



# EMERALD INTEGRATIONS

Model: AUDI-AMI

## OEM Integrated Interface Module Audi AMI / INT MMI



# Warning / Caution



## Warning

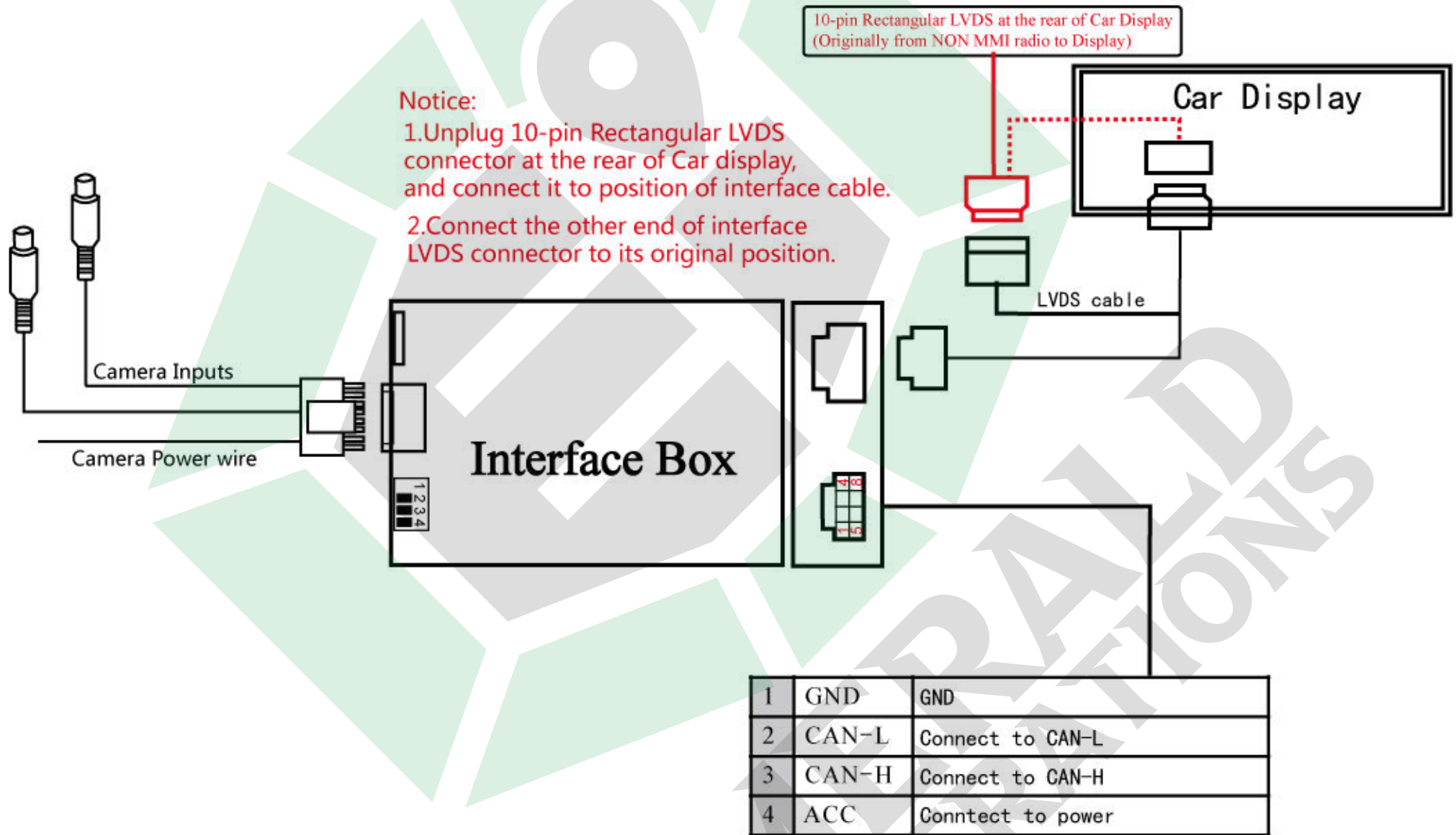
- When installing the main unit, do not remove or alter existing vehicle fasteners, including nuts, bolts, screw, clips, and fittings. Never detach, move or alter existing vehicle wiring, including electrical grounds and straps. Alteration of existing vehicle components may make vehicle unsafe to operate. Should be no any electronic devices or magnetic pole around installation place.
- Air bags are vital part of a safety system. Never install main unit in a way which will alter air bag wiring or interfere with air bag deployment. Air bags must function properly in the event of an accident.
- Before installing, check the location of pipe, tank, electrical cables and others.
- Read and follow the instruction manual.
- Wiring location must not interfere driving, get in or out from car.
- Use electrical tape to insulate the ends of all wires, even if they are not used. Proper insulation prevents arcs, shocks and fires.
- When installation is complete, test all vehicle electrical systems to ensure they operate correctly, including lights, horn, brake lights, and emergency flashers.
- According to our sales policy, any problems caused by user's mistake, careless can not be guaranteed.



