



DD2001 INSTALLATION TIPS

V1.1

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I. INTRODUCTION

Congratulations! If you are reading this, then you are most likely about to install Insane Audio's super awesome DD2001 in your vehicle. This document is intended to give you a few helpful hints and tips.

This should go without saying, but PLEASE USE YOUR NEW DD2001 RESPONSIBLY. Never attempt to operate the unit or view videos while driving. When in doubt, pull over first then do what you need to do. While driving, always keep both hands on the wheel and your eyes on the road!

Should you run into problems or need any additional assistance, feel free to drop us an e-mail at support@insaneaudio.com or visit us at www.insaneaudio.com/support and we will endeavor to get back to you as soon as possible.

Once you get your DD2001 installed, a helpful document is our Quick Start Guide which you can find here:

https://insaneaudio.com/IA_2000Series_QSG_current.pdf.

You'll also want to check out our online user forum at

<https://insaneaudio.com/forum> It's a great place to share ideas and join the Insane Audio community! Of course, you can always find additional information and documentation at our homepage at insaneaudio.com

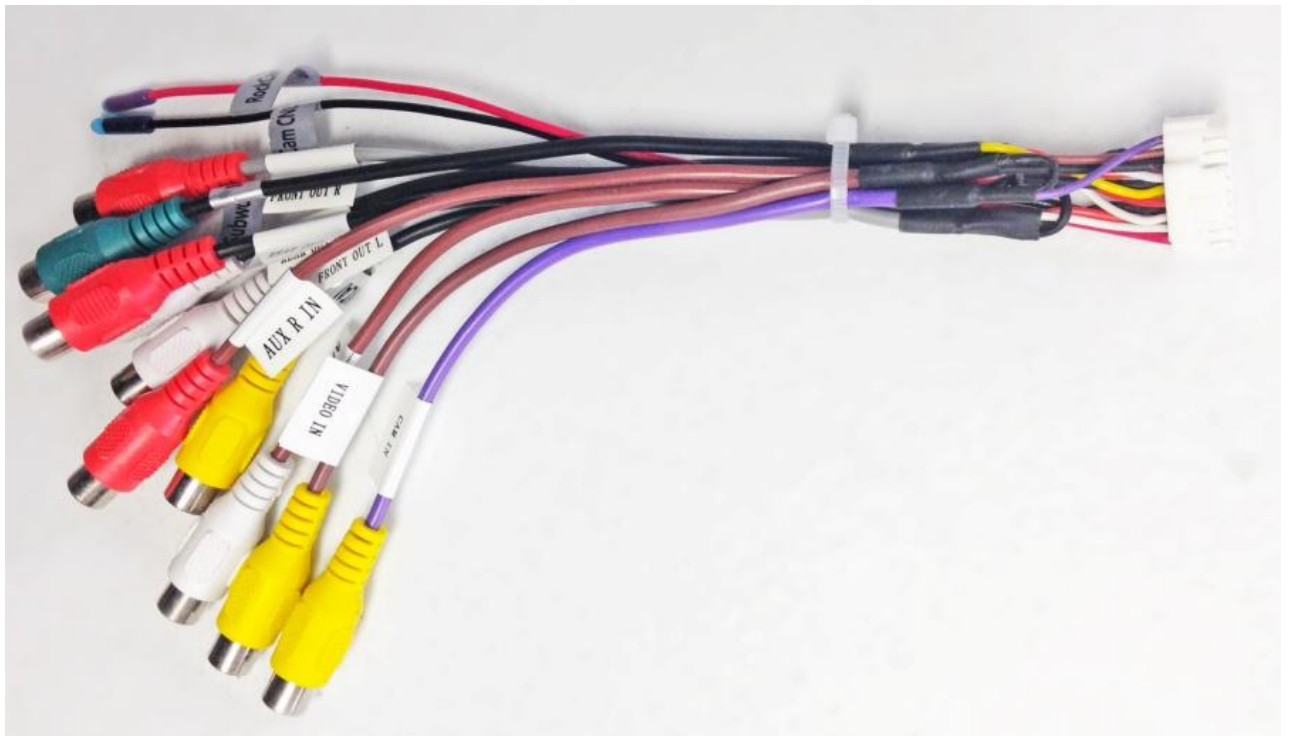
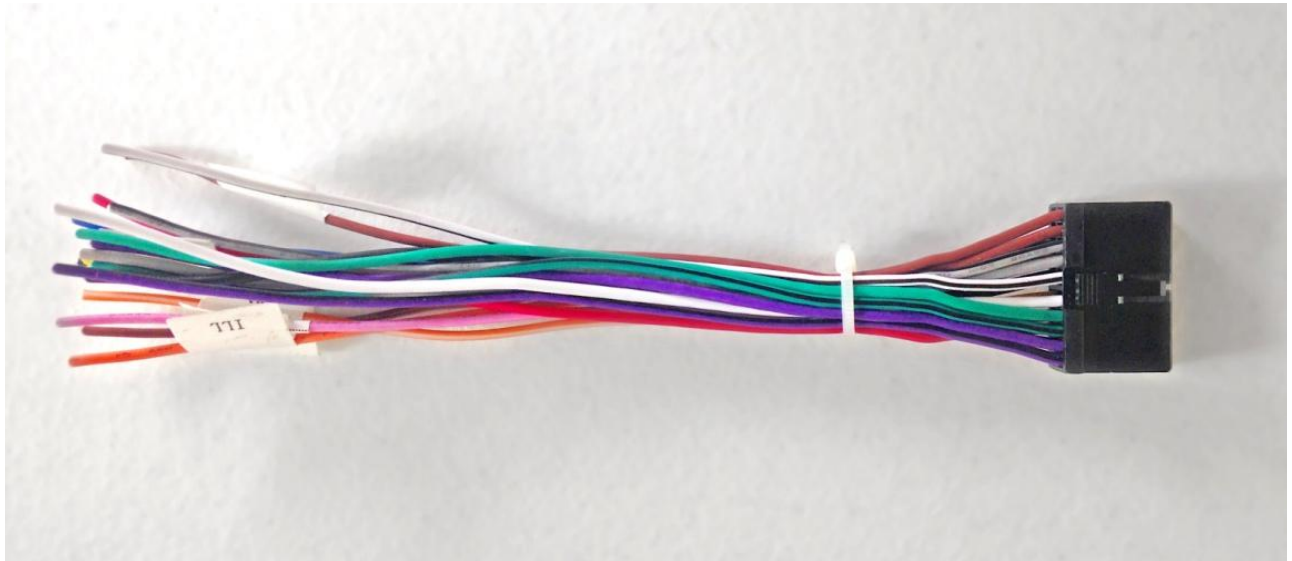
Enjoy your new DD2001 and we'll see 'ya on the trail!

