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› Ninetom Wireless CarPlay Android Auto Retrofit Kit User Manual

## ninetom GPOA2020H-Q5H

# Ninetom Wireless CarPlay Android Auto Retrofit Kit User Manual

Model: GPOA2020H-Q5H

## PRODUCT OVERVIEW

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The Ninetom Wireless CarPlay Android Auto Retrofit Kit is designed to integrate advanced smartphone connectivity into compatible Audi A3/S3 vehicles. This module allows for wireless Apple CarPlay and Android Auto functionality, enabling access to navigation, music, calls, and other applications directly on your car's display. It retains original vehicle controls and features, ensuring a seamless user experience.

**Compatibility:** This kit is compatible with 2014-2018 Audi A3/S3 models equipped with MIB, MHS2, or MIB1 systems. It is not compatible with MIB2 High systems. Please verify your car's system version before installation.

# Wireless CarPlay Retrofit Kit, Compatible with 2013–2018 Audi A3



CarPlay



Android Auto



AirPlay



Autolink



USB



Camera

Image: The Ninetom Wireless CarPlay Android Auto Retrofit Kit integrated into an Audi A3 dashboard, displaying the CarPlay interface with various app icons for navigation, music, and communication.

## PACKAGE CONTENTS

Verify that all components listed below are present in your package:

# Product Accessories List



Image: A visual representation of the product accessories list, showing the main retrofit box and various cables: Power cable, LVDS cable, USB cable, Wi-Fi antenna, AMI cable, and KT cable.

- Ninetom Retrofit Module
- Power Cable
- LVDS Cable
- USB Cable
- Wi-Fi Antenna
- AMI Cable
- KT Cable
- User Manual (this document)

## PRE-INSTALLATION CHECKLIST

- **Vehicle Compatibility:** Ensure your Audi A3/S3 is from the 2014-2018 model year range.

- **System Verification:** Confirm your car's MMI system is MIB, MHS2, or MIB1. To check, navigate to **Menu > Setup MMI > Version Information > Software Version**.
- **Tools Required:** Gather necessary automotive tools for panel removal and cable routing.
- **Safety Precautions:** Disconnect the car battery before beginning installation to prevent electrical damage.

## Compatible Model List

BRAND	MODEL	SYSTEM	YEAR
Audi	A3	6.3 Inch- MSTD	2013-2018
Audi	A3	7 Inch-DEV	2013-2018
Audi	A3	7 Inch-MHIG	2013-2018
Audi	A3	7 Inch-CLU	2013-2018