## Caution

- All steps of installation should be done by well-trained specialist.
- During installation ignition key should be taken off and after all installation finish connect power cable with interface for the last step.
- Do not install the main unit in places where it may be exposed to dew condensation (around the air conditioning hose, etc), or in locations where it may come in contact with water, high levels of moisture, dust or oily smoke
- Install wiring in a manner in which cables will not come in contact with metal parts. The wiring may be damaged by contact with metal parts, resulting in fire and shocks. Avoid all contact with hot surfaces when wiring the main unit. High temperatures may damage wiring, causing shorts, arcing and fires.
- Kindly check all parts are in the box, when receiving the product, if anything missing, inform to the supplier or manufacturer.

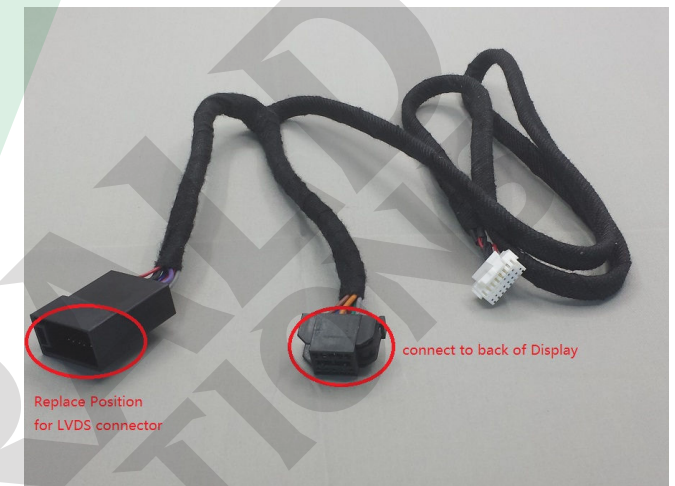
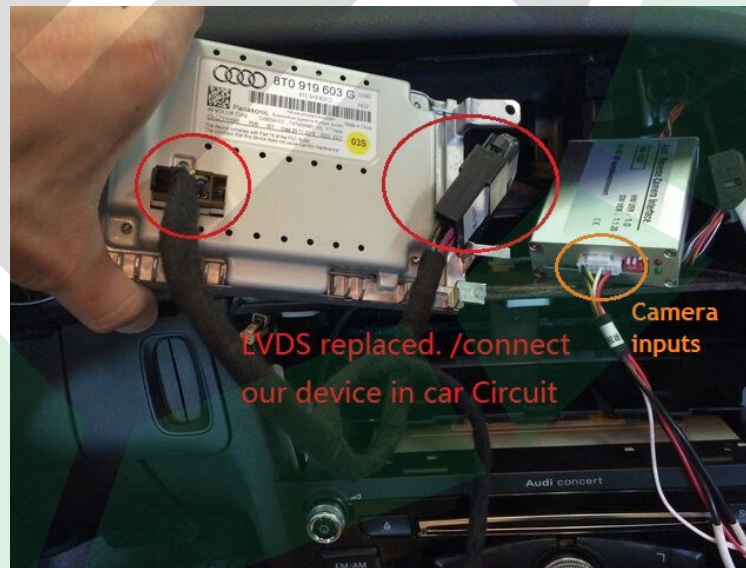
# AUDI Concert & Symphony radio Rearview Camera Interface Installation



**Caution:** Professional installation is always recommended when integrating a module to an OEM system.

## LVDS Connection:

1. Remove the trim around the LCD screen and remove the LCD screen. Please note, **trim removing tools needed to safely remove** (Not provided). You **DO NOT** need to remove the entire radio command system.
2. Install the t-harness (plug and play installation using 10-pin LVDS video cable) and route it through to the glove box.
3. Remove the glove box and drill a round hole big enough to feed the cables through. The interface module will fit nicely inside the glove compartment near the AMI input.



