



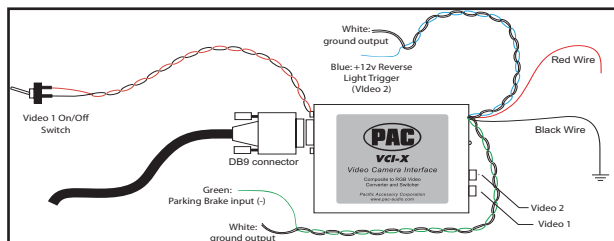
VCI-GM3A

Video Camera Interface Kit for the GMC Acadia, Buick Enclave and Saturn Outlook Navigation Radios

This interface will **ONLY** work in these vehicles -will **NOT** work with any other GM navigation radios

The installation instructions steps MUST be followed carefully and in order. Failure to follow these steps may result in damage to the navigation unit!

1. Connect the VCI-GM3A's black power wire to chassis ground. Connect the red wire to the vehicles +12 volt accessory. The power wires are the ones coming out from the DC 12V side of the case.
2. Connect the VCI-GM3A's Blue Trigger wire to the vehicle's +12 volt reverse light supply wire. The Reverse wire will show +12 volts when the vehicle is put into reverse.
3. Connect the Video Back-up Camera's video output to the VCI-GM3A's Video 2 input. (Optional: The VCI-GM3A's Video 1 input can be used for a second video backup camera. The toggle switch selects between the radio's normal display or Video 1 input. Video 2 input has precedence over Video 1 input, when the blue wire receives +12volts, regardless of the switch position.)



RIBBON A



RIBBON B



- 1) With the vehicle's ignition on and the navigation unit on, press and hold the eject button for 20 seconds until the display ejects.



- 2) With the display open, disconnect and remove the navigation unit from the vehicle. Remove the plastic mounting trim from around the body of the navigation unit by releasing the four clips.

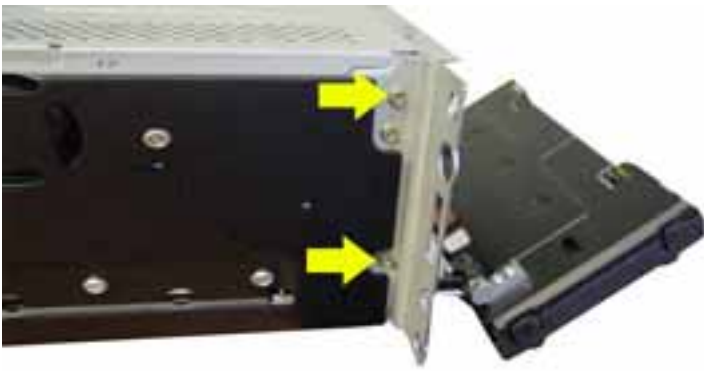


- 3) Disconnect the auxiliary audio ribbon cable located behind the eject button.



- 4) Carefully remove the grey cover by gently peeling away from the body of the navigation unit, starting at the top corners.

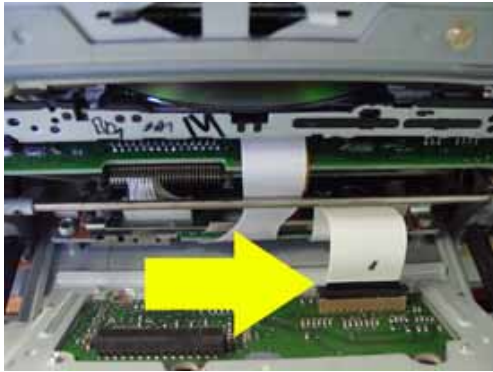
DISCLAIMER: Under no circumstances shall the manufacturer or the distributors of the VCI-GM3A parts be held liable for consequential damages sustained in connection with the VCI-GM3A. The manufacturer and it's distributors will not, nor will they authorize any representative or any other individual to assume obligation or liability in relation to the VCI-GM3A other than its replacement.



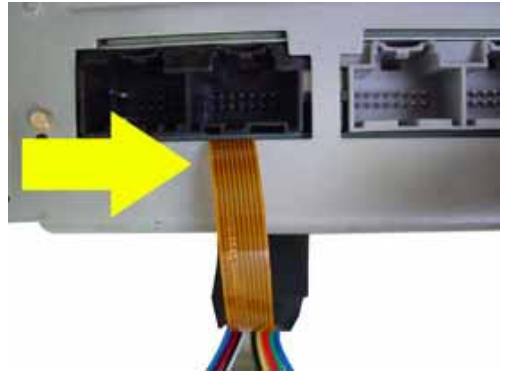
5) Remove the top and the bottom 3/16" screws on both the left and right sides on the navigation . The center screw is not necessary to remove.



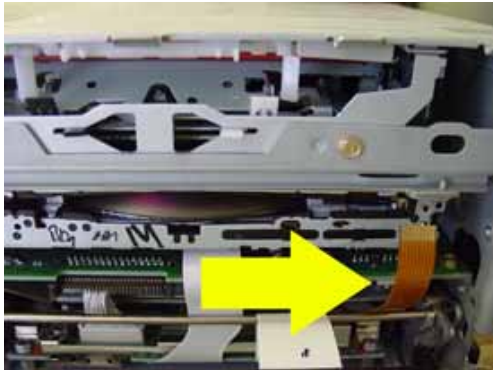
6) Carefully remove the front metal printed circuit board assembly.



