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Bestycar BC-CAB-107

Bestycar 16-Pin Car Radio Stereo Power Wiring Harness and Antenna Adapter for Honda CRV Civic (2012-2015)

Instruction Manual

1. Introduction and Overview

This manual provides detailed instructions for the installation and use of the Bestycar 16-pin car radio stereo power retrofit wiring harness and antenna adapter. This product is designed to facilitate the installation of an aftermarket Android stereo head unit in compatible Honda vehicles.
The harness offers a plug-and-play solution, connecting directly to factory car connectors without requiring modification of the original vehicle wiring. It supports original steering wheel controls, radio functions, and USB connectivity, enhancing the functionality of your new stereo system.

2. Product Compatibility and Fitment

This wiring harness is compatible with the following vehicle models:

- **Honda Civic:** 2012, 2013, 2014, 2015
- **Honda CRV (CR-V):** 2012, 2013, 2014, 2015 (2.0 basic version)

Important Compatibility Notes:

- Designed for vehicles with an original car setup that has **no screen** and **no OEM rear view camera**.
- This 16-pin car radio stereo power harness is suitable only for aftermarket Android stereos with a **universal 16-pin power socket**.
- It is **not suitable** for Pioneer, Sony, or Kenwood radios.



Image: Example of compatible Honda CRV/Civic 2012-2015 center console without a factory screen.



Image: Illustration of an aftermarket Android stereo's rear panel, highlighting the compatible 16-pin power socket.

3. Package Contents

The package includes the following components:

- Bestycar 16-Pin Car Radio Stereo Power Wiring Harness with integrated CAN bus decoder and antenna adapter.



Image: The complete Bestycar 16-pin wiring harness assembly, including the CAN bus decoder module and antenna adapter.

4. Setup and Installation

Before beginning installation, ensure the vehicle's battery is disconnected to prevent electrical shorts.

4.1 General Installation Steps

1. Carefully remove the original car radio or center console panel to access the factory wiring connectors.
2. Connect the Bestycar wiring harness directly to the corresponding factory car connectors. The harness is designed for a plug-and-play fit, eliminating the need to cut original car wires.
3. Connect the other end of the Bestycar harness to your aftermarket Android stereo's 16-pin power socket.
4. Connect the antenna adapter from the harness to the stereo's antenna input.
5. Ensure all connections are secure and properly seated.



Image: Close-up view of the various plug-and-play connectors on the wiring harness, designed for direct connection to vehicle and stereo.

4.2 CAN Bus Decoder Settings

For proper functionality, especially for steering wheel controls and other vehicle data, the integrated CAN bus decoder requires configuration within your aftermarket Android stereo. Follow these steps:

1. Locate the 8-pin CAN plug on the wiring harness and connect it to the corresponding 8-pin CAN socket on your stereo head unit.
2. On your Android stereo, navigate to the **Settings** menu, then find **Factory Settings**. You may need to enter a factory password; if unknown, contact your stereo seller for assistance.
3. Within Factory Settings, locate **CANBUS Setting** or **Model Settings**.
4. Select the correct CANBUS brand, which is **"Raise"**.
5. Proceed to select your Car Brand (Honda), then your specific Car Model (Civic or CRV), and finally the specific Configuration or Year range (2012-2015).
6. **Save** the settings and **Reboot** your stereo for changes to take effect.

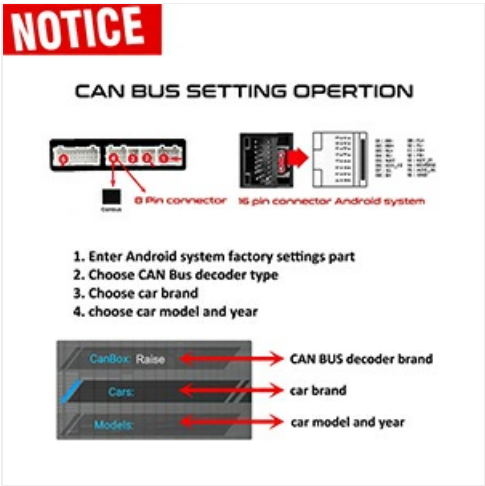

Image: Diagram illustrating the steps for configuring the CAN bus settings within an Android stereo's factory menu, showing selection of 'Raise' as the CAN bus brand.

4.3 Wiring Diagram

The following diagram and table detail the pin assignments for the 16-pin connector on the wiring harness:

