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 - › Vratzn 9-inch Car Radio Stereo Instruction Manual for Dodge Ram 2013-2018 (Manual AC) 4GB+64GB

Vratzn 4GB+64GB

Vratzn 9-inch Car Radio Stereo Instruction Manual

For Dodge Ram 1500, 2500, 3500 (2013-2018 Models with Manual AC)
Model: 4GB+64GB

1. IMPORTANT SAFETY INFORMATION

Read all instructions carefully before installation and operation. Improper installation can lead to vehicle damage or personal injury. It is recommended that installation be performed by a qualified professional. Disconnect the vehicle's battery before beginning any electrical work. Ensure all connections are secure to prevent short circuits or malfunctions. This unit is designed for Dodge Ram 2013-2018 models with **manual AC controls only**. Verify your vehicle's compatibility before proceeding.

2. PACKAGE CONTENTS

Verify that all components are present in the package before starting the installation.

Package List



Microphone



Rear view camera

1 RCA cable	2 Power Cable	3 Reversing line	4 Antenna	5 Can Bus
6 Antenna adapter cable	7 USB cable*2	8 Installation tools	9 Speaker	10 GPS module

Figure 2.1: Included Components

- 9-inch Head Unit
- RCA Cable
- Power Cable
- Reversing Line
- Antenna
- Can Bus Decoder
- Antenna Adapter Cable
- USB Cables (x2)
- Installation Tools (Crowbar, Screwdriver)
- Speaker
- GPS Module
- Rear View Camera (if included in specific package)

3. PRODUCT OVERVIEW AND FEATURES

The Vratzn 9-inch Car Radio Stereo is an advanced infotainment system designed to integrate seamlessly with compatible Dodge Ram vehicles. It offers a range of features to enhance your driving experience.



Figure 3.1: Compatibility with Dodge Ram 2013-2018 (Manual AC)

- **9-inch HD Touch Screen:** Provides a 1280*720 resolution display for clear visuals and responsive touch control.
- **Operating System:** Android 13.0 with 4GB RAM and 64GB ROM for smooth performance.
- **Wireless Apple CarPlay & Android Auto:** Seamless smartphone integration for navigation, calls, music, and apps.
- **Built-in GPS:** Supports online and offline navigation applications.
- **Bluetooth Connectivity:** Hands-free calling and audio streaming with built-in microphone.
- **DSP (Digital Sound Processor):** Enhances audio quality.
- **FM RDS Radio:** For radio reception with station information.
- **WiFi:** Enables internet access for app downloads and browsing.
- **Steering Wheel Control (SWC) Support:** Retains factory steering wheel controls.
- **720P Backup Camera Support:** Enhances safety during reversing maneuvers.

4. INSTALLATION

This section provides general guidance for installing the Vratzn car radio. Specific steps may vary slightly depending on your vehicle's exact configuration. Refer to the provided video for a visual guide.

4.1. Removal of Existing Unit

To remove the factory radio, follow these steps:

1. Carefully remove the top dashboard pad. This usually involves prying it up gently.
2. Locate and remove the two screws underneath the top pad.
3. Gently pull the entire radio bezel assembly outwards. It is held by clips and will require a firm but steady pull.
4. Once the bezel is loose, disconnect any wiring harnesses attached to it (e.g., hazard lights, climate controls).
5. Unscrew the four large bolts securing the factory radio unit to the dashboard frame.
6. Carefully pull out the factory radio and disconnect all remaining wiring harnesses from its rear.