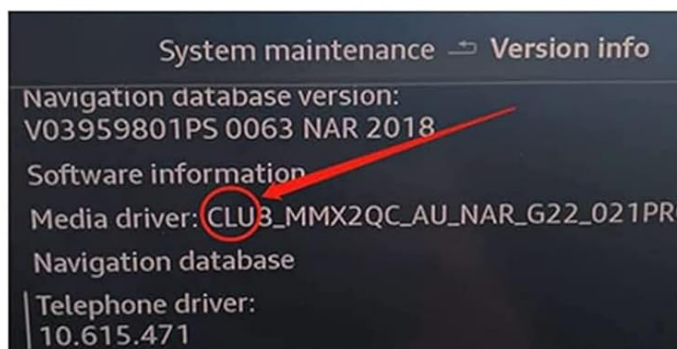
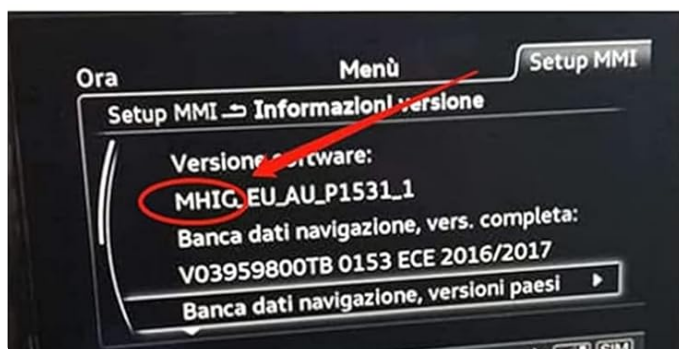
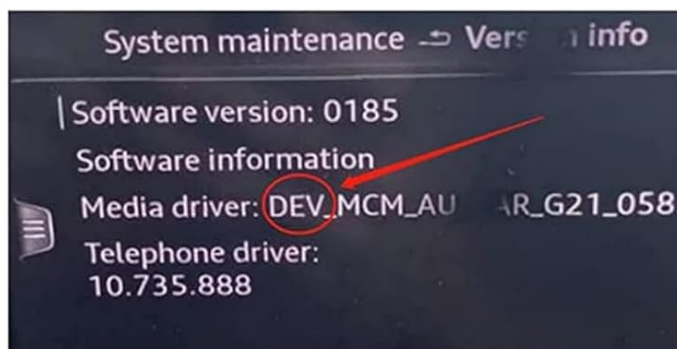
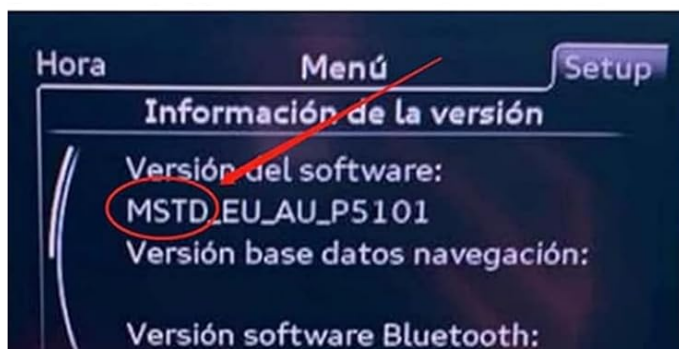


Image: Screenshots illustrating the process of checking the MMI system version in an Audi, highlighting the software version and navigation database details for compatibility verification.

## INSTALLATION GUIDE

This section provides a general overview of the installation process. Professional installation is recommended if you are not familiar with automotive electronics.

1. **Disconnect Battery:** Locate your car battery and disconnect the negative terminal.
2. **Access Head Unit:** Carefully remove the necessary trim panels and screws to access the factory head unit or MMI control module.

### 3. Connect Cables:

- Connect the provided Power Cable to the retrofit module and the vehicle's wiring harness.
- Connect the LVDS Cable between the retrofit module and the car's display/head unit.
- Connect the USB Cable for future updates or wired connections.
- Attach the Wi-Fi Antenna for wireless connectivity.
- Connect the AMI Cable if applicable for audio integration.
- Connect the KT Cable as per specific vehicle wiring diagrams.

4. **Secure Module:** Find a suitable location to secure the retrofit module, ensuring it does not interfere with other components.

5. **Reassemble:** Carefully reassemble all removed trim panels and screws.

6. **Reconnect Battery:** Reconnect the negative terminal of the car battery.

7. **Test Functionality:** Power on the vehicle and test all functions of the retrofit kit.

*Note: Detailed vehicle-specific wiring diagrams and panel removal instructions may be required. Refer to your vehicle's service manual or consult a professional installer.*



Image: The Ninetom Wireless CarPlay Android Auto Retrofit Kit module, showcasing its various ports for power, LVDS, USB, and CAN connections, indicating where cables are connected.

## OPERATING INSTRUCTIONS

### Switching Between Systems

After installation, the original car function will be retained. You can switch between the original car system and the retrofit module's interface using a dedicated button or a combination of original car controls. Refer to the specific instructions provided with the kit for your vehicle model.

