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## American International NWH-72A

# American International NWH-72A Factory Wiring Harness Instruction Manual

For Nissan and Infiniti Vehicles (1995-2010)

## INTRODUCTION

This manual provides instructions for the installation and use of the American International NWH-72A Factory Wiring Harness. This product is designed to facilitate the integration of an aftermarket car stereo into select Nissan and Infiniti vehicles manufactured between 1995 and 2010, utilizing the existing factory wiring system. It ensures a proper electrical connection without the need for cutting or splicing the vehicle's original wiring.

## VEHICLE COMPATIBILITY

The NWH-72A wiring harness is intended for use with Nissan and Infiniti vehicles from 1995 to 2010. **It is crucial to verify the specific compatibility of this harness with your vehicle's make, model, and year before beginning installation.** Consult your vehicle's service manual or a professional installer to confirm that this harness is appropriate for your factory audio system configuration, especially if your vehicle has a factory amplifier.

## SETUP AND INSTALLATION

Proper installation of the NWH-72A wiring harness is essential for optimal performance and to prevent damage to your vehicle's electrical system or aftermarket stereo. If you are unfamiliar with car audio installation, it is recommended to seek assistance from a qualified professional.

### Required Tools and Materials:

- Wire strippers/crimpers
- Electrical tape or heat shrink tubing
- Zip ties (optional, for cable management)
- Vehicle-specific dash disassembly tools (if required)

### Installation Steps:

1. **Disconnect Battery:** Before starting any electrical work, disconnect the negative terminal of your vehicle's

battery to prevent electrical shorts or damage.

2. **Remove Factory Stereo:** Carefully remove your vehicle's factory stereo unit. Refer to your vehicle's service manual for specific instructions on dash disassembly and stereo removal.
3. **Identify Factory Harness:** Locate the factory wiring harness that was connected to your original stereo.
4. **Connect NWH-72A to Aftermarket Stereo:** Match the wires from the NWH-72A harness to the corresponding wires on your aftermarket stereo's wiring harness. Typically, this involves matching colors (e.g., yellow to yellow for constant power, red to red for accessory power, black to black for ground, etc.). Use wire crimps, solder, or other secure connection methods, then insulate all connections with electrical tape or heat shrink tubing.
5. **Connect NWH-72A to Vehicle:** Plug the vehicle-specific connectors of the NWH-72A harness into the corresponding factory wiring harness connectors in your vehicle's dash. Ensure a secure and snug fit.
6. **Test Connections:** Before fully reassembling the dash, reconnect the vehicle's battery and briefly test the aftermarket stereo's functionality (power, audio output, balance, fade, etc.).
7. **Secure Wiring and Reassemble:** Once functionality is confirmed, neatly route and secure all wiring using zip ties to prevent rattles or interference. Reassemble the dash components and reinstall the aftermarket stereo.



Image: The American International NWH-72A Factory Wiring Harness, showing two multi-pin connectors designed to interface with a vehicle's factory wiring, and two sets of RCA plugs (purple/green and grey/white) for audio signal output to an aftermarket amplifier or head unit.

## OPERATING CONSIDERATIONS

Once installed, the NWH-72A wiring harness operates passively, providing the necessary electrical connections

for your aftermarket stereo. There are no user-operable controls on the harness itself. Ensure your aftermarket stereo is properly configured according to its own instruction manual for optimal audio performance.

## MAINTENANCE

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The NWH-72A wiring harness requires minimal maintenance. Periodically, if you experience audio issues, you may want to:

- **Check Connections:** Ensure all connections between the harness, aftermarket stereo, and vehicle's factory wiring remain secure and free from corrosion.
- **Inspect Wiring:** Verify that no wires are pinched, frayed, or exposed, which could lead to short circuits.

Avoid exposing the harness to excessive moisture or extreme temperatures, which could degrade its performance over time.

## TROUBLESHOOTING

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If you encounter issues after installing the NWH-72A wiring harness, consider the following troubleshooting steps:

- **No Power to Stereo:**
  - Check the vehicle's fuse box for any blown fuses related to the stereo or accessory power.
  - Verify that the constant (yellow) and accessory (red) power wires are correctly connected and receiving power.
  - Ensure the ground wire (black) has a secure connection.
- **No Sound or Intermittent Sound:**
  - Confirm all speaker wires are correctly matched and securely connected between the harness and the aftermarket stereo.
  - If using RCA connections for an external amplifier, ensure these are securely plugged in and the amplifier is receiving power and a remote turn-on signal.
  - Check the aftermarket stereo's settings (e.g., fader, balance, mute).
- **Harness Does Not Fit Vehicle:**
  - Double-check the compatibility of the NWH-72A with your exact vehicle make, model, and year. Some vehicles, even within the specified range, may have variations in their factory wiring.
  - Ensure you are attempting to connect the harness to the correct factory connectors.
- **Other Issues:**
  - Consult the instruction manual for your aftermarket stereo.
  - If issues persist, contact American International customer support or a professional car audio installer.

## SPECIFICATIONS

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- **Model Number:** NWH-72A
- **Brand:** American International
- **Material:** Copper
- **Item Weight:** Approximately 1 Pound (0.45 kg)
- **Manufacturer:** AMERICAN INTERNATIONAL
- **Compatibility:** Nissan and Infinity vehicles (1995-2010)

- **Function:** Factory amplifier integration wiring harness

## **WARRANTY INFORMATION**

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Specific warranty details for the American International NWH-72A wiring harness are not provided in this document. For information regarding product warranty, including coverage duration and terms, please refer to the packaging, any included warranty cards, or contact American International directly through their official website or customer service channels.

## **CUSTOMER SUPPORT**

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If you require further assistance with installation, troubleshooting, or have questions about the American International NWH-72A wiring harness, please contact American International customer support. Contact information can typically be found on the manufacturer's official website or product packaging.