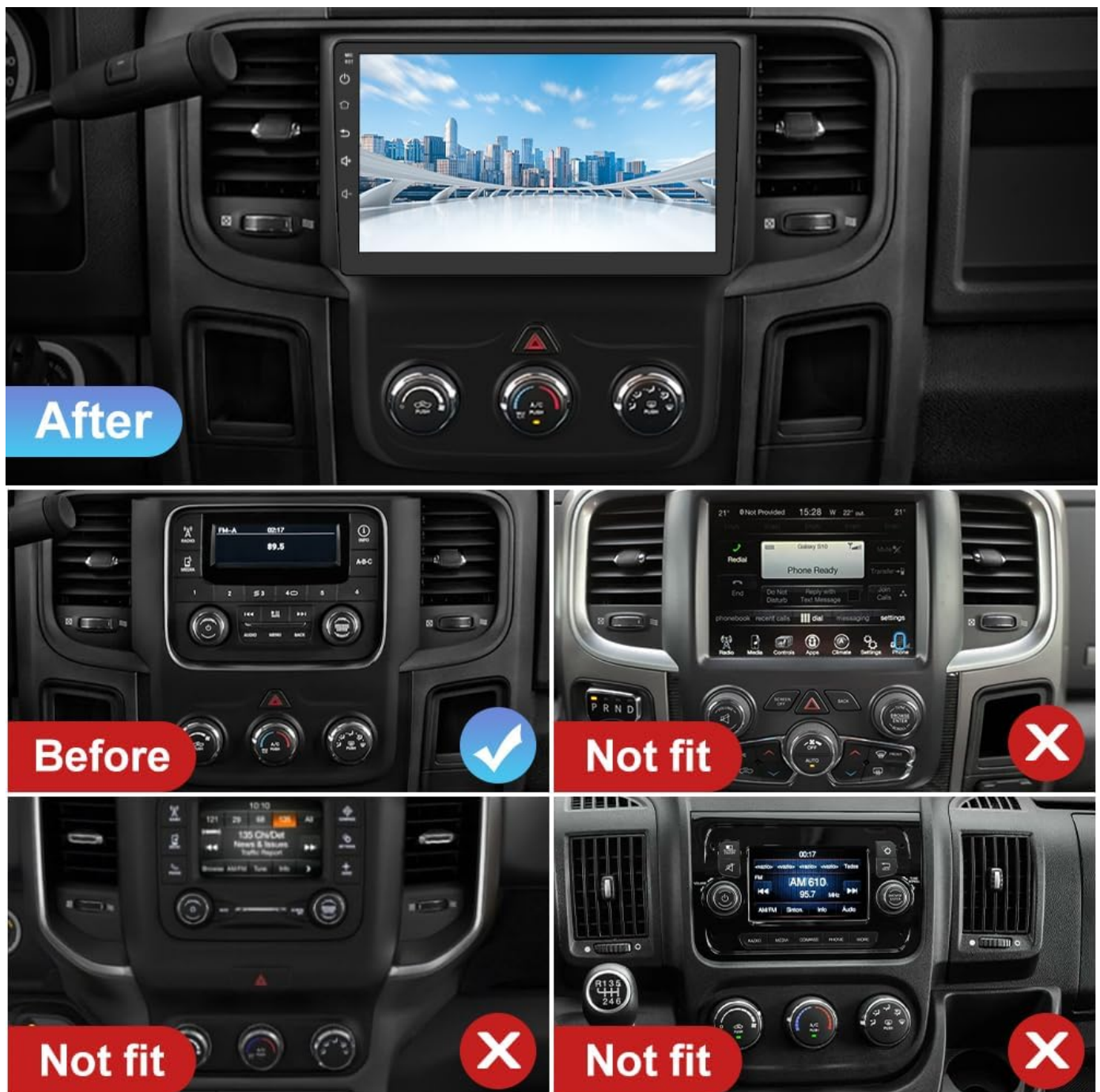


Figure 4.1: Before and After Installation

4.2. Wiring Connections

The Vratzn unit is designed for plug-and-play installation. Match the provided harnesses to the corresponding connectors in your vehicle. The main harness connects most functions. The Can Bus module helps eliminate error codes and ensures proper communication with the vehicle's systems. Two USB cables (6-pin and 4-pin) are provided; use either as needed. The white wire is typically for the Bluetooth antenna. If using a stock reverse camera, connect the appropriate wire to bypass the system as per instructions.

Your browser does not support the video tag. Please
update your browser to view this content.

Video 4.1: Installation Video for Dodge Ram 2013-2018 Manual AC

This video demonstrates the removal of the factory radio and the connection of the new Vratzn unit's wiring harnesses for Dodge Ram models with manual AC.

4.3. Mounting the New Unit

Once all wiring is connected and tested, carefully position the new Vratzn head unit into the dashboard opening. Secure it using the four large bolts previously removed. Reattach the dashboard bezel and any associated wiring, then snap it back into place. Finally, replace the top dashboard pad.

5. SETUP AND INITIAL CONFIGURATION

After installation, turn on your vehicle to power the unit. The system will boot up. You may need to perform initial setup steps such as language selection, time zone, and connecting to a Wi-Fi network. Refer to the on-screen prompts for guidance.

6. OPERATING INSTRUCTIONS

This section details the primary functions of your Vratzn car radio stereo.

6.1. Wireless Apple CarPlay / Android Auto

Connect your compatible iPhone or Android smartphone wirelessly via Bluetooth to enable Apple CarPlay or Android Auto. This projects your phone's interface onto the head unit's screen, allowing access to navigation, music, calls, and other apps through the touch screen or voice commands (Siri/Google Assistant).

