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Metra 70-1761

Metra 70-1761 Radio Wiring Harness User Manual

Model: 70-1761 | Brand: Metra

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Metra 70-1761 Radio Wiring Harness. This harness is designed to fit Toyota, Scion, and Subaru vehicles from 1987 onwards, facilitating the connection of an aftermarket radio without cutting factory wiring.

What's in the Box

- Metra 70-1761 Wiring Harness

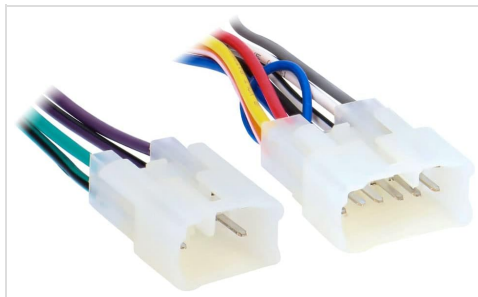


Figure 1: Metra 70-1761 Radio Wiring Harness. This image shows the two main connectors of the harness with multiple colored wires extending from them, designed to connect to both the aftermarket radio and the vehicle's factory wiring.

SETUP AND INSTALLATION

The Metra 70-1761 harness simplifies aftermarket radio installation by providing a direct plug-and-play solution to your vehicle's factory wiring. This eliminates the need for cutting or splicing the original vehicle harness, preserving its integrity.

Key Features for Installation:

- **Plugs Into Car Harness At Radio:** Ensures a secure and direct connection to the vehicle's existing radio wiring.
- **Powers 4 Speakers:** Designed to support a standard four-speaker setup.
- **Easy To Use:** Color-coded wires simplify matching with the aftermarket radio's wiring.

Installation Steps:

1. **Prepare the Aftermarket Radio:** Before installing the harness in the vehicle, connect the Metra 70-1761 harness to the aftermarket radio's wiring harness. Match the color-coded wires from the Metra harness to the corresponding wires on your

new radio's harness. Secure connections using crimp connectors, solder, or appropriate wiring methods.

2. **Access Vehicle's Factory Radio Wiring:** Carefully remove the factory radio from your vehicle to expose the existing wiring harness connections. Refer to your vehicle's service manual for specific radio removal instructions.
3. **Connect the Harness:** Plug the Metra 70-1761 harness directly into the vehicle's factory radio wiring connector. Ensure a firm and secure connection.
4. **Test the System:** Before fully reassembling the dashboard, test the aftermarket radio's functionality. Verify that all speakers are working, the radio receives power, and any other connected features (like antenna power) are operational.
5. **Secure Wiring and Reassemble:** Once functionality is confirmed, neatly route and secure all wiring to prevent pinching or interference. Reinstall the aftermarket radio and reassemble the dashboard components.

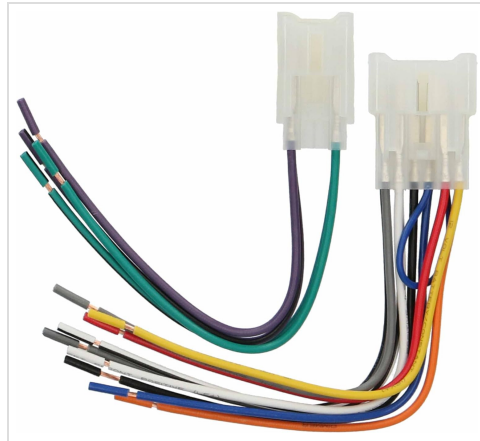


Figure 2: The wiring harness with individual wires clearly visible, illustrating the color-coding for easy matching with an aftermarket radio.



Figure 3: Back of the product packaging, showing the METRA/EIA color code for wire identification, crucial for correct installation.

OPERATING INSTRUCTIONS

Once correctly installed, the Metra 70-1761 wiring harness allows your aftermarket radio to operate seamlessly with your vehicle's

electrical system. Operation of the radio will follow the instructions provided with your specific aftermarket head unit.

Basic Functionality:

- **Power:** The harness provides constant and accessory power to the radio, allowing it to turn on and off with the vehicle's ignition.
- **Speaker Output:** Audio signals are routed to the vehicle's four speakers.
- **Antenna Power:** If applicable, the harness provides power to the vehicle's factory antenna amplifier.

MAINTENANCE

The Metra 70-1761 wiring harness requires minimal maintenance. Ensure all connections remain secure and free from moisture or corrosion. Periodically inspect the wiring behind the radio for any signs of wear or damage.

Inspection Tips:

- Check for loose connections.
- Ensure wires are not pinched or abraded by dashboard components.
- Keep the area around the harness clean and dry.

TROUBLESHOOTING

If you encounter issues after installation, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Radio does not power on.	Loose power connection (constant or accessory). Blown fuse in vehicle or radio.	Check all power connections. Inspect and replace any blown fuses.
No sound from speakers.	Loose speaker wire connections. Incorrect speaker polarity.	Verify all speaker wire connections are secure and correctly matched (positive to positive, negative to negative).
Radio loses memory/settings.	Constant power wire (yellow) is not connected or has no power.	Ensure the yellow wire from the harness is securely connected to a constant 12V power source.
Radio does not turn off with ignition.	Accessory power wire (red) is not connected or has constant power.	Verify the red wire is connected to a switched 12V accessory source.

SPECIFICATIONS

- **Brand:** Metra
- **Model Number:** 70-1761
- **Item Dimensions (L x W x H):** 4 x 0.5 x 3 inches
- **Item Weight:** 0.32 ounces
- **Cable Type:** Radio Wire
- **Connector Type:** Proprietary Connector (Vehicle-specific for Toyota/Scion/Subaru 87-Up)

- **Manufacturer:** METRA Ltd
- **Country of Origin:** China
- **UPC:** 086429002658

WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer directly. Warranty does not cover misuse of the product.