**Caution: If the RED LED is blinking, it's indicating that the device is working with the CANBUS communication correctly.**



## Climate Controller for CANBUS connection & ACC power connection:

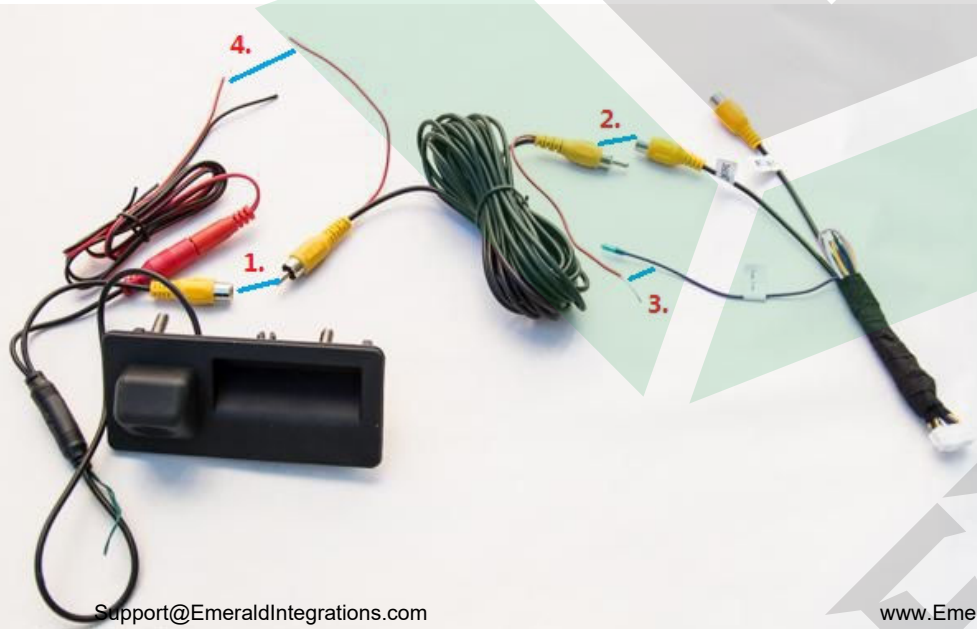


1. Remove the climate controller (AC) to access the corresponding CANBUS in the above diagram.
2. Disconnect the OEM connection and connect it to the interfaces CANBUS connector.
3. Connect the other end of the CANBUS connector to the position as shown in the diagram above.
4. Complete the installation by plugging in all other cables and connecting the camera. Please note, the camera will need to be powered using a 12v ignition or accessory source. This can be gained using the provided RCA harness in RED marked ACC\_+12V.

### Camera Installation:

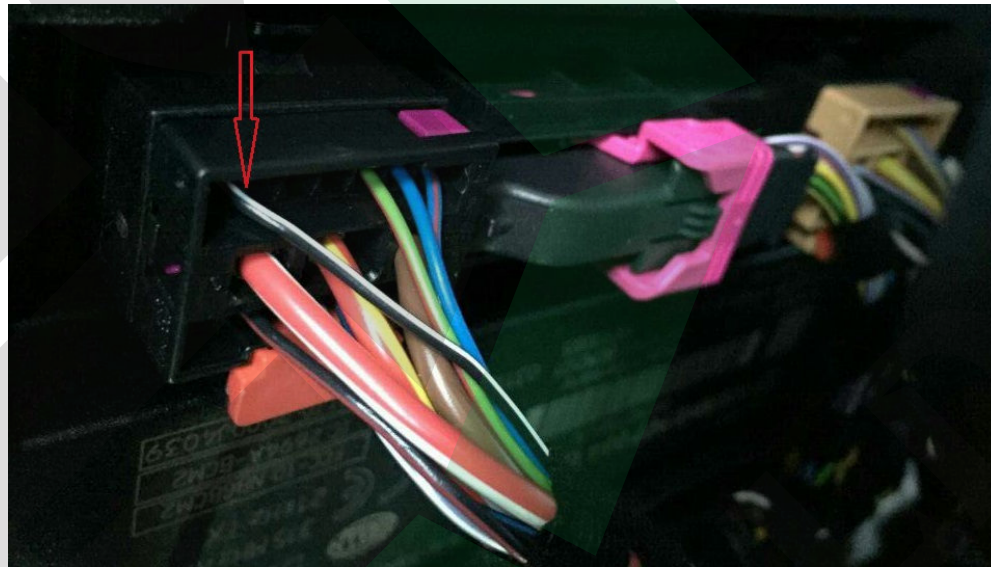
1. Remove the trunk liner to run the camera's RCA cable and access the tailgate latch.
2. Replace the trunk handle with our tailgate handle camera that has our built-in Sony CCD HD camera.

