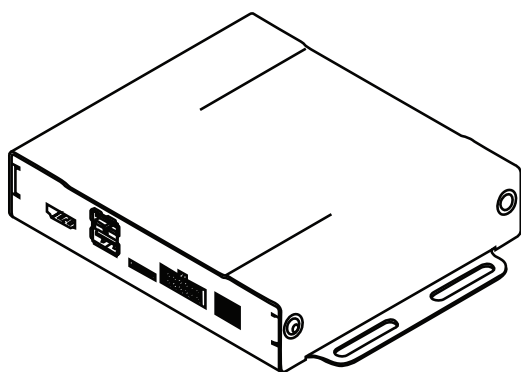


VLine



INSTALLATION MANUAL

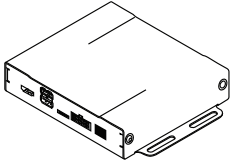
HON3

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GROM-VLINE VL2 SYSTEM

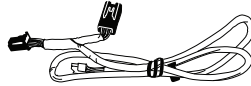
PACKAGE CONTENTS



VLine module



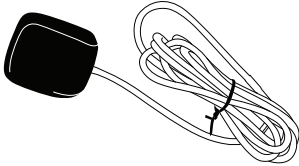
VHON3D Video Cable



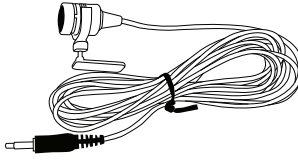
MCFHA3 Interface Cable + Red P-Tap



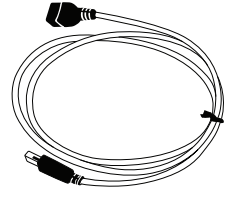
WLTOYUSB cable



GPS Antenna



Microphone



USB Extension cable

Check install video at https://bit.ly/hon3_install

CHAPTER 1 — INSTALLATION

1.1 Before Installation

Before starting work with any wiring, please wait 90 seconds after turning the Ignition to the OFF position and disconnecting the negative (-) terminal of the battery. This is to ensure that no SRS airbags faults are triggered during the installation when disassembling the vehicle's panels and wiring connections for the VLINE module installation.

Please review the entire manual to familiarize yourself of the VLINE module and the installation requirements before installing the unit and using it.

1.2 Tools

Have tools ready for disassembling the dashboard panels to remove the stereo.

Some basic tools will be required for stereo removal and installation, Plastic prying tools, Phillips head screwdriver, 10mm socket and ratchet. Additional tools may be required depending on vehicle and installation preference.

1.3 Vehicle Installation

Each model vehicle disassembles differently. The removal of the stereo and

wiring installation requires special technical skills and experience. If you do not feel comfortable doing the installation please consult with your local car audio shop or installation professional for instructions or assistance if necessary.

Carefully remove the factory Stereo and Display out of the dash cavity with proper tools.

It may be necessary to disconnect items surrounding the stereo and display to remove them and gain access to the back of the stereo to make your connections.

1.4 Safety Guidelines & Appropriate Use

By using VLine you agree:

- to operate VLine only when there are safe driving conditions;
- to follow any applicable state and traffic laws;
- to keep an eye on the road at all time while driving;
- do not attempt to play video (such as YouTube) on a display while the vehicle is in motion;
- do not use VLine without running the engine for the extended period of time as it can drain the battery.

Do not use Vline in a manner that would distract the driver or that may otherwise cause injury or death to vehicle occupants or bystanders.