II. SAFETY PRECAUTIONS

- Disconnect the negative battery terminal before beginning this installation!
- We highly recommend consulting a professional installer for replacing the head unit of your particular vehicle. You will likely require additional parts such as a dash trim kit and wiring harness in order to interface with the plugs and connectors inside your dash.
- Don't run with scissors
- If at any time during the installation you encounter a wild bear, you should avoid poking it with a stick. They don't like that.

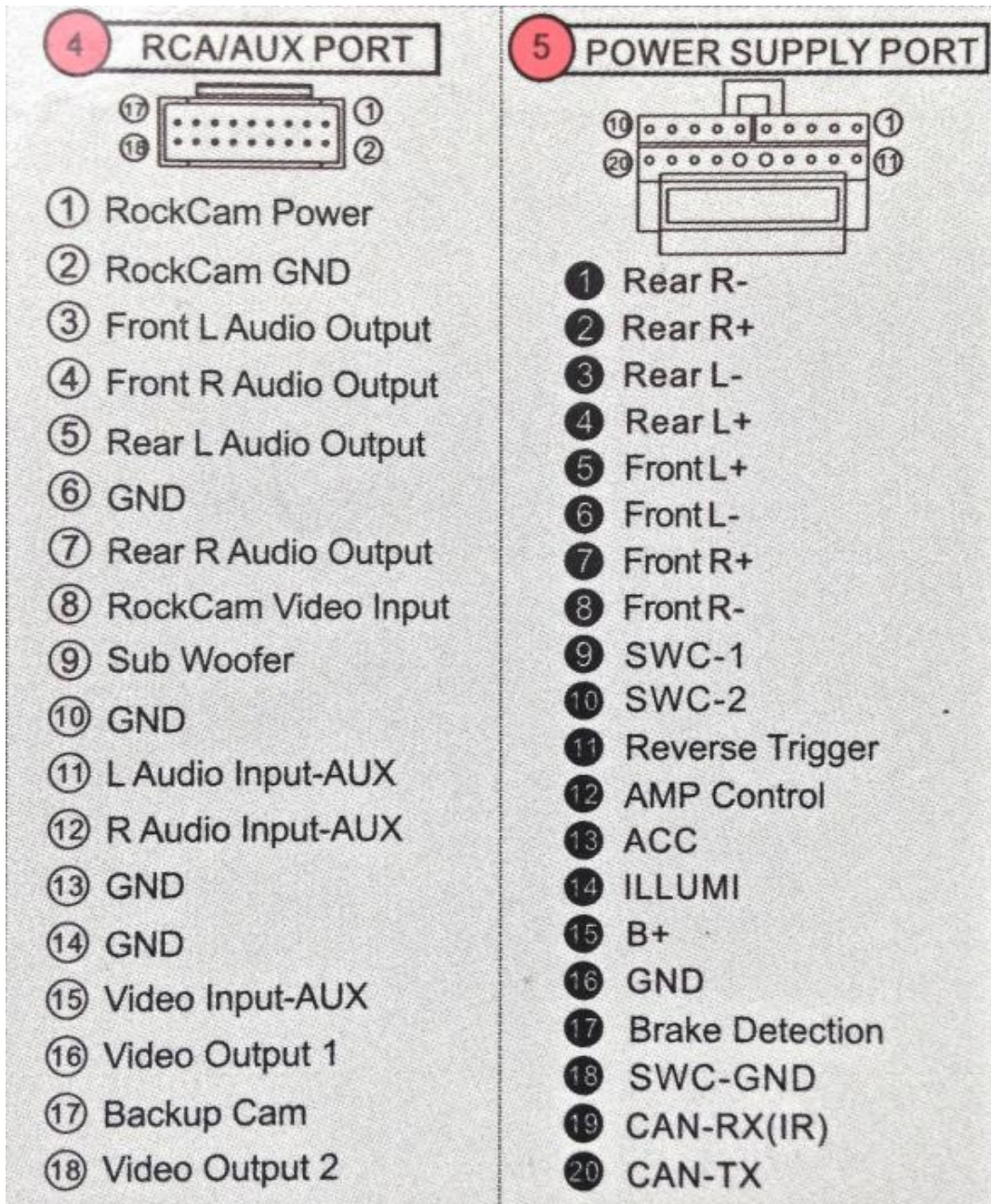
II. CONNECTIONS

The DD2001 comes with a main (power supply) harness as well as an A/V (RCA) harness for connecting cameras, external amps, etc.



II. CONNECTIONS

These wires and terminals are labeled, and pin numbers are provided on top of the head unit. Please consult a professional for proper wiring of electrical terminals and connectors.

