

## ZTUZAUTO Phaeton/RNS510 Retrofit Kit (B0D255YML5)

# ZTUZAUTO Wireless Carplay Android Auto Retrofit Kit User Manual

Model: Phaeton/RNS510 Retrofit Kit (B0D255YML5)

## 1. INTRODUCTION

Thank you for choosing the ZTUZAUTO Wireless Carplay Android Auto Retrofit Kit. This device is designed to seamlessly integrate advanced smartphone functionalities like Apple CarPlay and Android Auto into your Volkswagen Phaeton or RNS510 system, enhancing your driving experience with navigation, communication, and entertainment features. This manual provides detailed instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance and user satisfaction.

## 2. SAFETY INFORMATION

- Always prioritize safe driving. Do not operate the device in a manner that distracts you from the road.
- Ensure all connections are secure before driving. Loose connections can lead to malfunctions.
- Installation should be performed by a qualified professional if you are unsure about any steps.
- Do not attempt to disassemble or modify the device. This may void the warranty and cause damage.
- Keep the device away from extreme temperatures, moisture, and direct sunlight.

## 3. PRODUCT OVERVIEW

The ZTUZAUTO Retrofit Kit is a compact module that integrates with your existing car infotainment system, allowing for wireless connectivity to your smartphone. It supports Apple CarPlay, Android Auto, and Mirrorlink functionalities, along with enhanced camera support.



Figure 3.1: The ZTUZAUTO Retrofit Kit module and its integration into a Volkswagen Phaeton dashboard, showcasing the CarPlay interface on the car's screen.

# Wireless Carplay & Android Auto & Mirror Link



Wireless/Wired  
Apple CarPlay



Wireless/Wired  
Android Auto



Wireless  
Mirror Link



Figure 3.2: Overview of the kit's core functionalities: Wireless/Wired Apple CarPlay, Wireless/Wired Android Auto, and Wireless Mirror Link.

# Compatible Model List



**SYSTEM** RNS510

**MODEL** For Volkswagen  
RNS510 Series / Phaeton /  
Skoda

Figure 3.3: Compatibility information, indicating support for Volkswagen RNS510 Series, Phaeton, and Skoda models.

## 4. SETUP AND INSTALLATION

The ZTUZAUTO Retrofit Kit is designed for a plug-and-play installation, requiring no cutting or breaking of original car wires. It integrates directly with your factory screen.

### 4.1 Package Contents

- ZTUZAUTO Wireless Carplay Android Auto Retrofit Module
- Wiring Harness (specific to VW Phaeton/RNS510)
- Antenna (for wireless connectivity)
- User Manual (this document)

### 4.2 Installation Steps

While specific steps may vary slightly by vehicle configuration, the general process involves connecting the module to the existing wiring of your car's infotainment system. It is recommended to consult the detailed installation video provided by ZTUZAUTO for precise instructions tailored to your vehicle model.

1. **Preparation:** Ensure your vehicle's ignition is off and disconnect the battery for safety.



2. **Access Head Unit:** Carefully remove the trim panels and screws to access the rear of your car's factory head unit (RNS510 or equivalent).
3. **Connect Wiring:** Connect the provided wiring harness to the corresponding ports on your factory head unit and the ZTUZAUTO module. This is a plug-and-play process, ensuring no original wires are cut.
4. **Secure Module:** Find a suitable location behind the dashboard to securely mount the ZTUZAUTO module, ensuring it does not interfere with other components.
5. **Reconnect Battery:** Once all connections are secure and the module is mounted, reconnect the vehicle's battery.
6. **Test Functionality:** Turn on the ignition and test the system as described in the 'Operating Instructions' section.



Figure 4.1: Visual representation of the plug-and-play installation process, showing connections to the car's existing wiring.

## 5. OPERATING INSTRUCTIONS

This section details how to use the various features of your ZTUZAUTO Retrofit Kit.

### 5.1 Initial Connection (Wireless CarPlay/Android Auto)

1. **Power On:** Start your vehicle. The retrofit kit will power on automatically.