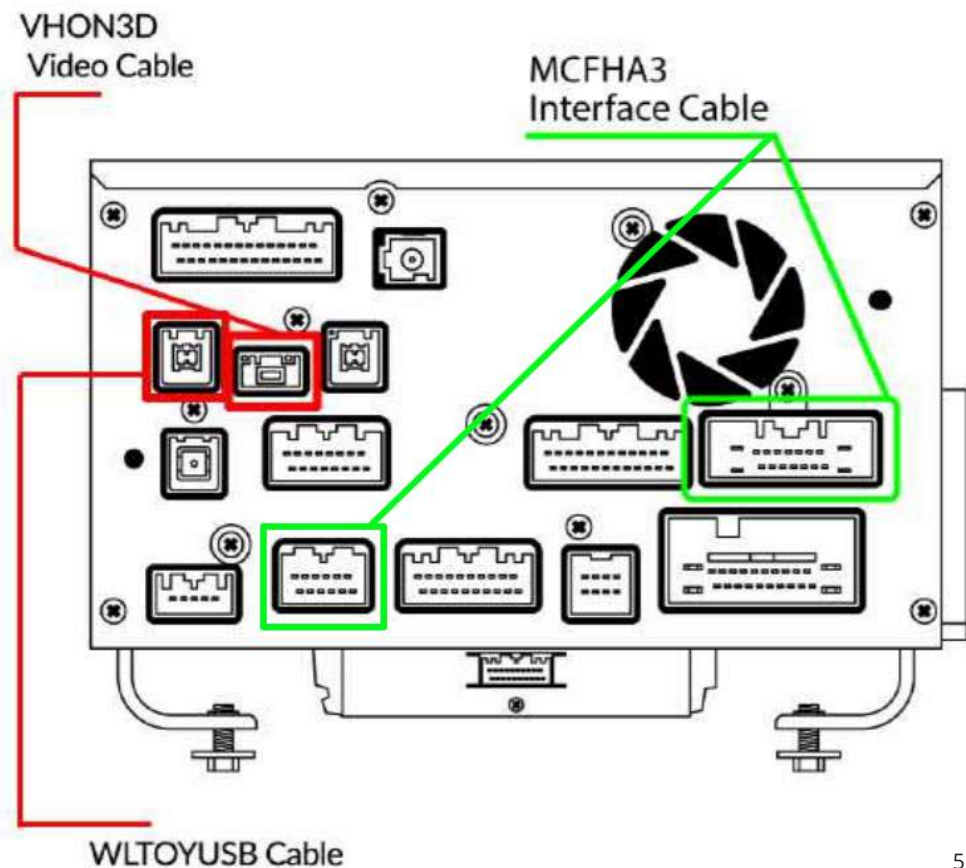
IT IS ILLEGAL IN MOST STATES OF THE UNITED STATES AND MAY BE ILLEGAL IN OTHER JURISDICTIONS FOR ANY TELEVISION OR OTHER VIDEO DISPLAY, STREAM, TRANSMISSION OR BROADCAST TO BE VISIBLE TO THE DRIVER WHILE THE VEHICLE IS IN MOTION. YOU AGREE NOT TO USE ANY VISUAL COMPONENT OF VLine WHILE IN CONTROL OF A MOVING VEHICLE WHERE DOING SO WOULD BE ILLEGAL OR DANGEROUS TO VEHICLE OCCUPANTS OR BYSTANDERS. DOING OTHERWISE CAN LEAD TO SERIOUS INJURY OR DEATH TO YOU AND OTHERS. PLEASE FIND A SAFE PLACE TO PARK AND ENGAGE THE PARKING BRAKE BEFORE VIEWING ANY VIDEO DISPLAYS, STREAMS, TRANSMISSION, OR BROADCAST AVAILABLE THROUGH VLIN.

Connect supplied Interface Cable MCFHA3, Video Cable VHON3D, and USB cable WLTOYUSB to the back of the stereo

Locate GRAY video port **at the back of the stereo**, as shown below. Disconnect the cable that was previously connected, connect VHON3D cable. Reconnect disconnected cable back to the VHON3D cable. **Connect the VHON3D cable to the back of the stereo** and not to the back of the display.

Locate 14-pin and 12-pin GRAY connectors at the back of the stereo. Disconnect what was previously connected, and connect **MCFHA3** cable to the **back of the stereo**. Reconnect previously disconnected factory cables back to MCFHA3 cable.

Connect **WLTOYUSB** cable to the back of the stereo, as shown below. If there was something connected at the back of the stereo to the corresponding port, disconnect it. This is the connection for **factory USB** that will be disconnected upon the installation of VLine.



