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› Jayubien 24Pin Radio Wiring Harness User Manual

JAYUBIEN USJY103

Jayubien 24Pin Radio Wiring Harness User Manual

Model: USJY103

1. INTRODUCTION

This manual provides comprehensive instructions for the installation and use of the Jayubien 24Pin Radio Wiring Harness. This adapter is designed to facilitate the connection of an aftermarket 16Pin ISO stereo to the factory wiring system of compatible Ford, Mercury, and Lincoln vehicles from 2006-2012. It ensures a seamless and reliable electrical connection for your car audio system.

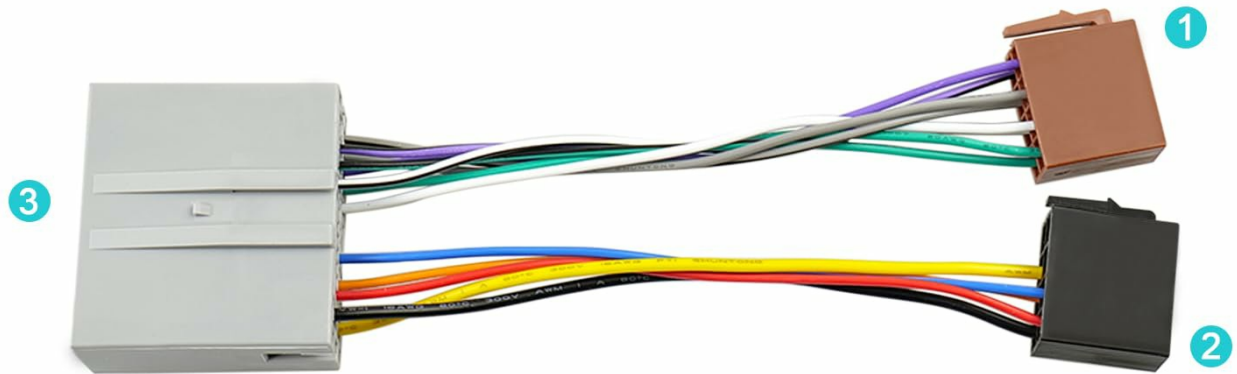
2. PRODUCT OVERVIEW

The Jayubien wiring harness consists of a 24-pin connector designed to interface with your vehicle's factory radio system, and 16-pin ISO connectors for power and speakers, compatible with aftermarket head units.



Figure 2.1: Overview of the Jayubien 24Pin Radio Wiring Harness. This image displays the complete wiring harness with its various connectors and color-coded wires, ready for installation.

Plug and Play Radio Wiring Harness



8Pin Speaker Connector



8Pin Power Connector



24Pin Car Connector

Figure 2.2: Detailed view of the harness components. (1) 8-Pin Speaker Connector, (2) 8-Pin Power Connector, (3) 24-Pin Car Connector. These components facilitate the connection between the vehicle's factory wiring and an aftermarket stereo.

3. COMPATIBILITY

This wiring harness is compatible with specific Ford, Mercury, and Lincoln models and years. It is designed for vehicles **without** a premium AMP system and **without** Canbus integration for the radio.

Jayubien Wiring Harness for Ford/Lincoln/Mercury



- for Ford E-150 2009-2013
- for Ford E-250 2009-2014
- for Ford E-350 Super Duty 2009-2017
- for Ford E-450 Super Duty 2009-2010
- for Ford E-450 Super Duty 2014-2016
- for Ford F-150 2004-2014
- for Ford F-250 Super Duty 2005-2010
- for Ford F-250 Super Duty 2013-2016
- for Ford F-350 Super Duty 2005-2010
- for Ford F-350 Super Duty 2013-2016
- for Ford F-450 Super Duty 2005-2010
- for Ford F-450 Super Duty 2013-2016
- for Ford F-550 Super Duty 2005-2010
- for Ford F-550 Super Duty 2013-2016
- for Ford F650 2011-2016
- for Ford F750 2011-2015
- for Ford Expedition 2003-2006
- for Ford Crown Victoria 2003-2011
- for Ford Thunderbird 2004-2005
- for Ford Freestar 2004-2007
- for Ford Mustang 2004-2008
- for Ford Explorer 2004-2010
- for Ford Focus 2005-2007
- for Ford Freestyle 2005-2007
- for Ford Five Hundred 2005-2007
- for Ford Fusion 2006-2009
- for Ford Edge 2007-2010
- for Ford Explorer Sport Trac 2007-2010
- for Ford Taurus 2008-2009
- for Ford Transit Connect 2012-2013
- for Lincoln Aviator 2003-2005
- for Lincoln LS 2003-2006
- for Lincoln Navigator 2003-2006
- for Lincoln Town Car 2003-2011
- for Mercury Marauder 2003-2007
- for Mercury Grand Marquis 2003-2010
- for Mercury Monterey 2004-2007
- for Mercury Montego 2005-2007
- for Mercury Milan 2006-2008
- for Mercury Mountaineer 2006-2010
- for Mercury Sable 2008-2009

Figure 3.1: Visual representation of compatible vehicle models. This image lists various Ford, Lincoln, and Mercury models and their corresponding years that are compatible with this wiring harness.