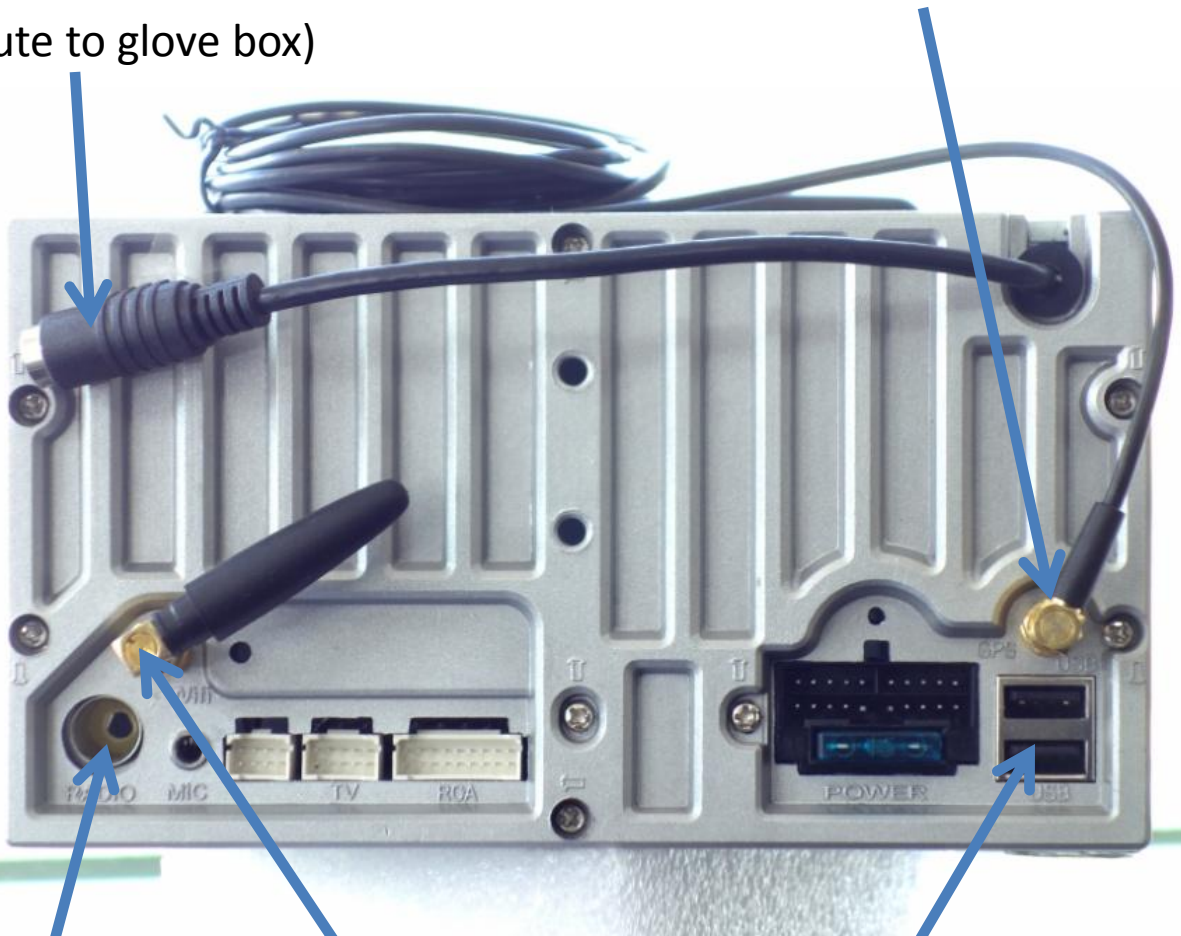


III. ATTACHMENTS

Also included in the box should be an OBDII adapter, an external microphone, an iPOD cable, a GPS antenna, a WiFi antenna and a USB extension cable.

GPS Antenna
(this can be hidden in your dash but should be near the top with a clear view of the sky)

iPod Cable
(route to glove box)



AM/FM Radio
Antenna Plug

WiFi Antenna

USB Ports
(you should have one
extension cable that can
be routed to glove box)

III. ATTACHMENTS

Your DD2001 comes with a built-in Bluetooth microphone, but we also include a complementary high quality external mic that may work better in some applications.



This external mic will work at just about any location, but we do have some recommendations as to placement. Try to keep this mic away from any windows, air vents, or speakers to avoid background sounds or feedback. The external mic will plug into the back of the DD2001 via a 3.5mm headphone jack plug located next to the AM/FM antenna port. Most folks do well placing this directly on the steering column as far away from your gauge cluster as possible.

IV. FINISHING UP

The face of the DD2001 is rated IP66 waterproof and dustproof. For marine environments or applications with direct exposure to the elements, we highly recommend sealing any gaps introduced by your dash kit with a custom gasket or silicon sealant.

Put your dash back together, reconnect your battery, sit back and get ready to rock!!