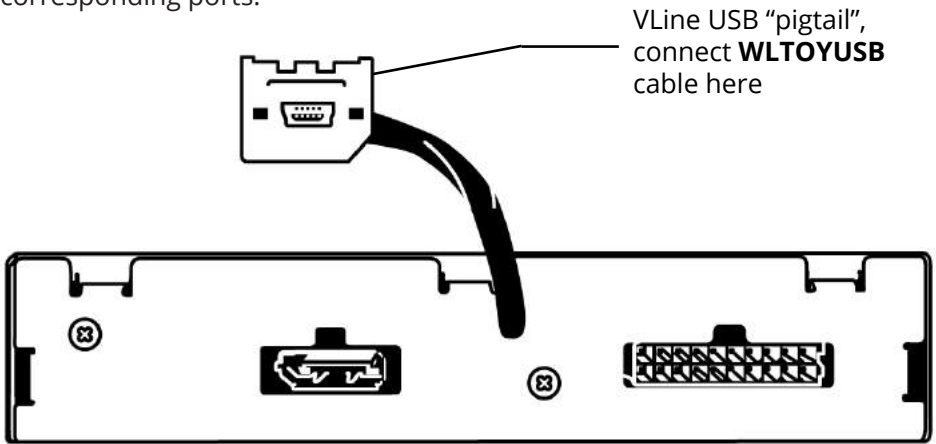
Connect reverse wire on MCFHA3 interface to the main stereo harness

Use supplied red posi-tap connector and refer to the separate manual to locate reverse wire on the main stereo harness and tap the reverse wire on VLine MCFHA3 interface cable to it.

Refer to the separate manual. **The connection of the REV wire is MANDATORY for VLine system to work with the stereo.**

Connect VHON3D video cable, MCFHA3 Interface cable, and WLTOYUSB cable to VLine

Route the unused ends of VHON3D Video cable, MCFHA3 Interface cable, and WLTOYUSB cable to the VLine module and connect them to the corresponding ports.



Routing the GPS Antenna

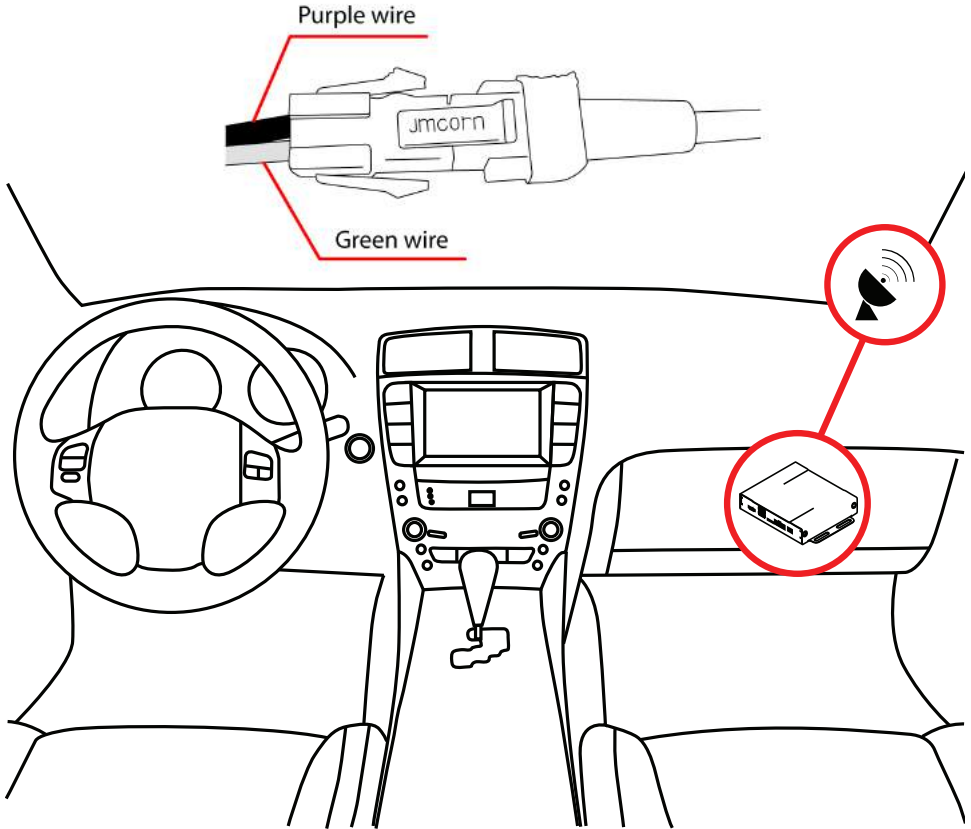
The GPS antenna comes with the sticky padding. Remove the red thin layer of the padding to expose the sticky area.