3. At the trunk end, connect the RCA cable and DC cable to the camera's Power Harness.
4. Run the RCA extension cable through the trim and into the glove box.
5. Connect the RCA cable to the REAR CAM IN female RCA on the module.
6. Connect the RCA's RED camera power lead to the PURPLE lead labeled POWER TO CAM\_+12V. This will give the camera a constant 12V which is designed to be on as long as the vehicle is on for a quick and live camera image. It's best to tie off any free hanging RED and BLACK leads coming from the camera power harness to avoid any static interference if we aren't using them for a camera power source.



## For Manual Transmission (MT) vehicles:

1. For MT vehicles, we'll need to connect the WHITE trigger wire on the modules RCA harness to a reverse signal. This can be found in the trunk located on the right side (stripped black & white lead). This will trigger the module when in reverse. Please refer to the pictures below for more details.



The system is now ready for testing!

## DIP Switch Settings:

\*\* Please note the this system can support up to (2) cameras. A rear camera and front camera OR DVR. Front Camera will automatically trigger whereas DVR or any external video will need to be manually triggered using the Voice Command Control.

### DIP 1

Front View Input: DOWN = ON (Auto-Enabled Front Camera)

### DIP 2

Video Input: DOWN = ON (NAV or Voice Button Control. Long Press the voice button for 3 seconds to Activate.

### Features:

1. Supports Front Camera Input.
2. Front Camera will be automatically trigger when shifting out of R and into gear. The front camera will automatically display and time out back to the OEM screen in 10 seconds.
3. To enable an external video source (ex. DVR) you'll need to connect the RCA to FRONT CAM VIDEO IN on the AV Harness and turn DIP 2 DOWN or ON. Once connected, you can engage the external video source using the Voice Command Button (typically located on the steering wheel). You'll need to hold it down for about 3 seconds to enable it and short press it to revert back to OEM the screen.
4. On the modules RCA harness, you can use the **PURPLE** or **RED** power lead for camera power. **RED** is the preferred camera power source.
5. The **WHITE** wire on the RCA harness is for MT vehicles. Please refer to the previous page for a breakdown.

### DIP 3

Dynamic Parking Guidelines (PAS): UP = ON - to enable parking guidelines.

### DIP 4

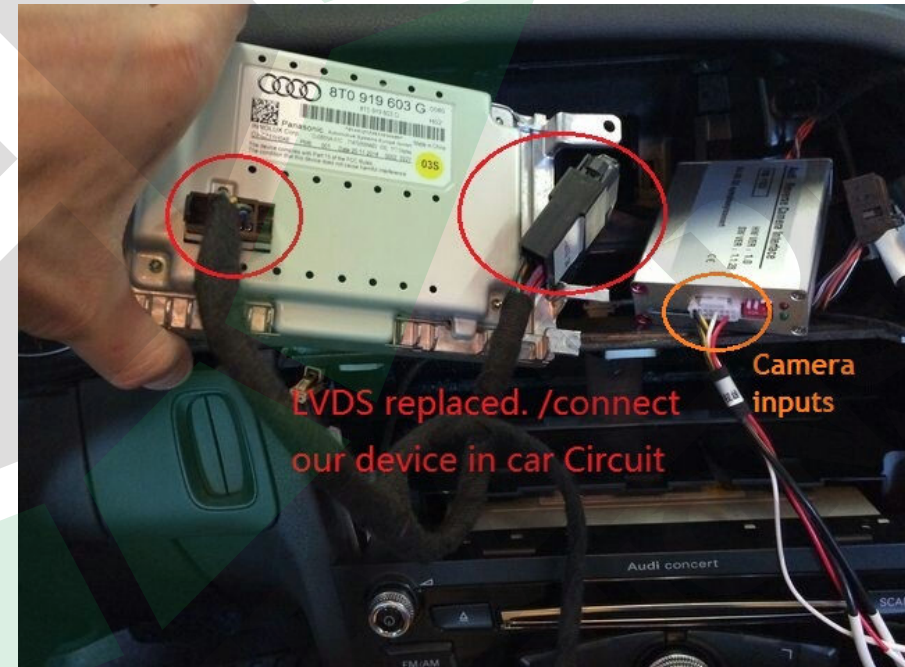
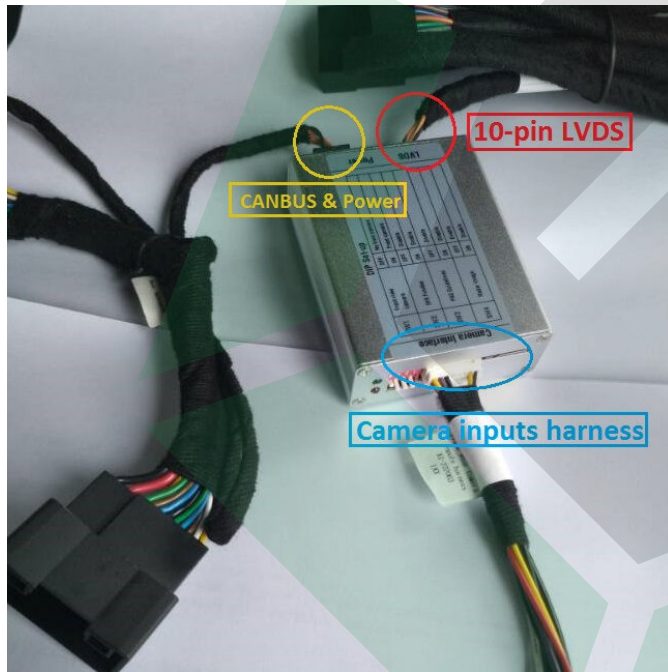
Radar: DOWN = ON - If you have audible parking sensors in your vehicle already, turn this feature on. If not, you can leave this feature off.