V. TIPS & TRICKS

- Your new DD2001 is packed with features... so much so that the best way to fully get familiar with it is to just go ahead and start using it!
- Be sure to check out our online user forum. It's a great place to share technical information and creative uses of your DD2001. It's entirely free and here as a resource for our customers!
<http://insaneaudio.com/forum>
- Just about everything is customizable on your DD2001. You can change the icons, add widgets, change the background, etc. Your DD2001 is already pre-loaded with a bunch of cool widgets that can be found by swiping to the far right of the App Drawer (accessed via the six squares at the Home Screen)
- There are quite a few safety features that come pre-enabled on the DD2001 such as the ability to watch video while driving. This can all be turned off through the settings icon under "Driving safety". We don't recommend this, though. PLEASE BE RESPONSIBLE AND ALWAYS KEEP YOUR EYES ON THE ROAD AND BOTH HANDS ON THE WHEEL!
- Insane NavEngine can be accessed both via the icon or by pressing the NAVI button on the face of your DD2001. This will get you where you're going both on and off the road.

V. TIPS & TRICKS

- Your DD2001 comes with a microSD card slot. Load up a data card with movies or music and access the content via the VIDEO or MUSIC icons on your DD2001
- Your DD2001 came with an OBD Bluetooth adapter and the Torque application already installed. Please refer to the Quick Start Guide for instructions on how to set this up for the first time.
- Your DD2001 sports a low-energy Bluetooth 4.0 and Wi-Fi chipset. In order to get a consistent connection with your Bluetooth devices, we recommend leaving on Wi-Fi.
- Feel free to get creative! Customize it, install apps, and make it yours!

Thank you!

If you haven't gotten a chance yet, we recommend you check out our Quick Start Guide:

https://insaneaudio.com/IA_2000Series_QSG_current.pdf

You can always find out more information or view user manuals online at <https://insaneaudio.com/support>.

In addition, feel free to "like" us here:

<https://www.facebook.com/insanejeepaudio>

We hope you enjoy your DD2001 and we'll see you on the trail!

INSANE
AUDIO

A. INSTALLING CAMERAS

Insane Audio's DD2001 is designed to support a backup camera as well as a front facing camera. You can use any camera that provides an RCA video signal.

Insane Audio has a few camera offerings that we highly recommend, as they have been designed and tested to work specifically with our head units. Like all Insane Audio products, our cameras are built tough and ready for the trail.

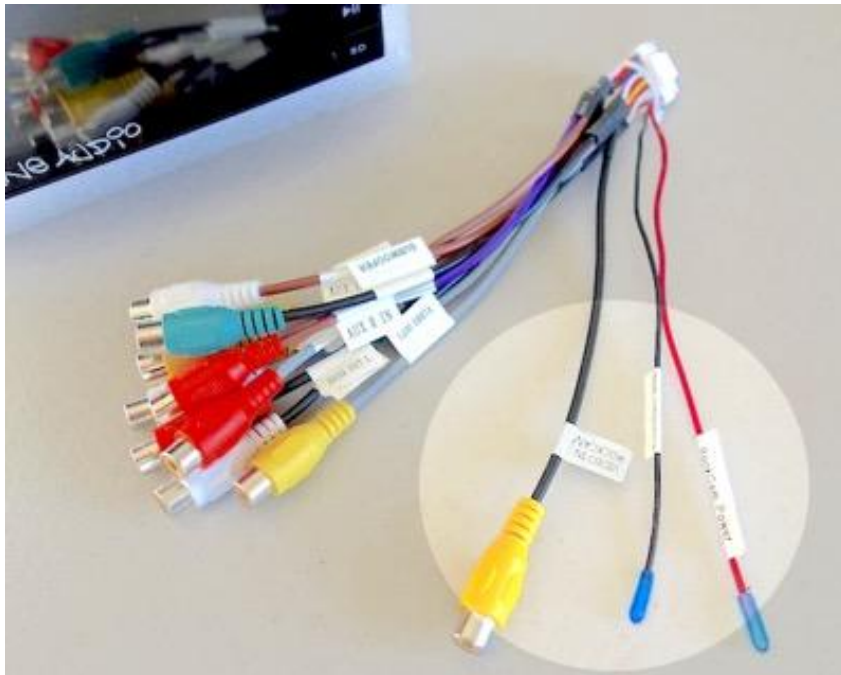
In addition, your Insane Audio head unit will also support things like wirelessly viewing and controlling a *GoPro* by downloading the appropriate app.