You can mount the GPS antenna on the top of the dashboard or outside of the vehicle, whichever you prefer. Route the antenna to the desired location. We recommend mounting it inside the vehicle on the passenger side of the dashboard, as shown on the next page. Do not bury the GPS antenna inside the dashboard as it can affect the GPS signal.

Plug the GPS antenna into the VLine VL2.

See the illustration on the next page ----->

If using VAUX cable: Plug VAUX cable into the CAMERA AV1 on VLine. Unplug GPS from 10pin to 4 pin adapter, and plug GPS into VAUX with the purple and green wires facing up. Please do not break the GPS antenna when unplugging it from the molex extension.



Routing the Microphone

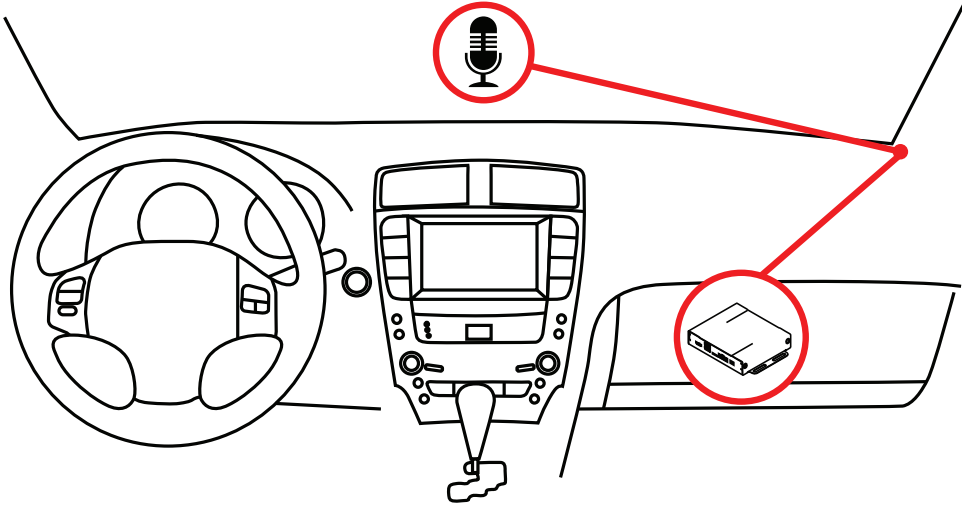
Route the microphone to a location where it can pick up the voice. We recommend mounting the microphone near the rearview mirror but not directly on the windshield glass. Avoid sticking it to a hard surface, as it will pick up more noise. Plug the microphone into the MIC port of the VLine module. Ensure you complete this step, as you will use the microphone for CarPlay®, Android Auto® voice assistance, and CarPlay® phone calls.

Adjusting the microphone gain for CarPlay® or Android Auto®

1. Go to VLine home screen, tap on three horizontal lines in the upper left corner of the screen. You will get into the Settings Menu.

2. While in the Settings, scroll down to the bottom of the screen.
3. Hit AUTO on screen to automatically adjust the microphone gain.
4. Follow to the instructions on the screen and adjust microphone gain.

We usually recommend setting the microphone gain to 45.



