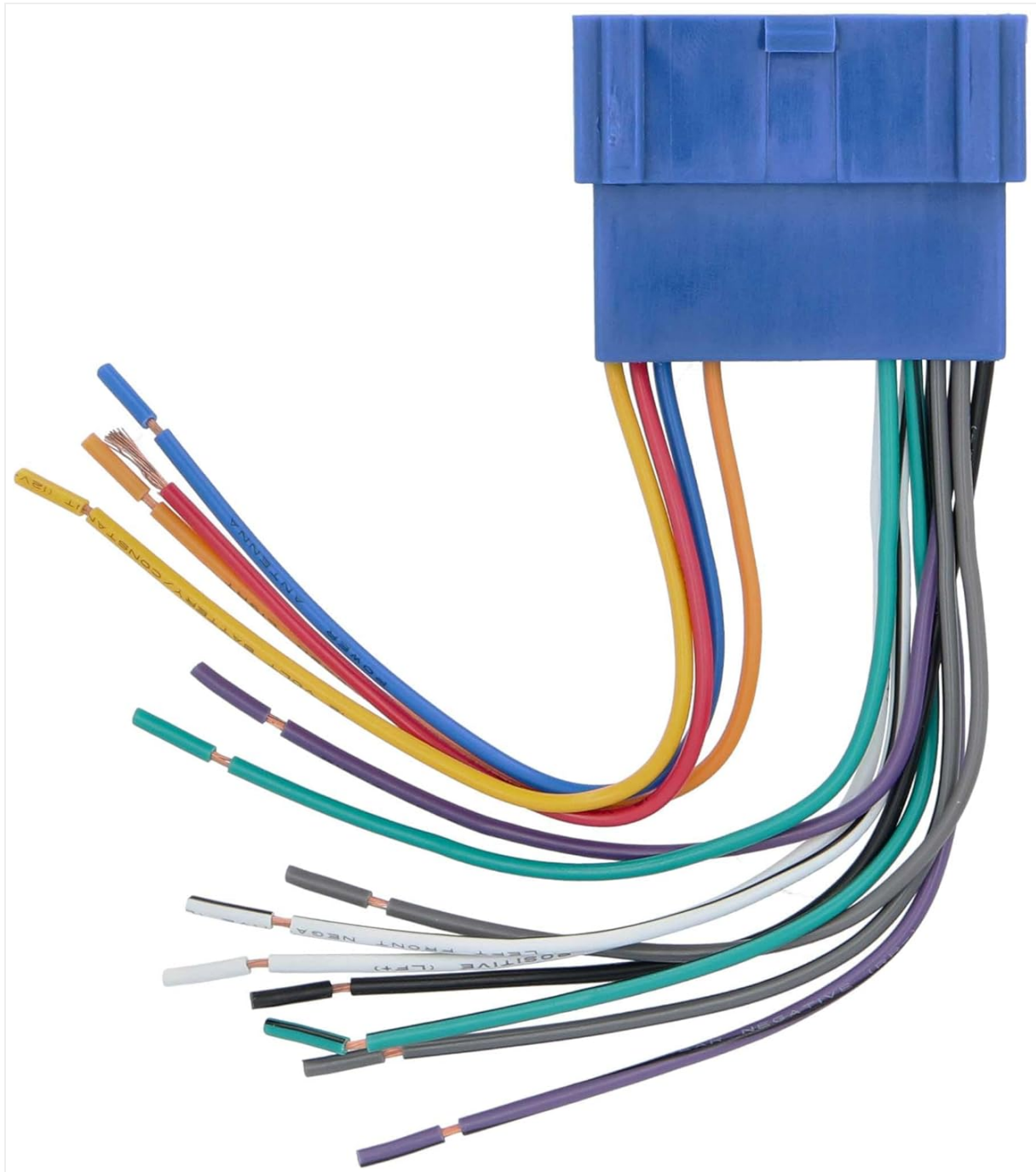


Image: The Metra 70-2001 Radio Wiring Harness shown in its retail packaging, indicating the product model and compatibility.

## INSTALLATION INSTRUCTIONS (SETUP)

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### Tools Required

- Wire Strippers

- Wire Crimpers
- Electrical Tape or Heat Shrink Tubing
- Multimeter (optional, for verifying connections)
- Panel Removal Tools (for vehicle interior trim)

## Pre-Installation Steps

1. **Disconnect Battery:** Locate your vehicle's battery and disconnect the negative (-) terminal to prevent electrical hazards.
2. **Remove Factory Radio:** Carefully remove the factory radio from the dashboard. This typically involves removing trim panels and unscrewing the radio unit.
3. **Identify Factory Harness:** Locate the factory wiring harness that was connected to the original radio.

## Wiring Connections

The Metra 70-2001 harness is designed to connect directly to your aftermarket radio's wiring. Match the wires from your aftermarket radio to the corresponding wires on the Metra 70-2001 harness. Refer to the wiring diagram section below for standard color codes. Ensure each connection is secure and properly insulated.