## Troubleshooting:

If you get a black screen when in reverse, this is typically due to a wrong connection on the module end.

1. Please double check the connections on the interface. You may have the LVDS connections connected the wrong way (ex. IN is OUT and OUT is IN).



2. Make sure the LVDS is connected properly in place of the OEM connection.

Should you have any questions or concerns, Emerald Integrations is here to help. Please email us using [support@emeraldintegrations.com](mailto:support@emeraldintegrations.com) and provide us with details on what the issue is and pictures so that we can see the installation process. You can also reach us on livechat on our main website or you can contact us during our normal business hours which are Monday - Friday from 9AM - 5PM PST @ 844-333-3903.



## Customer Service

At Emerald we want to make sure that you are completely satisfied, therefore we have assembled qualified associates to assist you. Our normal operating hours are Monday - Thursday 9:00 AM - 5:00 PM and Friday 9:00 AM - 4:00 PM (Pacific Standard Time).

Call us Toll Free: 844-333-3903

Email us: [support@emeraldintegrations.com](mailto:support@emeraldintegrations.com)

## Returns

### 30-Day Money-Back Guarantee

At Emerald Integrations, we want to make sure that you are completely satisfied. If for some reason you aren't happy with an item on your order and want to return it, we make returns and refunds extremely simple.

Any complete, like-new item returned within 30-days can be returned for a full refund less the original cost of shipping. All items or packages shipped free of charge will be subject to a \$15.00 shipping fee. If returned items are not in like-new condition, then Emerald Integrations may refuse a return or charge a restocking fee of 10% - 20%. Items not in like-new condition include, but are not limited to: items missing original item packaging, opened software or media items, used items, installed items, abused or physically damaged items, items missing parts, items damaged due to improper return shipping, items with a different serial number or defaced serial number, pre-cut wire, made-to-order items and special order items. All returns must be shipped back in a shipping carton, items cannot be shipped back in product boxes. Should you have any questions about our return procedure, please don't hesitate to contact us.

### Return Disclaimer

Any unauthorized, improperly packaged, or non-insured packages will be returned to sender. Items that show signs of wear or have been, scratched, altered, or damaged in any way cannot be accepted for return

## Warranty

Emerald Integrations understands that there are minor chances that electronics can fail and defects happen, in the event that this occurs, Emerald Integrations is here to help you quickly resolve your defect for a full year of 1-Year Warranty Coverage. Unlike others who push you to a manufacturer service center that can be slow and unresponsive, we're here to help with the repair or replacement you need. To begin the process, follow the instructions on the returns page at [www.emeraldintegrations.com/returns](http://www.emeraldintegrations.com/returns).

The terms of the warranty are subject to the specific manufacturer and all expressed and implied warranties are provided solely by the manufacturer. Every item approved for a warranty claim is inspected by our team of qualified experts and professionally tested.

Emerald Integrations is a retail and wholesale distributor of vehicle electronic components, specializing in car safety. Emerald tests each product individually to ensure optimal performance and is NOT responsible for any negligence or damages caused by the installation process. Should a customer request assistance in finding an installer, Emerald holds no liability for any installers recommended by Emerald, it's employees or affiliates.