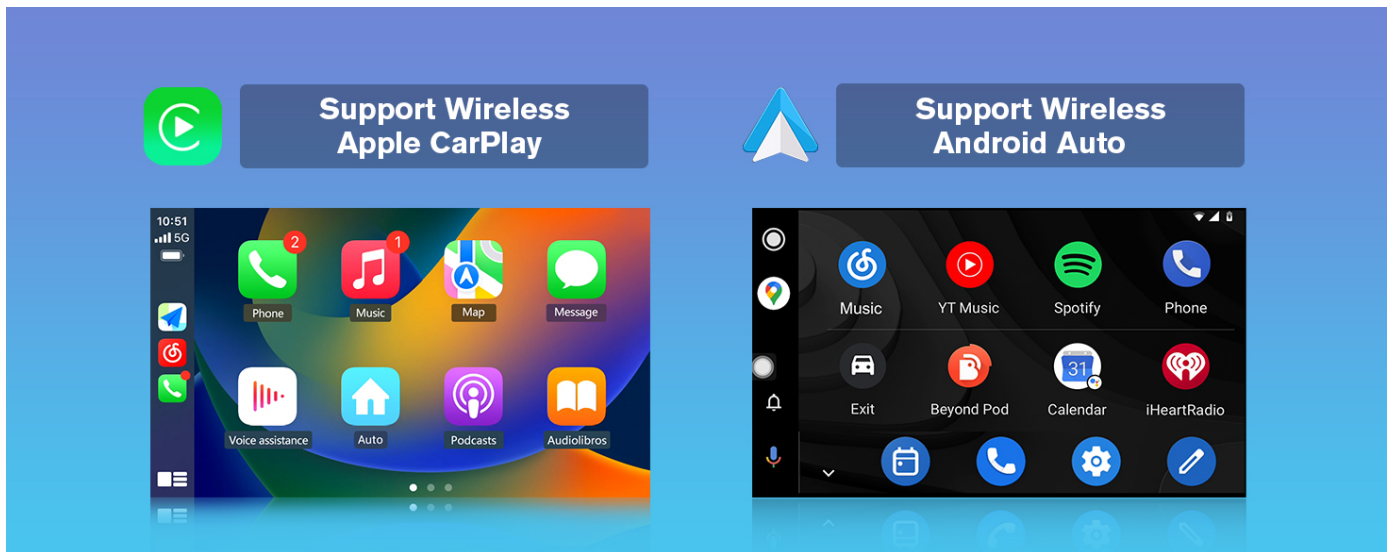


Figure 6.1: Wireless Apple CarPlay and Android Auto

6.2. GPS Navigation

The unit features a built-in GPS module. You can use pre-installed offline maps or download your preferred online navigation applications from the Google Play Store when connected to Wi-Fi. This ensures you have reliable navigation even without a cellular signal.

GPS Navigation

Built-in offline North American maps with support for online and offline navigation applications



Figure 6.2: GPS Navigation Interface

6.3. Bluetooth Connectivity

Pair your mobile device via Bluetooth for hands-free calling and audio streaming. The built-in microphone allows for clear communication. Access your phonebook and call logs directly from the head unit.

Bluetooth

Bluetooth hands-free calls and music
Sync phonebook and call logs
With built-in microphone and external microphone



Figure 6.3: Bluetooth Phone and Music

6.4. FM Radio

Tune into your favorite FM radio stations. The unit supports RDS (Radio Data System) for displaying station information where available.



Figure 6.4: FM Radio Interface

6.5. Steering Wheel Controls (SWC)

The system is compatible with your vehicle's factory steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel.



Figure 6.5: Steering Wheel Control Integration

6.6. Backup Camera

The unit supports an AHD 720P backup camera (if included or purchased separately), providing a clear view of the area behind your vehicle when reversing. This enhances safety and aids in parking maneuvers.