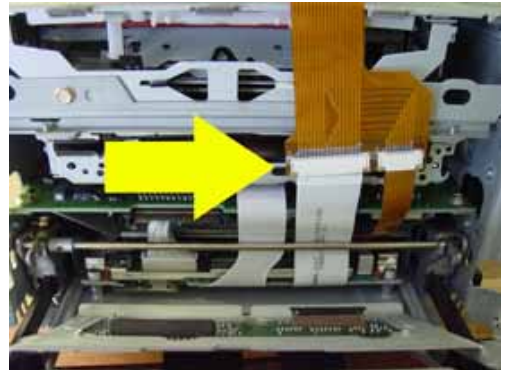
7) Gently disconnect the factory ribbon cable by lifting up on the black release tab on each side.



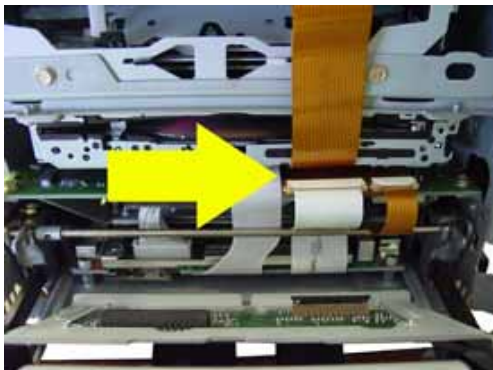
8) Route the Interface extension RIBBON A under the black connectors through the rear of the navigation unit towards the front opening with the gold terminal connectors facing down. Use the adhesive tape and secure the pad to the bottom of the navigation unit.



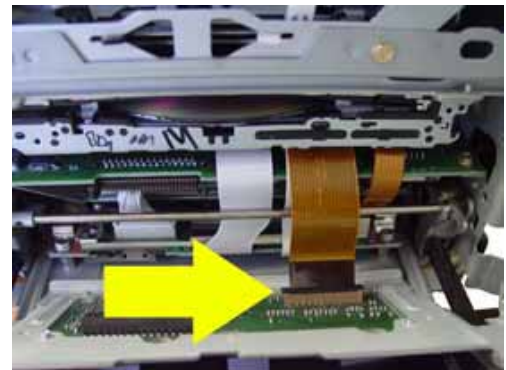
9) Route the Interface extension ribbon cable and the factory ribbon cable to exit the opening directly below the printed circuit board and above the display release bar.



10) Connect the factory ribbon cable and the extension RIBBON A cable to the Interface RIBBON B cable.



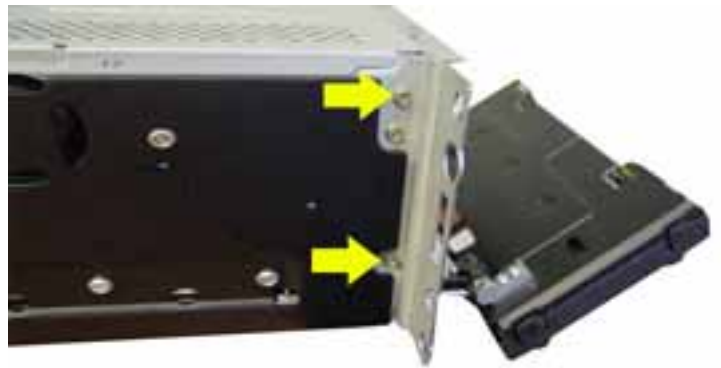
11) Carefully fold and insert the Interface ribbon cable directly below the DVD-ROM.



12) Connect the Interface ribbon cable to the metal printed circuit board assembly with the connectors facing down. Secure the black retaining tab.



13) Carefully reattach the front metal printed circuit board assembly.



14) Reinstall the top and the bottom 3/16" screws on both the left and right sides of the navigation unit.



15) Carefully reattach the grey cover.



16) Reconnect the auxiliary audio ribbon cable located behind the eject button and reinstall the factory plastic mounting trim around the body of the navigation unit.



17) Install the navigation unit into the vehicle. Connect the DB9 harness to the VCI-GM3A interface and tighten the thumb screws. Verify operation of the factory navigation unit.



18) Verify operation of the video input.

Testing the VCI-GM3A:

1. Turn the vehicle and radio on. The radio display should show normal information.
 - * If there is no image on the display, check for correct power connection on the VCI-GM3A.
 - * If the image on the display scrolls across the screen, make sure the ribbon cable is seated in the connector correctly.
2. Temporarily put the vehicle into reverse being careful not to back into anything or anyone. The display screen will change to the video back-up camera mode. Put vehicle back to Park and the radio display should show normal information.
 - *If the radio screen information disappears and you get a blank screen when the vehicle is put into reverse, check the video back-up camera for proper power and video cable connection.
 - *The camera must be connected to Video 2 Input.