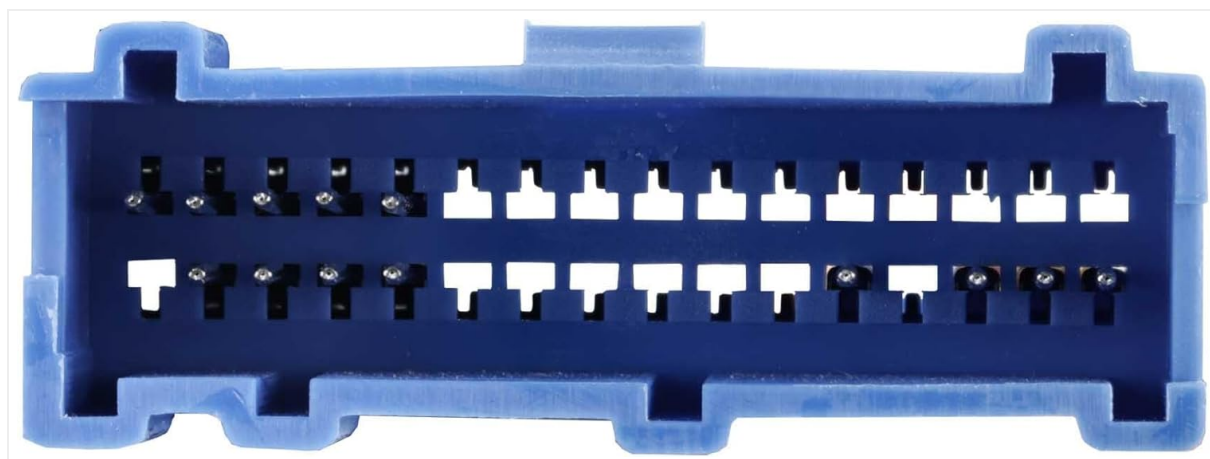


Image: The Metra 70-2001 Radio Wiring Harness showing the multi-colored wires ready for connection to an aftermarket radio.

## Final Steps

1. **Connect Harness:** Plug the Metra 70-2001 harness into the vehicle's factory radio connector.
2. **Test Functionality:** Reconnect the vehicle's negative battery terminal. Turn on the ignition and test the aftermarket radio's power, sound, and other functions.
3. **Secure and Reassemble:** Once confirmed working, carefully tuck away excess wiring, mount the aftermarket radio, and reassemble any removed dashboard trim panels.

## WIRING DIAGRAM

The following table outlines the standard wire color codes for the Metra 70-2001 harness. It is crucial to cross-reference these with the wiring diagram provided with your specific aftermarket radio, as color codes can vary between manufacturers.





Image: A detailed view of the 32-pin connector on the Metra 70-2001 harness, showing the pin configuration.

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

## OPERATION

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Once correctly installed, the Metra 70-2001 Radio Wiring Harness functions as a direct interface between your aftermarket radio and the vehicle's existing electrical system. It provides the necessary power, ground, accessory, and speaker connections, allowing your new radio to operate as intended, delivering audio to the vehicle's speakers and receiving power from the ignition and constant battery sources.

## MAINTENANCE

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The Metra 70-2001 Radio Wiring Harness is a passive electrical component and requires no routine maintenance. It is designed for a long service life once properly installed. Periodically, if you experience audio issues, you may check the harness connections to ensure they remain secure and free from corrosion or damage.

## TROUBLESHOOTING

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- **No Power to Radio:**

- Check the vehicle's fuse box for any blown fuses related to the radio or accessory power.
- Ensure the yellow (constant power) and red (accessory power) wires are correctly connected and receiving voltage.
- Verify the black (ground) wire has a solid connection to chassis ground.

- **No Sound from Speakers:**

- Confirm all speaker wires (white, gray, green, purple and their black-striped counterparts) are correctly matched and connected between the radio and the harness.
- Check the radio's fader and balance settings.

- Ensure the radio's amplifier turn-on wire (if applicable, usually blue) is connected.
- **Intermittent Issues:**
  - Recheck all wire connections for looseness or poor contact. Ensure all crimps or solder joints are solid.
  - Inspect the harness for any pinched or damaged wires.

## SPECIFICATIONS

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- **Brand:** Metra
- **Model:** 70-2001
- **Connector Type:** IDC (32-pin GM connector)
- **Material:** ABS, Plastic
- **Included Components:** 1994–2005 GM 32-Pin into Car Harness
- **Cable Type:** Power & Speaker
- **Item Dimensions (L x W x H):** Approximately 8 x 0.12 x 0.5 inches
- **Item Weight:** Approximately 22.68 grams

## WARRANTY AND SUPPORT

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**Warranty:** This product comes with a 1-Year Limited Warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, abuse, or unauthorized modifications.

**Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact Metra Electronics customer service directly. You can find contact information and additional resources on the official Metra website.

**Official Website:** [metraonline.com](http://metraonline.com)