This appendix will cover the physical installation of backup and front facing cameras.

A. INSTALLING CAMERAS

The A/V pigtail offers two wires labeled “RockCam Power” and “RockCam GND” that automatically provide +12V whenever you reverse the vehicle or open the *RockCam* app.

We recommend you use these wires to power your front camera, your backup camera or both if you’ve got ‘em!



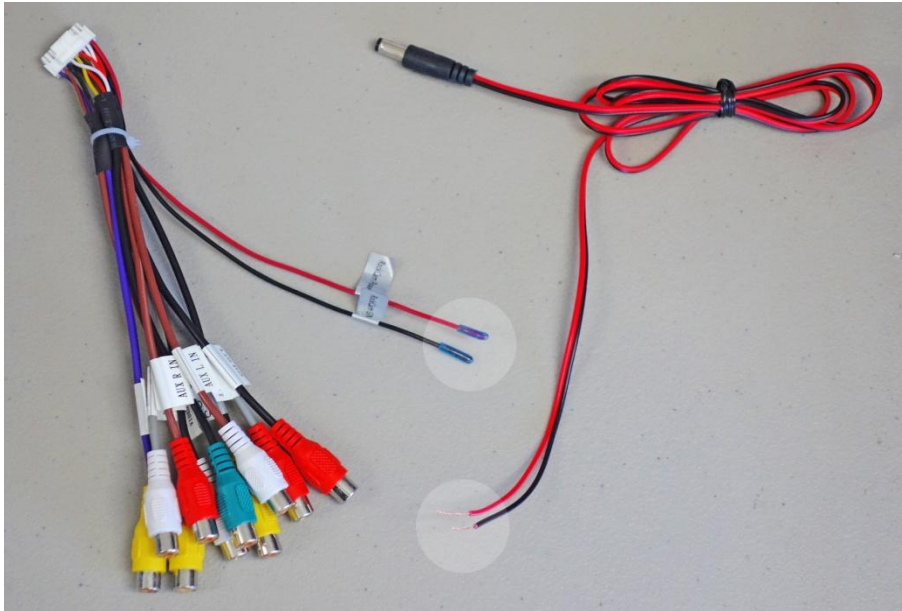
Before making any connections, unplug the A/V pigtail from the head unit and make sure that everything is powered off.

- ❖ Note that Insane Audio’s IACAM1/IACAM2 manuals might provide different steps for installation that are geared towards other Insane Audio head units. Those steps will work, but since you’re the proud owner of Insane Audio’s new DD2001, you should follow the steps in this guide to get the most out of your new DD2001.

A. Installing cameras

BACKUP CAMERA INSTALLATION

For a backup camera, you will need to run the RockCam wires from the front of your Jeep all the way to your backup camera. Insane Audio's IACAM1 and IACAM2 include a DC power cable that you will wire directly to the red and black RockCam terminals. You will have to strip some insulation from the RockCam wires.