2. **Switch to Carplay/Android Auto Interface:** Press and hold the 'RADIO' or 'MEDIA' button on your car's original head unit for approximately 2 seconds to switch to the Carplay/Android Auto interface.
3. **Bluetooth Pairing:** On your smartphone, enable Bluetooth and search for the device named 'ZTUZAUTO' (or similar). Pair with it.
4. **Wi-Fi Connection:** After Bluetooth pairing, your phone will prompt you to connect to a Wi-Fi network provided by the ZTUZAUTO module. Accept this connection. This Wi-Fi connection is essential for wireless CarPlay/Android Auto data transfer.
5. **Automatic Connection:** Once initially paired, your phone should automatically connect to the system when you start your car.



Figure 5.1: Steps for establishing a wireless connection via Wi-Fi and Bluetooth pairing.

## 5.2 Using CarPlay and Android Auto

- **Navigation:** Use your preferred navigation apps (e.g., Apple Maps, Google Maps, Waze) directly on your car's screen.
- **Communication:** Make and receive calls, send and receive messages using voice commands (Siri for CarPlay, Google Assistant for Android Auto) or the touchscreen interface.



- **Music & Media:** Access your music streaming services, podcasts, and audiobooks.
- **Voice Control:** Activate Siri or Google Assistant by pressing the voice command button on your steering wheel (if available) or by saying the wake word.



Figure 5.2: The in-car display showing various applications and functionalities available through the retrofit kit, enhancing the driving experience.

### 5.3 Mirrorlink Function

The Mirrorlink function (Airplay for iOS, AutoLink for Android) allows you to mirror your phone's screen directly onto the car's display. This is useful for viewing content like YouTube videos, TV news, or photos when the vehicle is stationary.

### 5.4 Camera Functions

- **Reverse Camera:** When you shift into reverse gear, the system will automatically display the feed from your aftermarket reverse camera. Dynamic guidance lines are supported.
- **360 Camera Support:** The kit supports integration with aftermarket 360-degree camera systems.
- **Front View Camera/DVR:** Support for front view cameras and DVR functionality is included.

## 5.5 Switching Between Systems

You can easily switch between your car's original infotainment system and the ZTUZAUTO Carplay/Android Auto interface. Typically, this is done by pressing and holding a specific button on your car's head unit (e.g., 'RADIO' or 'MEDIA') for approximately 2 seconds.



Figure 5.3: Illustration of how to switch between the original car system and the new Carplay interface by pressing and holding a button.

## 6. MAINTENANCE

The ZTUZAUTO Retrofit Kit requires minimal maintenance. Follow these guidelines to ensure its longevity:

- Keep the car's interior clean and free of dust, especially around the head unit area.
- Avoid spilling liquids near the device or its connections.
- Do not use harsh chemicals or abrasive cleaners on the car's screen or surrounding plastics. Use a soft, damp cloth for cleaning.



- Ensure proper ventilation around the module to prevent overheating.

## 7. TROUBLESHOOTING

If you encounter issues with your ZTUZAUTO Retrofit Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display after installation.	Incorrect wiring connection; module not powered; incorrect input selected.	Check all wiring connections. Ensure the module is receiving power. Press and hold the system switch button (e.g., RADIO/MEDIA) for 2 seconds to switch inputs.
Wireless CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi not enabled on phone; incorrect pairing; interference.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Forget the device in your phone's Bluetooth settings and re-pair. Restart both phone and car system.
No audio or distorted audio.	Incorrect audio source selected; volume too low; loose audio cable.	Ensure your car's audio input is set to AUX or the correct media source. Adjust volume on both phone and car. Check audio cable connections.
Reverse camera not displaying.	Camera not connected; incorrect camera settings; faulty camera.	Verify the reverse camera is properly connected to the module. Check system settings for camera input. Test the camera if possible.
System freezes or lags.	Temporary software glitch; too many apps running on phone.	Restart the car's ignition. Close unnecessary apps on your smartphone. Ensure your phone's operating system is up to date.

If the problem persists after trying these solutions, please contact ZTUZAUTO customer support.

## 8. SPECIFICATIONS

Feature	Description
Model Number	B0D255YML5
Brand	ZTUZAUTO
Compatible Car Models	Volkswagen Phaeton, RNS510 Series, Skoda
Connectivity Technology	Bluetooth, Wi-Fi
Controller Type	Google Assistant, iOS, Android
Special Feature	Touchscreen support
Supported Internet Services	YouTube (via Mirrorlink)
Control Method	Touch, Voice

## 9. WARRANTY AND SUPPORT

ZTUZAUTO provides a **1-Year Warranty** for this Wireless Carplay Android Auto Retrofit Kit, covering manufacturing defects and malfunctions under normal use.