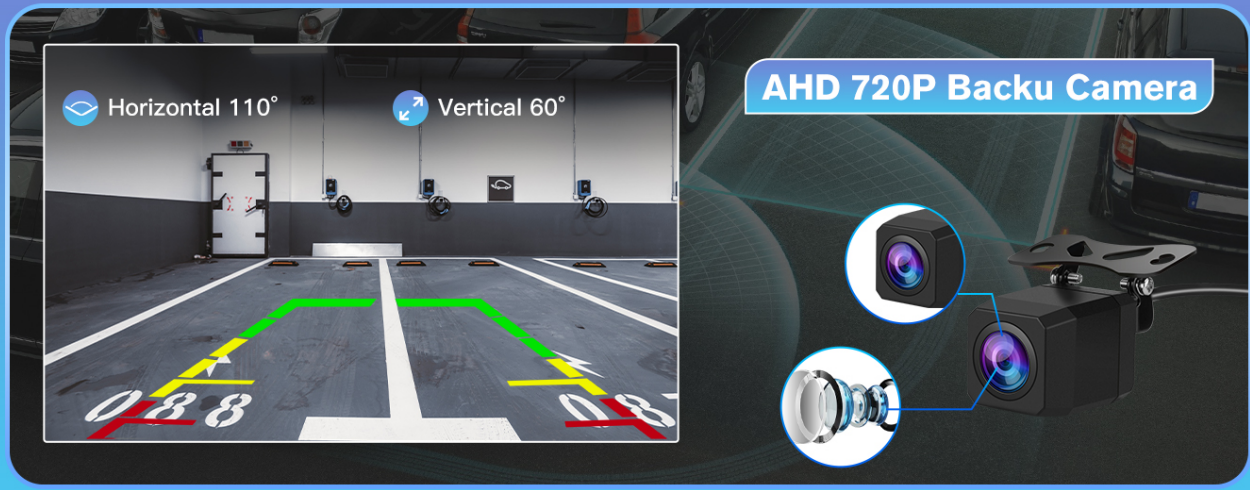


Figure 6.6: Backup Camera Display

6.7. WiFi Applications

Connect the head unit to a Wi-Fi hotspot (e.g., from your smartphone) to access the internet. This allows you to download and install various applications from the Google Play Store, browse websites, and stream online content.

WiFi Applications

With WiFi connectivity, you can install more apps in the app shop, browse different websites and watch videos.



Figure 6.7: WiFi Applications

7. MAINTENANCE

To ensure the longevity and optimal performance of your Vratzn car radio stereo, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the screen and exterior. For stubborn smudges, a slightly damp cloth with a mild, non-abrasive cleaner can be used. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates via the unit's settings menu when connected to Wi-Fi. Updates can improve performance, add features, and fix bugs.
- **Temperature:** Avoid exposing the unit to extreme temperatures for prolonged periods.
- **Power:** Ensure the vehicle's electrical system is in good condition to prevent power fluctuations that could damage the unit.

8. TROUBLESHOOTING

If you encounter issues with your Vratzn car radio, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Loose power connection, blown fuse, vehicle battery issue	Check all power cables and fuses. Ensure vehicle battery is charged.
No sound	Volume too low, incorrect audio source, loose speaker wires	Increase volume. Select correct audio source. Check speaker connections.
GPS not working/inaccurate	Poor satellite signal, outdated maps, GPS antenna issue	Ensure GPS antenna has a clear view of the sky. Update maps. Check antenna connection.
Bluetooth not connecting	Device not in pairing mode, unit's Bluetooth off, interference	Ensure both devices are in pairing mode. Restart Bluetooth on both devices.
CarPlay/Android Auto not launching	Incorrect phone settings, incompatible phone, loose USB connection	Verify phone settings for CarPlay/Android Auto. Ensure phone OS is up to date. Check USB connection if wired.
Steering Wheel Controls not responding	Incorrect wiring, Can Bus error, software misconfiguration	Check Can Bus connections. Refer to unit settings for SWC configuration.

If the issue persists after attempting these steps, please contact customer support.

9. SPECIFICATIONS

- **Brand:** Vratzn
- **Model Name:** Vratzn Car Radio
- **Screen Size:** 9 Inches
- **Operating System:** Android
- **Memory Storage Capacity:** 64 GB
- **RAM:** 4 GB
- **Connectivity Technology:** Bluetooth, WiFi
- **Special Features:** Wireless Apple CarPlay, Android Auto, DSP, GPS, FM RDS Radio, Steering Wheel Control, 720P Backup Camera Support
- **Map Type:** North America
- **Audio Output Mode:** Stereo
- **Mounting Type:** Dashboard Mount
- **Item Weight:** 1.93 Kilograms
- **UPC:** 708500299473
- **ASIN:** B0F6LRC983

10. WARRANTY AND SUPPORT

The Vratzn car radio stereo comes with a **1-year warranty**. We offer after-sales technical support to assist you with installation and operational issues. For any inquiries or support, please contact us.

- **Warranty Duration:** 1 Year
- **Return Policy:** 30-day hassle-free return and exchange policy.
- **Customer Service:** Technical support available for installation and operational assistance.



24 Hours Customer Support
Vratzn-US@outlook.com

Figure 10.1: Customer Support

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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