### Wireless CarPlay & Android Auto Connection

1. Ensure your smartphone's Bluetooth and Wi-Fi are enabled.
2. On the retrofit module's interface, navigate to the CarPlay or Android Auto section.
3. Pair your phone via Bluetooth with the module (usually named "Ninetom\_XXXX").
4. Once Bluetooth is paired, the system will prompt you to connect via Wi-Fi for full CarPlay/Android Auto functionality.
5. Accept the Wi-Fi connection on your phone.



Image: An Audi dashboard displaying both Wireless CarPlay and Android Auto interfaces, emphasizing the reliance on Wi-Fi and Bluetooth for seamless connectivity.

### Mirroring Function (AirPlay/AutoLink)

The kit supports screen mirroring from your smartphone, allowing you to cast videos, images, and other content to the car's display. This includes support for applications like YouTube.

1. Ensure your phone and the module are connected to the same Wi-Fi network (or directly via Wi-Fi Direct if supported).
2. Activate the mirroring function on your phone (e.g., AirPlay for iOS, Smart View/Screen Cast for Android).
3. Select the Ninetom module as the target device.

# Mirror Link



## MirrorLink Function

Image: An Audi dashboard demonstrating the MirrorLink function, where a smartphone screen is mirrored onto the car's display, showing images of pets.

### Using Voice Assistant (Siri/Google Assistant)

Access your smartphone's voice assistant directly through the car's microphone and speakers. Simply say "Hey Siri" or "Hey Google" (if configured) or press the voice command button on your steering wheel (if integrated) to activate.

# Voice Assistant / Map / Music

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Image: An Audi dashboard showcasing the CarPlay interface with Siri activated, prompting "What can I help you with?", alongside displays of map navigation and music playback.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
No display after installation.	Incorrect cable connection, power issue, incompatible MMI system.	Check all cable connections, especially power and LVDS. Ensure the car battery is fully reconnected. Verify MMI system compatibility (MIB/MHS2/MIB1).
CarPlay/Android Auto not connecting wirelessly.	Bluetooth/Wi-Fi issues, incorrect pairing, phone settings.	Ensure Bluetooth and Wi-Fi are enabled on your phone. Forget previous Bluetooth pairings and re-pair. Restart both the car's infotainment system and your phone.
Audio issues (no sound or distorted sound).	Incorrect audio source selection, loose AMI cable connection.	Ensure the correct audio input (e.g., AUX, AMI) is selected on your car's MMI. Check the AMI cable connection if used.
Original car functions not working after installation.	Incorrect wiring, module interference.	Double-check all wiring against the installation diagram. Ensure the module is not causing physical interference with original components.

If you encounter persistent issues, please contact Ninetom customer service for assistance. Provide your vehicle model, year, and MMI system version, along with a detailed description of the problem.

## SPECIFICATIONS

Feature	Detail
Model Number	GPOA2020H-Q5H
Compatibility	2014-2018 Audi A3/S3 (MIB/MHS2/MIB1 systems)
Supported Functions	Wireless CarPlay, Wireless Android Auto, Mirroring (AirPlay/AutoLink), Navigation, Music, Calls, Voice Assistant (Siri/Google Assistant), Original Car Camera support
Connectivity	Wi-Fi, Bluetooth, USB
Installation Type	Non-destructive, Plug and Play (retains original screen)
Dimensions (Package)	8.66 x 6.65 x 4.21 inches
Item Weight	2.53 pounds (1.15 Kilograms)
Operating System	Android (internal system for module operation)

## WARRANTY AND SUPPORT

Ninetom provides customer support for this product. For any issues during installation or operation, please contact the seller directly through your purchase platform or visit the official Ninetom store for contact information.

**Warranty Information:** Specific warranty terms and duration may vary. Please refer to the warranty card included with your product or contact Ninetom customer service for detailed warranty policy information.

**Contact Support:**

- For technical assistance, installation guidance, or troubleshooting, reach out to Ninetom customer service.
- When contacting support, please provide your product model number (GPOA2020H-Q5H), purchase date, and a clear description of the issue.