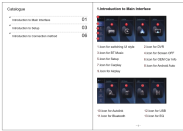
For technical support, installation assistance, or warranty claims, please contact ZTUZAUTO customer service. We are committed to providing after-sales technical support within 24 hours.

You can visit the official ZTUZAUTO store on Amazon for more information and contact options:[ZTUZAUTO Amazon Store](#)

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Related Documents - Phaeton/RNS510 Retrofit Kit (B0D255YML5)

The image shows the ZTUZAUTO Wireless Intelligent Terminal for Audi A1/Q3 (2G RMC Version). It features a car's dashboard with a central infotainment screen displaying the Apple CarPlay interface. The terminal is mounted on the dashboard, and the screen shows various app icons like Phone, Messages, Maps, and Music.	<p><a href="#">ZTUZAUTO Wireless Intelligent Terminal for Audi A1/Q3 (2G RMC): Installation and User Guide</a></p> <p>A comprehensive guide for installing and using the ZTUZAUTO Wireless Intelligent Terminal in Audi A1 and Q3 vehicles (2G RMC Version). This document covers setup, specifications, connection diagrams, operating instructions for CarPlay, Android Auto, Mirroring, sound configuration, and troubleshooting FAQs.</p>
The image shows the ZTUZAUTO Wireless Intelligent Terminal for Volvo S60L, S80, V40, XC60, V60 (After 2015). It features a car's dashboard with a central infotainment screen displaying the Apple CarPlay interface. The terminal is mounted on the dashboard, and the screen shows various app icons like Phone, Messages, Maps, and Music.	<p><a href="#">ZTUZAUTO Wireless Intelligent Terminal for Volvo S60L, S80, V40, XC60, V60 (After 2015)</a></p> <p>Enhance your Volvo's infotainment system with the ZTUZAUTO Wireless Intelligent Terminal, offering seamless integration of Apple CarPlay, Android Auto, and screen mirroring for compatible Volvo models (S60L, S80, V40, XC60, V60) manufactured after 2015. Includes detailed specifications, installation guides, operational instructions, and troubleshooting tips.</p>
The image shows the ZTUZAUTO MMI 3G Wireless CarPlay & Android Auto Interface for Audi A1/Q3/A4/A5/Q5/A6/Q7. It features a car's dashboard with a central infotainment screen displaying the Apple CarPlay interface. The terminal is mounted on the dashboard, and the screen shows various app icons like Phone, Messages, Maps, and Music.	<p><a href="#">ZTUZAUTO MMI 3G Wireless CarPlay &amp; Android Auto Interface for Audi A1/Q3/A4/A5/Q5/A6/Q7</a></p> <p>Enhance your Audi MMI 3G system with ZTUZAUTO's wireless CarPlay and Android Auto integration. This guide details the installation, setup, features, and troubleshooting for upgrading your Audi's infotainment system to support seamless smartphone connectivity, navigation, music, and more.</p>
The image shows the ANYFAR Wireless CarPlay & Android Auto Interface User Manual for Audi MIB/MMI 3G+. It is a document with a white background and black text, featuring a table of contents and a list of features.	<p><a href="#">ANYFAR Wireless CarPlay &amp; Android Auto Interface User Manual for Audi MIB/MMI 3G+</a></p> <p>Comprehensive user manual for the ANYFAR Wireless CarPlay and Android Auto interface kit designed for Audi MIB/MMI 3G+ systems. Covers installation, setup, connection methods for Apple CarPlay, Android Auto, and screen mirroring, audio settings, reversing camera configuration, and steering wheel controls for various Audi models.</p>



[PEMP User Manual: Navigating Your Device Interface and Settings](#)

Comprehensive user manual for PEMP devices, detailing interface navigation, setup options, connection methods for Carplay, Android Auto, Airplay, and Bluetooth, along with audio and display settings.



[CAR-KIT CarPlay MP5 Player User Manual](#)

Comprehensive user manual for the CAR-KIT CarPlay MP5 Player, detailing specifications, installation, features like Apple CarPlay, Android Auto, Bluetooth, and providing detailed troubleshooting guides for common issues.