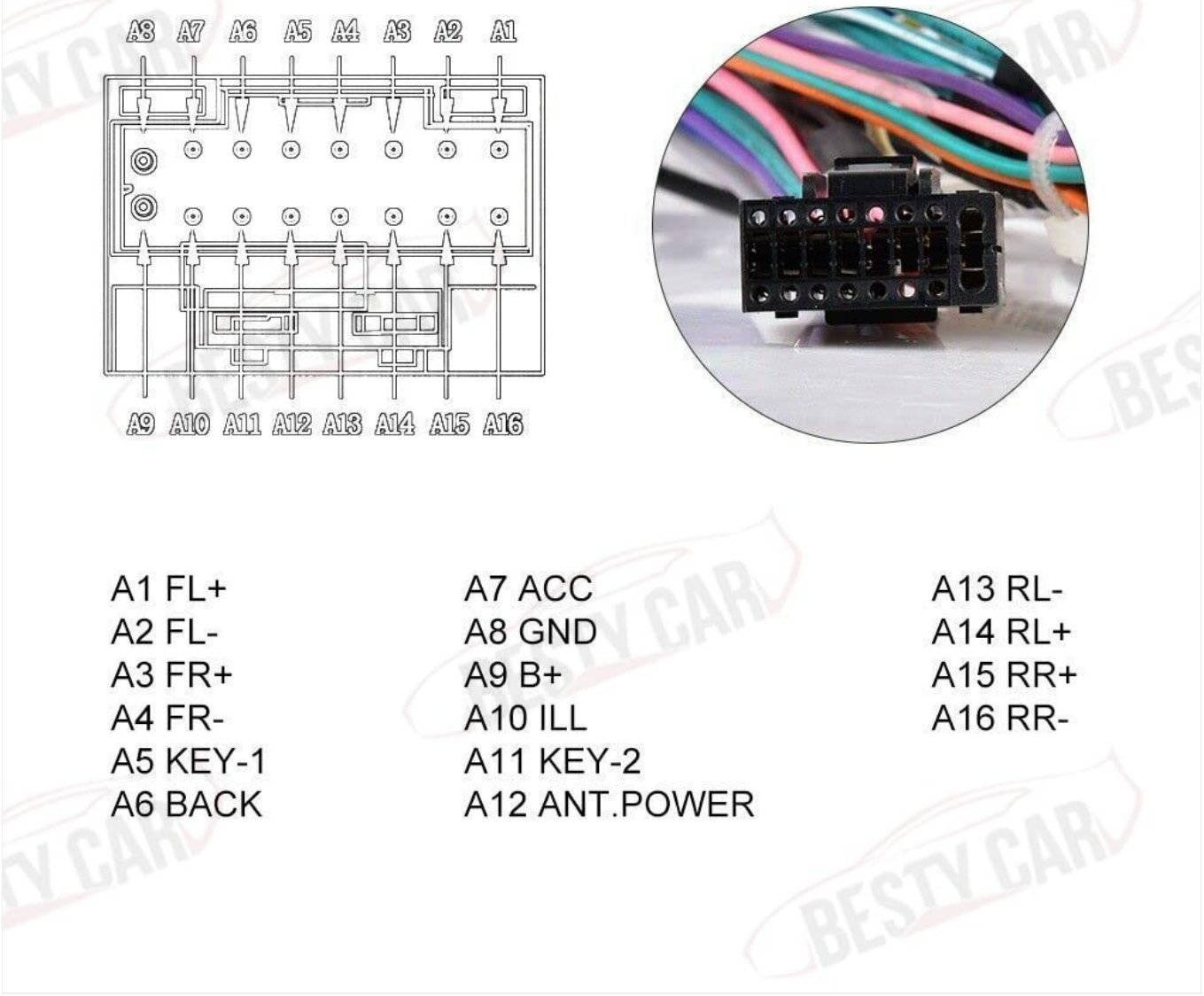

Image: Detailed wiring diagram showing the layout and numbering of the 16-pin connector, along with a visual representation of the connector itself.

16-Pin Connector Pin Assignments

Pin	Function	Pin	Function
A1	FL+ (Front Left Speaker Positive)	A7	ACC (Accessory Power)
A2	FL- (Front Left Speaker Negative)	A8	GND (Ground)
A3	FR+ (Front Right Speaker Positive)	A9	B+ (Battery Positive / Constant Power)
A4	FR- (Front Right Speaker Negative)	A10	ILL (Illumination)
A5	KEY-1 (Steering Wheel Control 1)	A11	KEY-2 (Steering Wheel Control 2)
A6	BACK (Reverse Signal)	A12	ANT.POWER (Antenna Power)
		A13	RL- (Rear Left Speaker Negative)

Pin	Function	Pin	Function
		A14	RL+ (Rear Left Speaker Positive)
		A15	RR+ (Rear Right Speaker Positive)
		A16	RR- (Rear Right Speaker Negative)

5. Operation

The Bestycar wiring harness functions as an intermediary to connect your aftermarket Android stereo to your vehicle's electrical system and audio components. Once correctly installed and configured, the harness enables the operation of your new stereo by providing power, speaker connections, and facilitating communication for features like original steering wheel controls and USB functionality.
Specific operational details, such as navigating menus, playing media, or using advanced features, will depend on the installed aftermarket Android head unit and its own instruction manual.

6. Maintenance

The Bestycar wiring harness is designed for durability and requires no routine maintenance. To ensure continued optimal performance, it is recommended to:

- Ensure all connections remain secure and free from looseness.
- Protect the harness from excessive moisture, heat, or physical damage.
- Avoid pulling or straining the wires during or after installation.

7. Troubleshooting

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

- **No Power to Stereo:**
  - Verify all harness connections are securely seated to both the vehicle and the aftermarket stereo.
  - Check the vehicle's fuse box for any blown fuses related to the radio or accessory power.
  - Confirm that your aftermarket stereo is indeed compatible with a universal 16-pin power socket.
- **Steering Wheel Controls Not Working:**
  - Ensure the 8-pin CAN plug is correctly connected to your stereo.
  - Revisit the CAN Bus Decoder Settings section (4.2) and confirm that the

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