Testing the VLine Operation

Test the VLine Operation before mounting the dashboard back. **WARNING: Make sure to reconnect all unplugged connectors back to the vehicle before cycling the ignition.**

Cycle the ignition and press AUDIO -> iPod to enter the VLine mode. VLine uses iPod mode of the stereo. If VLine appears on the screen, and all factory functions such as climate controls, reverse camera, AF/FM stereo, are working, you can mount the dashboard back.

Installation Troubleshooting

1. There is no VLine on the display, or the display is black.
Check the VHON3D cable to ensure you connected it at the back of the stereo and not the display. Make sure you reconnected the originally connected display cable back to the VLine VHON3D female end.
2. There is no VLine on the display, or the display is black.
Ensure you connected the REV wire according to the manual. Without the REV wire properly connected the VLine will not work. Test the wire connection! (see p.6).

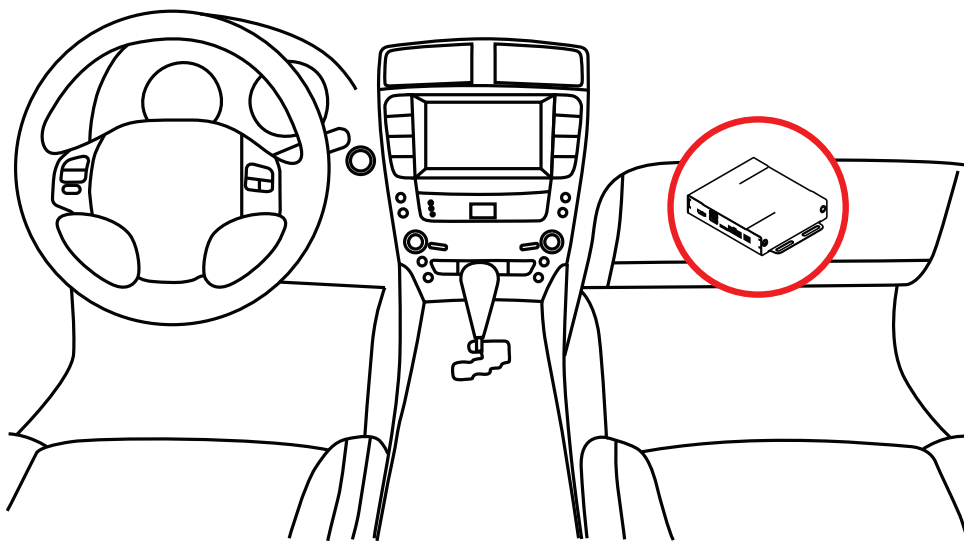
Mounting the VLine Module

Mount the module in the location free of any moving parts. We strongly recommend mounting the module in an easily accessible location, such as the glove compartment, for easy access to the USB ports and in case the firmware needs an upgrade on the VLine module. **Do not leave the VLine module inside the dashboard**, as it can damage the unit and its' Bluetooth antenna.

Mounting Video Cable and Securing VLine

Important: Do not bend or pinch the video cable VHON3D to avoid problems with the video signal. There should be no bends to the video cable next to the connectors that go to the back of the stereo or the VLine, and no sharp bends anywhere else.