3.1. Compatible Ford Models (No AMP and Canbus)

- E-150: 2009-2013
- E-250: 2009-2014
- E-350 Super Duty: 2009-2017
- E-450 Super Duty: 2009-2010, 2014-2016
- F-150: 2004-2014
- F-250 Super Duty: 2005-2010, 2013-2016
- F-350 Super Duty: 2005-2010, 2013-2016
- F-450 Super Duty: 2005-2010, 2013-2016
- F-550 Super Duty: 2005-2010, 2013-2016
- F650: 2011-2016
- F750: 2011-2015
- Expedition: 2003-2006

- Crown Victoria: 2003-2011
- Thunderbird: 2004-2005
- Freestar: 2004-2007
- Mustang: 2004-2008
- Explorer: 2004-2010
- Focus: 2005-2007
- Freestyle: 2005-2007
- Five Hundred: 2005-2007
- Fusion: 2006-2009
- Edge: 2007-2010
- Explorer Sport Trac: 2007-2010
- Taurus: 2008-2009
- Transit Connect: 2012-2013

3.2. Compatible Lincoln Models (No AMP and Canbus)

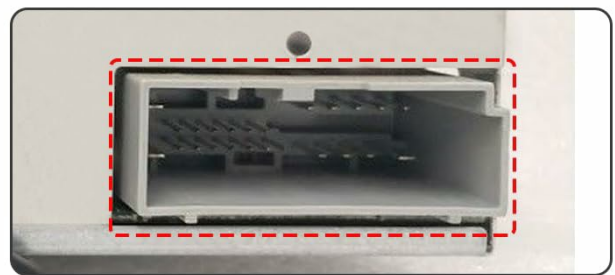
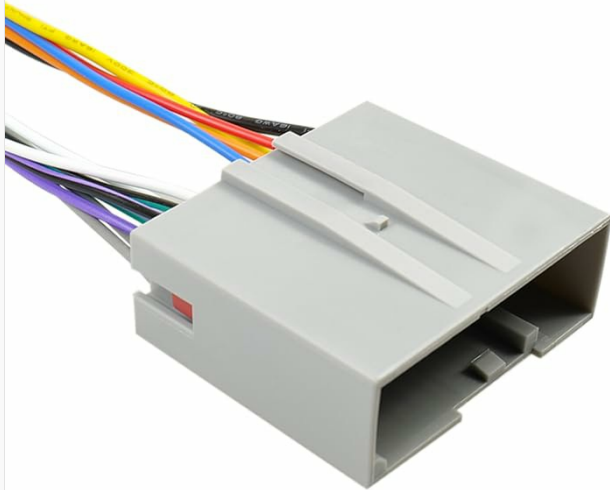
- Aviator: 2003-2005
- LS: 2003-2006
- Navigator: 2003-2006
- Town Car: 2003-2011

3.3. Compatible Mercury Models (No AMP and Canbus)

- Marauder: 2003-2007
- Grand Marquis: 2003-2010
- Monterey: 2004-2007
- Montego: 2005-2007
- Milan: 2006-2008
- Mountaineer: 2006-2010
- Sable: 2008-2009

Important Note: The listed car models and years are for reference. This harness may fit other Ford/Lincoln/Mercury models if your car's connectors are identical. This harness is specifically for lower version vehicles without a premium AMP system. If unsure about compatibility, please compare your factory CD player's back connectors with the images provided or consult a professional.

Fit for Factory Car Radio Wire Connectors



For Vehicle Factory Radio Adapter
with Same Sockets

Notes:

1. These car model and years above are just for your reference, it would fit for Ford/Lincoln/Mercury other models if your car connectors are same.
2. This harness is only use for lower version Ford/Lincoln/Mercury without premium AMP system.
3. If you are not sure whether it can fit for your car, please provide some pictures of your factory CD player's back connectors to check!

Figure 3.2: Comparison image showing the vehicle factory radio adapter with same sockets. This helps users verify if their car's existing connectors match the harness.

4. SETUP AND INSTALLATION

The Jayubien wiring harness is designed for plug-and-play installation, simplifying the process of connecting an aftermarket stereo. Ensure the vehicle's battery is disconnected before beginning installation.