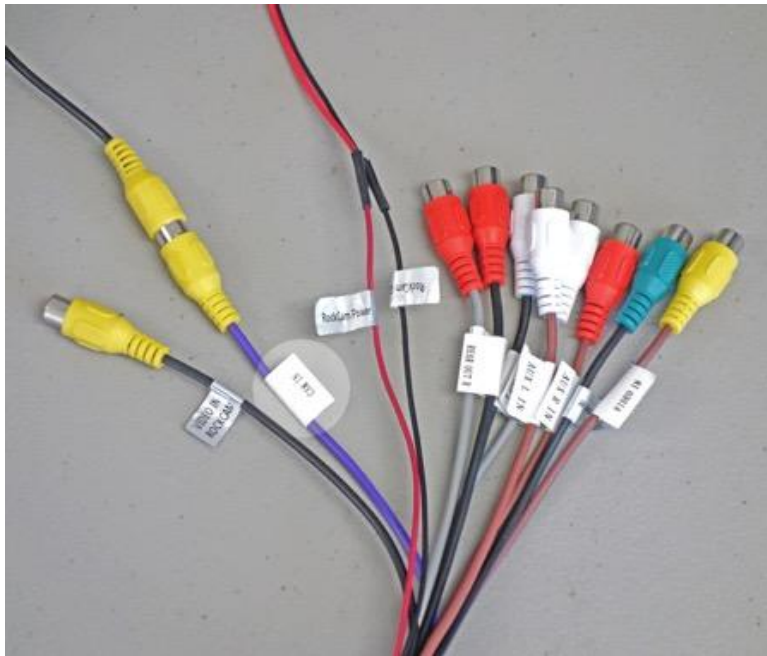


Protect the head unit by ensuring that the electrical connection is safely insulated.

Note that if you are not using cameras, then you should keep the RockCam power terminals unexposed and out of the way.

A. INSTALLING CAMERAS

The backup camera feed will connect to the “CAM IN” video input female RCA terminal. Insane Audio’s cameras include an RCA extension cable that you can run from the head unit to the rear of the vehicle.



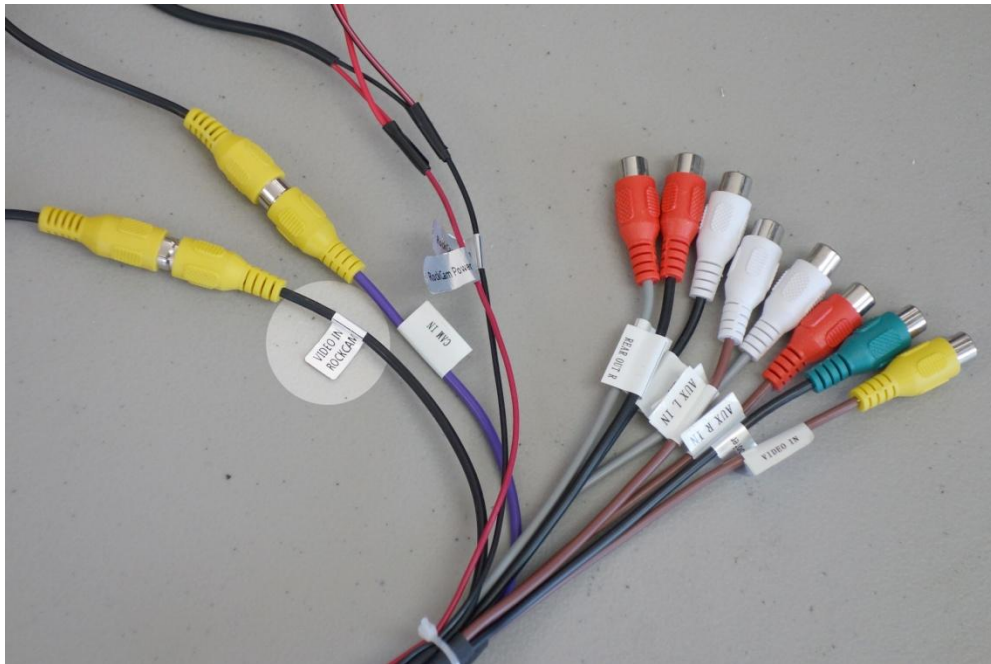
Next, you must connect the “Reverse Trigger” wire on the main harness to a wire in your dash that provides +12V when the vehicle is in reverse. If no such signal is present in your dash, you can extend a wire to your reverse light circuit.

A. INSTALLING CAMERAS

FRONT CAMERA INSTALLATION

Installation of a front facing camera with Insane Audio's DD2001 is fairly simple. Connect the camera's power lines to the red and black RockCam terminals. Remember that these power terminals can support a front camera, a backup camera, or both cameras simultaneously.

Finally feed the IACAM2 video signal into the "RockCam Video In" RCA port.



At this point, you may plug the A/V pigtail back into the head unit and power everything back on.

A. INSTALLING CAMERAS

Check the installation by opening the *RockCam* app.



If you see a “No signal” warning, ensure that the front video feed is connected to “RockCam Video In” RCA port and the power wires are properly connected.

Note that with the RockCam app, you can even view any installed backup camera, too. Tap on the upper left camera icon to switch between front and rear views whenever you’re parked or moving forward.