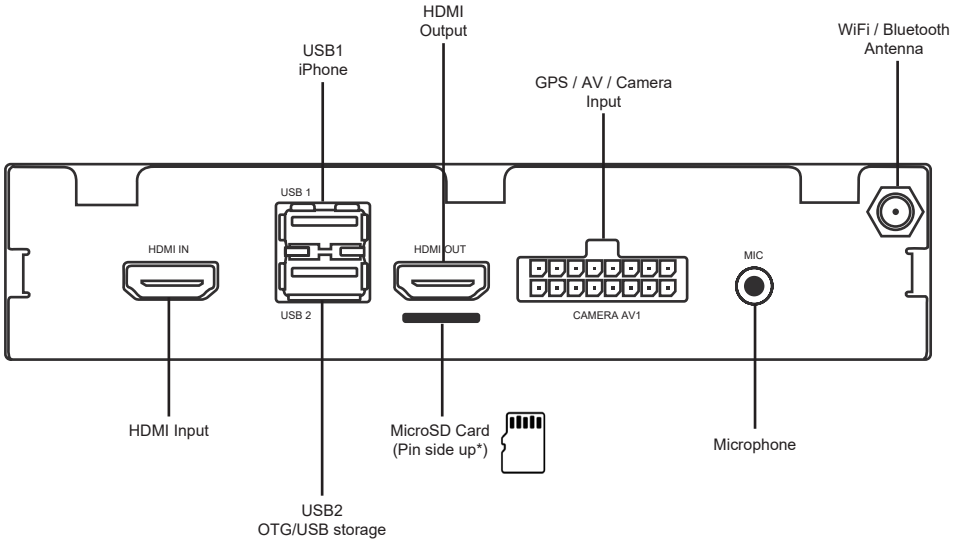
Secure the VLine with zip ties, velcro, or mounting brackets to ensure the VLine does not bounce or move while the vehicle is in motion.



Install the interface in a location free from heat, humidity, moving parts, or direct sunlight. Beware of hot-air flow from your vehicle's climate control system.

System's operating temperature range is -30°C to $+70^{\circ}\text{C}$ (-24°F to $+158^{\circ}\text{F}$)

Understanding the VLine ports



USB1

iPhone connection

Any other USB device (Keyboard / Mouse)

USB2

USB flash drive

Any USB device (Android, Keyboard / Mouse)

MicroSD

Insert microSD card (*pin side up) to increase storage space for Vline (up to 128GB supported). The microSD should be formatted FAT32. File system format exFAT and NTFS are not supported.



Pin Side Up

HDMI IN

HDMI input connection to connect external video sources.

(add plugin to Dashling Launcher to use feature)

HDMI OUT

HDMI Output connection to connect external displays. The HDMI Output will match the VLine's video feed and resolution, be sure your external display can handle those properly.

MIC

Microphone input, connect 3.5mm mono microphone

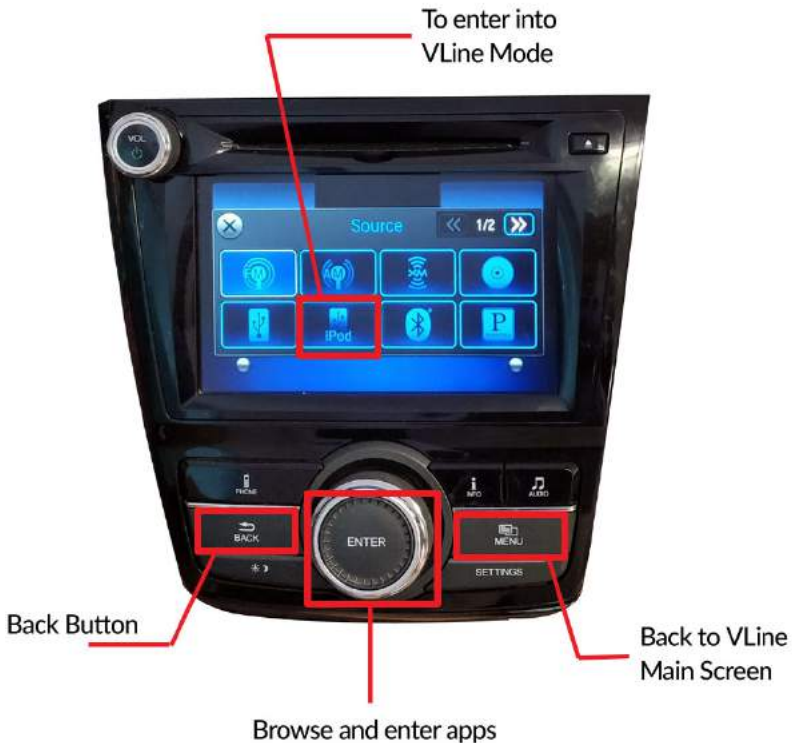
CHAPTER 2 — GETTING STARTED

2.1 Initializing

After connecting the VLine module to the stereo, and reconnecting all unplugged connectors back to the vehicle, an ignition cycle will have to be performed for the stereo to discover VLine and allow VLine to self configure.

