

## Sky International JEN20-21Z

# Sky International 20-Pin Power Plug Cable Assembly

Model: JEN20-21Z - Instruction Manual

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sky International 20-Pin Power Plug Cable Assembly, Model JEN20-21Z. This cable assembly is designed to provide a reliable power and speaker connection for compatible Jensen CD/MP3/DVD stereo units in automotive applications. Please read this manual thoroughly before installation to ensure proper setup and functionality.

## 2. PRODUCT COMPATIBILITY

The Sky International 20-Pin Power Plug Cable Assembly (JEN20-21Z) is compatible with a wide range of Jensen CD/MP3/DVD stereo units. Please verify your stereo model against the list below to confirm compatibility:

- CD310X, CD311X, CD315X, CD330X, CD335X, CD450K, CD450X, CD510K, CD511K, CD615X
- CD2010X, CD2620, CD2620e, CD2620SE, CD3010X, CD3210, CD3610, CD3720, CD3720XM, CD4610, CD6112
- CDH900, CDH1000, CM715K, CM9521, CR560X, MCD4030, MCD5050
- MP315X, MP3310, MP3510, MP5010K, MP5610, MP5720, MP6312i, MP6512i, MP6610, MP7610
- MR2020, MSR4050G, MXM4425, MXM4425G

## 3. INSTALLATION GUIDE

**Safety First:** Before beginning any installation, disconnect the vehicle's negative battery terminal to prevent electrical shorts and potential damage to your vehicle's electrical system or the stereo unit.

1. **Access Stereo Unit:** Carefully remove your existing Jensen stereo unit from the dashboard to access its rear connections. Refer to your vehicle's service manual or an online guide for specific instructions on how to safely remove your stereo.

2. **Identify Existing Wiring:** If replacing an old harness, carefully disconnect it. Note the color coding of your vehicle's wiring harness if you are connecting directly to it.
3. **Connect New Harness:** Plug the 20-pin connector of the Sky International cable assembly into the corresponding port on the back of your Jensen stereo unit. Ensure it clicks securely into place.
4. **Wire Connections:** Connect the individual wires of the new harness to your vehicle's wiring system. Standard color codes are typically used, but always verify with your stereo's manual or a wiring diagram for your specific vehicle and stereo model. Common connections include:
  - **Yellow:** Constant 12V (Battery)
  - **Red:** Switched 12V (Accessory)
  - **Black:** Ground
  - **Blue:** Power Antenna / Amplifier Remote Turn-On
  - **Speaker Wires:** Typically pairs of solid and striped wires (e.g., White/White-Black for Left Front Speaker).
5. **Test Connections:** Before fully reassembling, reconnect the vehicle's negative battery terminal. Turn on the vehicle and test the stereo's functionality (power, sound from all speakers, radio, CD/MP3 playback).
6. **Secure Wiring and Reassemble:** Once confirmed working, neatly bundle and secure all wiring to prevent rattles or damage. Carefully reinstall the stereo unit into the dashboard.



Figure 1: Overview of the Sky International 20-Pin Power Plug Cable Assembly, showing the multi-colored wires and the main connector.

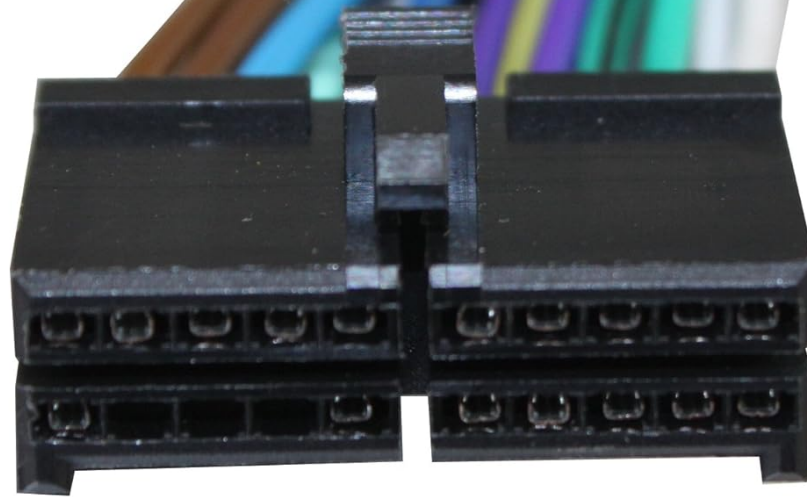


Figure 2: Close-up view of the 20-pin connector, highlighting the pin configuration for secure attachment to the stereo unit.

## 4. OPERATION

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Once the Sky International 20-Pin Power Plug Cable Assembly is correctly installed, your Jensen stereo unit will operate as designed. The cable assembly facilitates the necessary power and audio signal connections, allowing your stereo to function normally. Refer to your Jensen stereo's specific user manual for detailed operating instructions regarding its features and functions.

## 5. MAINTENANCE

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The Sky International 20-Pin Power Plug Cable Assembly requires minimal maintenance. Once installed, ensure that all connections remain secure and free from excessive tension or abrasion. Periodically inspect visible wiring for any signs of wear or damage. Avoid exposing the cable to extreme temperatures or harsh chemicals, which could degrade the wiring insulation.

## 6. TROUBLESHOOTING

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If you encounter issues after installing the cable assembly, consider the following 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 yellow (constant 12V) and red (switched 12V) wires are correctly connected and receiving power.
- Ensure the black (ground) wire has a solid connection to the vehicle's chassis.

- **No Sound from Speakers:**

- Confirm all speaker wires are correctly connected to the corresponding vehicle speaker wires and are not shorting.
- Check the stereo's balance and fader settings.
- If using an external amplifier, ensure the blue (remote turn-on) wire is connected and the amplifier is receiving power.

- **Intermittent Functionality:**

- Inspect all connections for looseness or corrosion.
- Ensure the 20-pin connector is fully seated in the stereo's port.

If problems persist, consult a professional car audio installer.

## 7. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	JEN20-21Z
Manufacturer	Sky International
Material	OFC (Oxygen-Free Copper)
Connector Type	20-Pin Power Plug
Item Weight	3 Ounces
Package Dimensions	3 x 2 x 1 inches

## 8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Sky International 20-Pin Power Plug Cable Assembly, please contact Sky International directly. Keep your purchase receipt as proof of purchase. Specific warranty terms and conditions may vary.