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› EASWEL Wire Harness Instruction Manual for Pioneer DEH-S31BT, DEHS4000BT, DEH-S4000BT

EASWEL DEH-S31BT, DEHS4000BT, DEH-S4000BT

EASWEL Wire Harness Instruction Manual

For Pioneer DEH-S31BT, DEHS4000BT, DEH-S4000BT Car Stereos

INTRODUCTION

This manual provides detailed instructions for the installation and proper use of your EASWEL Wire Harness. This harness is designed to provide a direct and secure electrical connection for compatible Pioneer car stereo models, specifically the DEH-S31BT, DEHS4000BT, and DEH-S4000BT. Please read this manual thoroughly before installation to ensure correct and safe operation.

SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits and electrical shock.
- Ensure all connections are secure and properly insulated to prevent electrical shorts and potential fire hazards.
- Refer to your vehicle's service manual for specific wiring diagrams and safety precautions.
- If you are unsure about any part of the installation process, consult a qualified automotive technician.
- Do not modify the wire harness. Any modifications may void the warranty and create safety risks.

PACKAGE CONTENTS

Verify that all items are present before beginning installation:

- 1 x EASWEL Wire Harness for Pioneer DEH-S31BT/DEHS4000BT/DEH-S4000BT

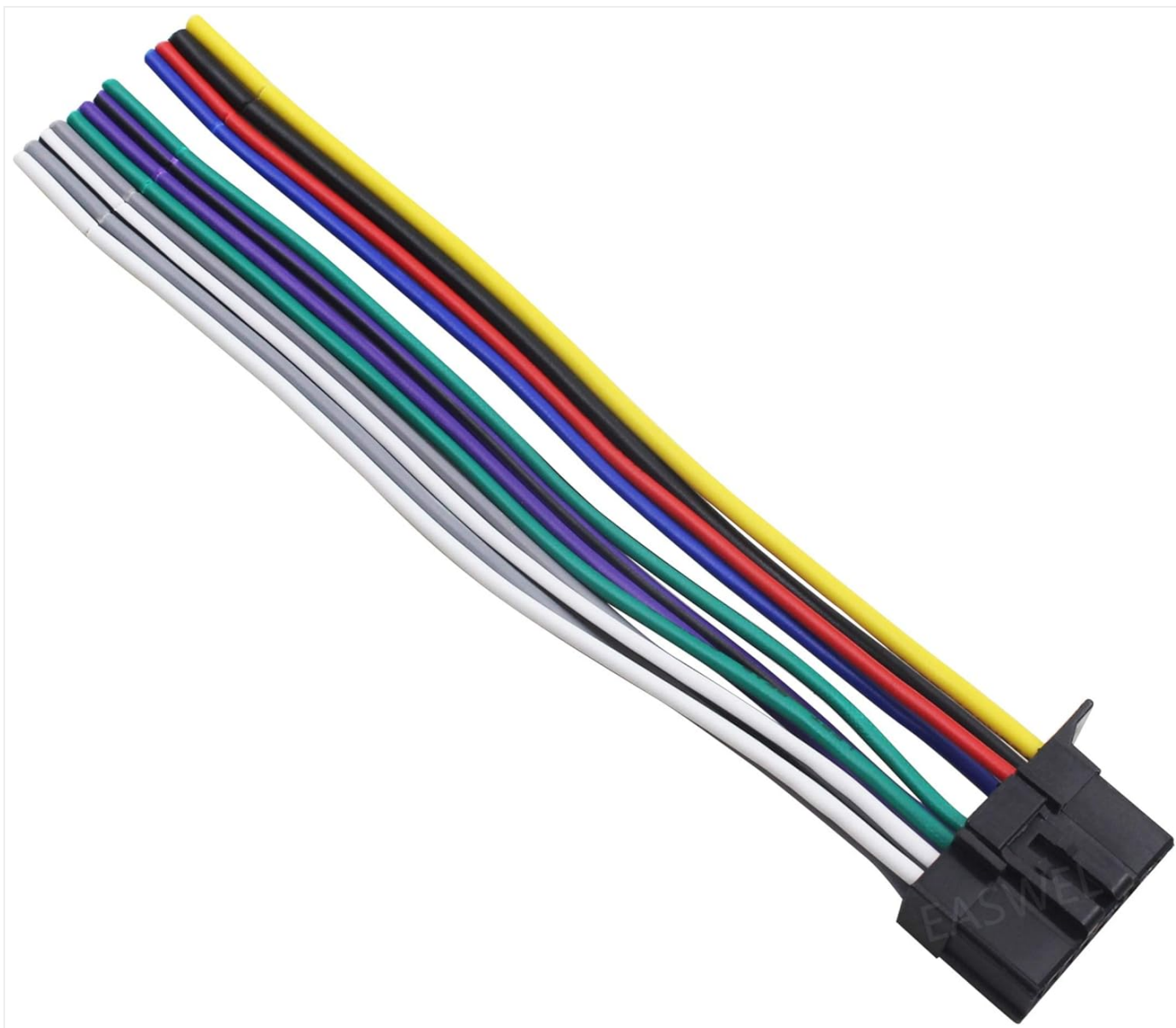


Image: The EASWEL Wire Harness, featuring a multi-colored array of wires terminating in a black plastic connector, designed for car stereo integration.