To INITIALIZE:

1. Put Ignition Switch to "ACC" or "ON" position
2. Wait up to 5 Seconds
3. Put Ignition Switch to "OFF" position
4. Wait 1 minute
5. Turn Ignition Switch back to "ACC" or "ON" Position
6. Select and press the IPOD icon on Audio source screen until you are able to select the VLINE interface.



Honda Accord 2013-2017 limitation: there is no control knob available on the stereo. You will need to use external mouse or keyboard (see next p.).

Using External Keyboard

You can use external keyboard or mouse to enter the Wi-Fi password or for any other needs when you need to type-in something.

Adjusting Audio Bass, Treble, Balance/Fade for VLINE Mode

To adjust, press on Factory UI button within the VLine menu. To get to the Factory UI button, press on empty PLUS sign and go to Shortcuts --> Factory UI. Factory Display will switch from VLINE interface into factory iPod interface to adjust audio settings.

Exit the iPod source on the stereo, and enter in again, to switch back into the VLine interface mode.

Troubleshooting

CarPlay/Android Auto does not connect wirelessly.

Ensure you have the latest updates on the VLine by connecting the VLine to WiFi and going to: Settings -> System -> VLine System Updates -> Check For Updates

CarPlay/Android Auto does not connect wired.

Ensure the cable you are using to connect the VLine and Phone is a high quality cable, as CP/AA will show issues with lower quality/ worn cables. Use USB1 for the CarPlay.

The factory display or VLine image is flickering.

Double check that the VHON3D cable is not bent or pinched between the VLine and the radio.

iPod source on the stereo is unavailable, and you can't enter VLine mode.

Double-check WLTOYUSB cable, make sure it is security connected to the Radio and VLine "pigtail". Check to make sure the pigtail connector is properly attached to the VLine. See p.6

The stereo does not "see" VLine connected.

The REV wire was not connected properly, or connected in the incorrect location. See p.6 and connection insert. You MUST connect the rev wire for the VLine to work in your car. Check install video:
https://bit.ly/hon3_install

The display in the VLine mode is black.

Ensure you connected the VHON3D video cable to the back of the stereo (and not display), and reconnected originally connected factory cable to the VHON3D cable

SUPPORT

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Please check our FAQ at www.gromaudio.com/support/faq.html, videos and installs at www.gromaudio.com/installs/index.html.

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- do not attempt to play video (such as YouTube) on a display while the vehicle is in motion;
- do not use GROM Product without running the engine for the extended period of time as it can drain the battery.

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GROM AUDIO COMPATIBILITY DISCLAIMER

GROM Audio strives to provide you with a high-quality product while

maintaining competitive pricing. We continuously work to test and develop our product, however, in some cases; our interfaces may not be compatible with your application. Due to the wide range of electronics / anomalies found in car stereos, compatibility and/or controls may vary. Should you experience incompatibility issues, you may contact us via our support page. GROM Audio also carries a standard 30 day return policy.

ENGINE/SYSTEM NOISE DISCLAIMER

Engine / system noise may occur in some installations and is not easily predictable. Should noise occur with your system, we will take commercially-reasonable steps to diagnose the source of the noise. Depending on the situation, noise suppressors and filters may need to be installed in order to correct the problem. Due to the nature of electronics, noise may not be correctable in all cases.

IF YOU DO NOT AGREE WITH THESE TERMS AND PURCHASED DIRECTLY FROM GROM AUDIO PLEASE RETURN THE GROM PRODUCTS IN ORIGINAL CONDITION AND IN ORIGINAL PACKAGE WITHIN FIVE (5) BUSINESS DAYS OF RECEIPT OF THE PRODUCTS FOR A FULL REFUND OF THE PURCHASE PRICE OF GROM PRODUCTS (SHIPPING COSTS NON REFUNDABLE).

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