

**CD511 / CD511K**

# JENSEN CD511 / CD511K Wiring Harness Plug Instruction Manual

Model: CD511 / CD511K

## INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your JENSEN CD511 / CD511K Wiring Harness Plug. Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct operation.

The JENSEN CD511 / CD511K Wiring Harness Plug is designed to provide a secure and reliable electrical connection for compatible JENSEN car audio systems, facilitating the integration of aftermarket stereos into vehicle wiring systems.

## PRODUCT OVERVIEW



A close-up view of the JENSEN CD511 / CD511K Wiring Harness Plug, showing the multi-colored wires connected to the black plastic connector. This harness is essential for connecting a JENSEN car stereo to a vehicle's electrical system. The wiring harness serves as an adapter, allowing for a clean and reversible connection between your JENSEN CD511 or CD511K car stereo and the vehicle's factory wiring. It typically includes color-coded wires that correspond to standard automotive audio wiring conventions.

## SETUP AND INSTALLATION

Proper installation of the wiring harness is crucial for the functionality and safety of your car audio system. It is recommended that installation be performed by a qualified professional if you are not familiar with automotive electrical systems.

### Safety Precautions:

- Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent

short circuits and electrical shock.

- Use appropriate tools and wear safety glasses.
- Ensure all connections are secure and properly insulated to prevent shorts and corrosion.
- Refer to your vehicle's service manual for specific wiring diagrams.

## Installation Steps:

1. **Identify Wires:** Match the color-coded wires of the JENSEN wiring harness to the corresponding wires of your vehicle's factory stereo harness. Common wire functions include:
  - Yellow: Constant 12V (Battery)
  - Red: Switched 12V (Accessory/Ignition)
  - Black: Ground
  - Orange: Illumination/Dimmer
  - Blue: Power Antenna/Amplifier Remote Turn-On
  - White/White-Black: Front Left Speaker (+/-)
  - Gray/Gray-Black: Front Right Speaker (+/-)
  - Green/Green-Black: Rear Left Speaker (+/-)
  - Purple/Purple-Black: Rear Right Speaker (+/-)
2. **Connect Wires:** Using appropriate connectors (crimp caps, solder, heat shrink tubing), securely connect the wires from the JENSEN harness to the vehicle's harness. Ensure each connection is robust and insulated.
3. **Plug In:** Once all individual wire connections are made, plug the JENSEN wiring harness connector into the back of your JENSEN CD511 or CD511K car stereo.
4. **Test System:** Reconnect the vehicle's negative battery terminal. Turn on the vehicle and test the car stereo's functionality, including power, audio output from all speakers, and other features like illumination.
5. **Secure Wiring:** Neatly route and secure all wiring to prevent pinching or interference with other vehicle components.

## OPERATING PRINCIPLES

The JENSEN CD511 / CD511K Wiring Harness Plug itself does not have operational controls. Its function is to provide the necessary electrical interface between the vehicle's power, ground, and speaker wiring, and the corresponding inputs/outputs of the JENSEN CD511 or CD511K car stereo. Once correctly installed, it enables the car stereo to receive power, send audio signals to speakers, and utilize other vehicle-specific functions like illumination or accessory power.

## MAINTENANCE

The JENSEN CD511 / CD511K Wiring Harness Plug requires minimal maintenance. Once installed, it is designed for long-term reliability.

- **Periodic Inspection:** If you experience issues with your car stereo, a visual inspection of the wiring

harness connections can be performed. Check for any loose wires, signs of corrosion, or damaged insulation.

- **Keep Dry:** Ensure the harness and its connections remain dry and free from moisture, which can lead to corrosion and electrical issues.

## TROUBLESHOOTING

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

- **No Power to Stereo:**
  - Check the vehicle's fuse box for blown fuses related to the stereo or accessory power.
  - Verify that the constant 12V (Yellow wire) and switched 12V (Red wire) connections are secure and receiving power. Use a multimeter to test.
  - Ensure the ground wire (Black) has a solid connection to the vehicle's chassis.
- **No Sound from Speakers:**
  - Confirm all speaker wires (White, Gray, Green, Purple and their black-striped counterparts) are correctly matched and securely connected to the vehicle's speaker wires.
  - Check the stereo's fader and balance settings.
  - Ensure the amplifier remote turn-on wire (if applicable, typically Blue) is connected and providing power to an external amplifier.
- **Stereo Not Turning Off with Ignition:**
  - Verify that the Red (switched 12V) and Yellow (constant 12V) wires are not swapped.
- **Intermittent Issues:**
  - Inspect all connections for looseness or poor insulation. Vibrations in the vehicle can cause intermittent contact.
  - Check for any pinched or frayed wires.

If problems persist after troubleshooting, consult a professional automotive audio technician.

## SPECIFICATIONS

Attribute	Detail
Model Compatibility	JENSEN CD511, JENSEN CD511K
Product Type	Wiring Harness Plug / Auto Stereo Accessory
Manufacturer	Generic
ASIN	B072SVYBVR

Attribute	Detail
Date First Available	May 25, 2016

## WARRANTY AND SUPPORT

Information regarding specific warranty terms for this Generic brand wiring harness is not provided in the product details. For any warranty claims or technical support, please refer to the retailer or the original point of purchase.

For general automotive electrical advice or installation assistance, it is recommended to consult a certified automotive technician or a reputable car audio specialist.