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ASGIHVAC G-PSA-RZ-66

Instruction Manual for Raise 16 Pin Wiring CANBUS Decoder G-PSA-RZ-66 Adapter

Compatible with Peugeot 206, 207, 307 Car Android Radios

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the ASGIHVAC Raise 16 Pin Wiring CANBUS Decoder G-PSA-RZ-66 Adapter. This adapter is designed to facilitate the integration of an aftermarket Android radio into specific Peugeot vehicle models, ensuring proper communication between the vehicle's electronic systems and the new head unit. Please read this manual thoroughly before installation.

PRODUCT OVERVIEW

The Raise 16 Pin Wiring CANBUS Decoder G-PSA-RZ-66 Adapter includes a wiring harness and a CANBUS decoder box. This system allows an aftermarket Android radio to interface with the vehicle's CANBUS network, enabling features such as steering wheel controls, ignition signals, and other vehicle data to be transmitted to the radio.



Figure 1: The main components of the Raise 16 Pin Wiring CANBUS Decoder G-PSA-RZ-66 Adapter, including the CANBUS decoder box, the 16-pin wiring harness, and an antenna adapter. These components are essential for connecting an aftermarket Android radio to compatible Peugeot vehicles.



Figure 2: An example of a universal car radio mounting frame. While not part of the CANBUS adapter kit, such frames are commonly used to secure aftermarket radios in vehicle dashboards.

COMPATIBILITY

This CANBUS Decoder G-PSA-RZ-66 Adapter is compatible with the following Peugeot vehicle models:

- Peugeot 206 (2006 models)
- Peugeot 207 (2008-2013 models)
- Peugeot 307 (2001-2008 models)

It is designed for use with aftermarket Android radios.

PACKAGE CONTENTS

The package typically includes:

- 1x Raise 16 Pin Wiring Harness
- 1x CANBUS Decoder Box (Model: G-PSA-RZ-66)
- 1x Antenna Adapter (as shown in Figure 1)

SETUP AND INSTALLATION

Safety Precautions

- Disconnect the vehicle's battery before beginning any electrical work.
- Ensure all connections are secure to prevent short circuits.
- If unsure about any step, consult a professional automotive technician.

Installation Steps

1. **Remove the Existing Radio:** Carefully remove the factory radio from your vehicle's dashboard. Refer to your vehicle's service manual for specific instructions.
2. **Connect the Wiring Harness:** Connect the 16-pin connector of the provided wiring harness to your new Android radio. Ensure a firm connection.
3. **Integrate the CANBUS Decoder:** Connect the CANBUS decoder box (G-PSA-RZ-66) into the designated connectors on the wiring harness. The decoder box facilitates communication between the vehicle's CANBUS system and the Android radio.
4. **Connect to Vehicle Wiring:** Connect the vehicle-specific end of the wiring harness to the corresponding connectors in your car's dashboard. This is designed to be a plug-and-play connection, minimizing the need for cutting or splicing wires.
5. **Connect Antenna:** If applicable, connect the antenna adapter to your vehicle's antenna cable and then to the Android radio.
6. **Test Functionality:** Before fully reassembling the dashboard, reconnect the vehicle's battery and power on the Android radio. Test all functions, including audio, steering wheel controls, and ignition-triggered power.
7. **Secure the Radio:** Once all functions are verified, securely mount the Android radio in the dashboard and reassemble any removed trim pieces.

OPERATING INSTRUCTIONS

The CANBUS decoder automatically translates vehicle data into a format usable by your Android radio. After successful installation, your Android radio should receive signals for ignition, illumination, reverse gear, and potentially steering wheel controls, depending on your vehicle's original configuration and the radio's capabilities.

CANBUS Functionality

- **Steering Wheel Controls:** The CANBUS decoder enables the use of original steering wheel buttons to control your Android radio (e.g., volume, track skip). Configuration may be required within the Android radio's settings.
- **Ignition (ACC) Signal:** Provides the necessary signal to turn the radio on and off with the vehicle's ignition.
- **Illumination Signal:** Allows the radio's backlight to dim or brighten in sync with the vehicle's dashboard lights.
- **Reverse Gear Signal:** Provides a signal to the radio when the vehicle is in reverse, useful for activating a rearview camera display.

MAINTENANCE

The CANBUS decoder and wiring harness are designed for long-term reliability and typically require no routine maintenance. Ensure connections remain secure and free from moisture or physical damage. Avoid exposing the components to extreme temperatures or corrosive substances.

Troubleshooting

Problem	Possible Cause	Solution
No power to Android radio	Incorrect wiring, blown fuse, CANBUS not communicating	Verify all connections, check vehicle fuses, ensure CANBUS box is properly connected.
Steering wheel controls not working	CANBUS not configured correctly, radio not supporting CANBUS input	Check Android radio settings for CANBUS configuration, ensure CANBUS box is compatible with radio.
No sound	Speaker wires incorrectly connected, radio settings	Double-check speaker wiring, adjust radio audio settings.

Specifications

- **Product Name:** Raise 16 Pin Wiring CANBUS Decoder G-PSA-RZ-66 Adapter
- **Brand:** ASGIHVAC
- **CANBUS Box Model:** G-PSA-RZ-66
- **Manufacturer Model Number:** LINKEKEDIAN699
- **Compatibility:** Peugeot 206 (2006), Peugeot 207 (2008-2013), Peugeot 307 (2001-2008)
- **Connector Type:** 16 Pin
- **Function:** Integrates car functions with aftermarket Android radios
- **Weight:** Approximately 1.76 ounces (50 grams)
- **Package Dimensions:** Approximately 0.39 x 0.39 x 0.39 inches (1 x 1 x 1 cm)

Warranty and Support

For warranty information or technical support, please contact your retailer or the manufacturer directly. Ensure you have your purchase details and product model number (G-PSA-RZ-66) available when seeking assistance.

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