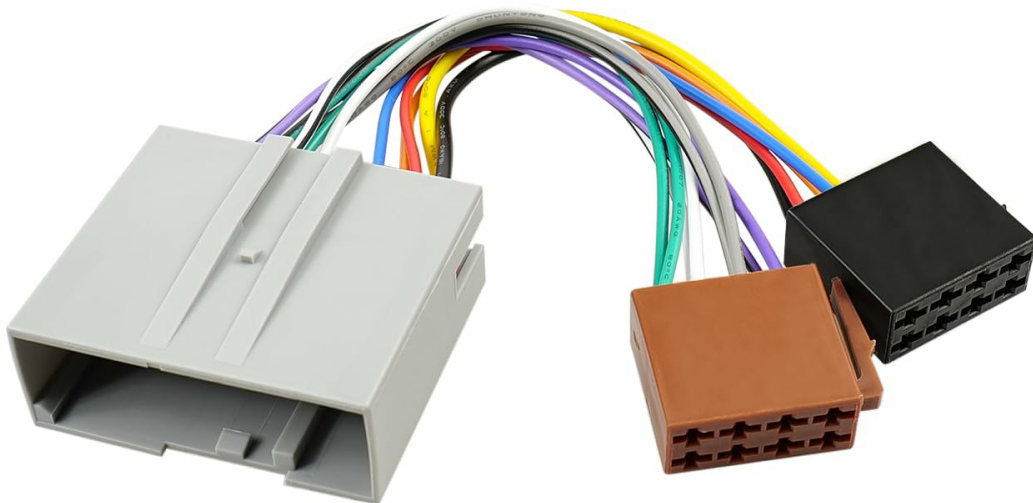
4.1. Pre-Installation Steps

1. **Verify Compatibility:** Double-check that your vehicle model and year are listed in the compatibility section (Section 3) and that your vehicle does not have a premium AMP system.
2. **Inspect Connectors:** Compare the 24-pin connector on the harness with your vehicle's factory radio connector to ensure a match.
3. **Gather Tools:** You may need basic tools such as a panel removal tool, screwdriver set, and wire crimpers (if any custom connections are required, though typically not with this harness).
4. **Disconnect Battery:** For safety, disconnect the negative terminal of your vehicle's battery before starting any electrical work.

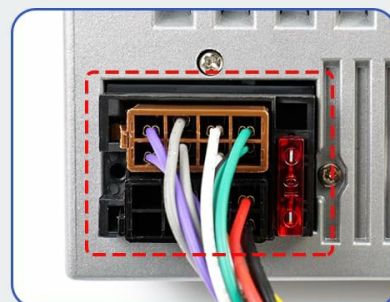
4.2. Installation Procedure

1. **Remove Factory Radio:** Carefully remove your vehicle's existing factory radio. Refer to your vehicle's service manual for specific instructions on dash disassembly.
2. **Locate Factory Harness:** Identify the factory wiring harness that was connected to your old radio. This will typically be a 24-pin connector.
3. **Connect 24-Pin Adapter:** Plug the 24-pin connector of the Jayubien wiring harness into the corresponding factory connector in your vehicle. Ensure it clicks securely into place.
4. **Connect Aftermarket Stereo:** Connect the 8-pin power connector and the 8-pin speaker connector (ISO connectors) of the Jayubien harness to the corresponding ports on your aftermarket 16-pin ISO stereo. These are typically color-coded to match standard aftermarket wiring.