SETUP AND INSTALLATION

This section guides you through the process of connecting the wire harness to your Pioneer car stereo and vehicle's wiring system.

1. Pre-Installation Checks

1. Ensure the vehicle's ignition is off and the negative terminal of the battery is disconnected.
2. Confirm that the wire harness is compatible with your specific Pioneer stereo model (DEH-S31BT, DEHS4000BT, DEH-S4000BT).
3. Gather necessary tools: wire strippers, crimpers, electrical tape or heat shrink tubing, and a multimeter (optional, for verifying connections).

2. Wiring Color Code Reference

The EASWEL wire harness follows standard EIA color codes for automotive audio. Match these wires to your vehicle's wiring harness or the wiring diagram provided with your Pioneer stereo.







Image: A detailed view of the EASWEL Wire Harness, highlighting the distinct colors of each wire for easy identification during installation.

Standard Wire Color Code

Wire Color	Function
Yellow	Constant 12V (Battery)
Red	Switched 12V (Accessory/Ignition)
Black	Ground
Blue	Power Antenna / Amplifier Remote Turn-On
Orange	Illumination / Dimmer
White	Front Left Speaker (+)
White/Black	Front Left Speaker (-)
Gray	Front Right Speaker (+)
Gray/Black	Front Right Speaker (-)
Green	Rear Left Speaker (+)
Green/Black	Rear Left Speaker (-)
Violet	Rear Right Speaker (+)
Violet/Black	Rear Right Speaker (-)

Note: Always cross-reference with your specific stereo and vehicle wiring diagrams as color codes can vary slightly.

3. Connection Steps

- Match Wires:** Carefully match each wire from the EASWEL harness to the corresponding wire on your vehicle's wiring harness or the aftermarket stereo's wiring.
- Secure Connections:** Use appropriate connectors (crimp caps, solder, or butt connectors) to join the wires. Ensure each connection is strong and electrically sound.
- Insulate Connections:** After securing, insulate each connection individually using electrical tape or heat shrink tubing to prevent short circuits.
- Connect to Stereo:** Plug the EASWEL wire harness connector into the back of your Pioneer DEH-S31BT, DEHS4000BT, or DEH-S4000BT car stereo.
- Final Checks:** Before reconnecting the battery, double-check all connections for correctness and security. Ensure no bare wires are exposed.
- Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.

OPERATING THE STEREO (POST-INSTALLATION)

Once the EASWEL wire harness is correctly installed, your Pioneer car stereo should power on and function as intended. Refer to your Pioneer stereo's specific user manual for detailed operating instructions.

- Turn on the vehicle's ignition to the accessory or ON position.
- Power on your Pioneer car stereo.
- Test all functions: radio, CD/USB playback, speaker output (front/rear, left/right), and illumination.
- If any function does not work, refer to the Troubleshooting section.

MAINTENANCE

The EASWEL wire harness is designed for durability and requires minimal maintenance. However, periodic checks can ensure long-term reliability.

- **Visual Inspection:** Periodically inspect the visible parts of the harness for any signs of wear, fraying, or damage.
- **Connection Integrity:** Ensure all wire connections remain secure and insulated. Vibrations in a vehicle can sometimes loosen connections over time.
- **Cleanliness:** Keep the area around the stereo and harness free from excessive dust or moisture.

TROUBLESHOOTING

If you encounter issues after installing the wire harness, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Stereo does not power on.	No constant 12V (Yellow wire). No switched 12V (Red wire). Poor ground connection (Black wire). Blown fuse in vehicle or stereo.	Check Yellow wire connection to constant 12V. Check Red wire connection to ignition 12V. Verify Black wire is securely grounded. Inspect vehicle and stereo fuses.
No sound from speakers.	Incorrect speaker wire connections. Speaker wires shorted. Stereo settings (e.g., fader/balance).	Verify all speaker wires are correctly matched (+ to + and - to -). Ensure no speaker wires are touching each other or ground. Check stereo's audio settings.
Stereo loses memory presets.	Yellow (constant 12V) and Red (switched 12V) wires are swapped or not connected.	Ensure Yellow wire has constant 12V and Red wire has switched 12V.

If the problem persists after following these steps, consult a professional automotive audio installer.

SPECIFICATIONS

- **Brand:** EASWEL
- **Material:** Copper
- **Connector Type:** Specific to Pioneer DEH-S31BT, DEHS4000BT, DEH-S4000BT
- **Compatibility:** Pioneer DEH-S31BT, DEHS4000BT, DEH-S4000BT car stereos
- **UPC:** 708257922631

WARRANTY AND SUPPORT

For warranty information or technical support regarding your EASWEL Wire Harness, please refer to the seller's information or contact EASWEL directly through their official channels. Keep your purchase receipt as proof of purchase.