16Pin ISO Power Speaker Connectors



Standard ISO Power Socket

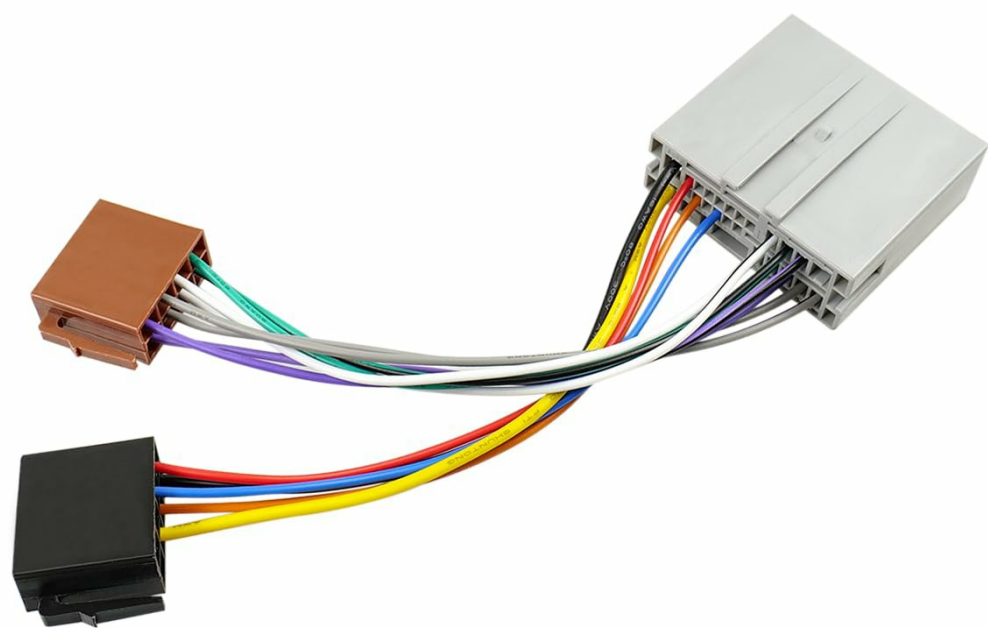


Perfect Fit

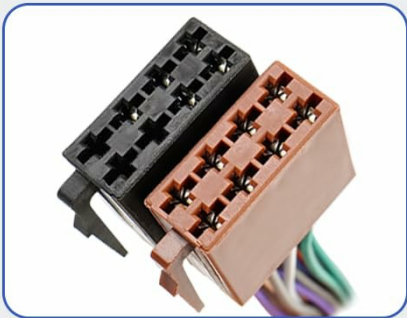
Figure 4.1: Image showing the 16-pin ISO power and speaker connectors. This illustrates how the harness connects to a standard ISO power socket on an aftermarket radio, ensuring a perfect fit.

5. **Test Connections:** Before fully reassembling the dash, reconnect the vehicle's battery and briefly test the aftermarket stereo's functionality (power, audio from all speakers, radio reception, etc.).
6. **Secure Wiring:** Once confirmed working, carefully route and secure all wiring to prevent pinching or interference.
7. **Reassemble Dash:** Reinstall the aftermarket stereo and reassemble the vehicle's dashboard components.

Easy Connection&High-Grade Material



Factory Color Code



Sturdy ABS Connectors

Figure 4.2: Image highlighting the factory color code and sturdy ABS connectors. This demonstrates the quality of the materials and the adherence to standard wiring color conventions for easy connection.

5. OPERATING

Once correctly installed, the Jayubien wiring harness acts as a passive adapter, allowing your aftermarket stereo to receive power and transmit audio signals through your vehicle's existing wiring infrastructure. There are no operational controls on the harness itself.

Operation of your car audio system will be entirely dependent on the features and controls of your aftermarket stereo unit. Refer to the user manual provided with your aftermarket stereo for instructions on its specific functions, such as tuning, volume control, source selection, and advanced audio settings.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Stereo does not power on.	- Loose connection at harness or stereo. - Blown fuse in vehicle or stereo. - Incorrect wiring (e.g., ACC wire not connected).	- Ensure all connections are secure. - Check vehicle's fuse box and stereo's inline fuse. Replace if necessary. - Verify wiring diagram for aftermarket stereo and ensure correct connections.
No sound from speakers.	- Loose speaker wire connections. - Incorrect speaker wiring polarity. - Vehicle has a premium AMP system (incompatible).	- Check all speaker wire connections at both the harness and the stereo. - Ensure positive and negative speaker wires are connected correctly. - Confirm your vehicle does not have a premium AMP system. This harness is not compatible with such systems.
Stereo loses memory/settings.	Constant power wire (yellow) not connected or faulty.	Verify the yellow wire from the harness is correctly connected to the constant 12V power source from the vehicle.
Harness does not fit vehicle connector.	- Incorrect harness for vehicle model/year. - Vehicle has a different factory radio system.	- Re-verify your vehicle's exact model, year, and factory radio type against the compatibility list. - Consult a professional installer or the product manufacturer for alternative solutions.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified car audio installer.

7. MAINTENANCE

The Jayubien wiring harness requires minimal maintenance. Once installed correctly, it is designed for long-term, reliable operation.

- Periodic Inspection:** If you ever need to access your vehicle's dashboard for other reasons, it is advisable to visually inspect the harness connections for any signs of wear, corrosion, or looseness.
- Keep Dry:** Ensure the harness and its connections remain dry and free from moisture, which can lead to corrosion and electrical issues.
- Avoid Stress:** Do not pull or put excessive strain on the wires or connectors, especially during installation or removal of the stereo.

8. SPECIFICATIONS

Feature	Detail
Product Name	Jayubien 24Pin Radio Wiring Harness
Model Number	USJY103
Connector Type (Vehicle Side)	24-Pin (Factory Car Radio)
Connector Type (Aftermarket Stereo Side)	16-Pin ISO (8-Pin Power, 8-Pin Speaker)
Material	Copper Polyvinyl Chloride (PVC)

Feature	Detail
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Item Weight	35 Grams
Cable Type	Proprietary
Recommended Use	Aftermarket Radio Stereo Installation

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