



Pacific Accessory Corporation

VCI-X with Volvo XC-90

Video Camera Interface Instructions for Volvo XC-90 with Factory Navigation

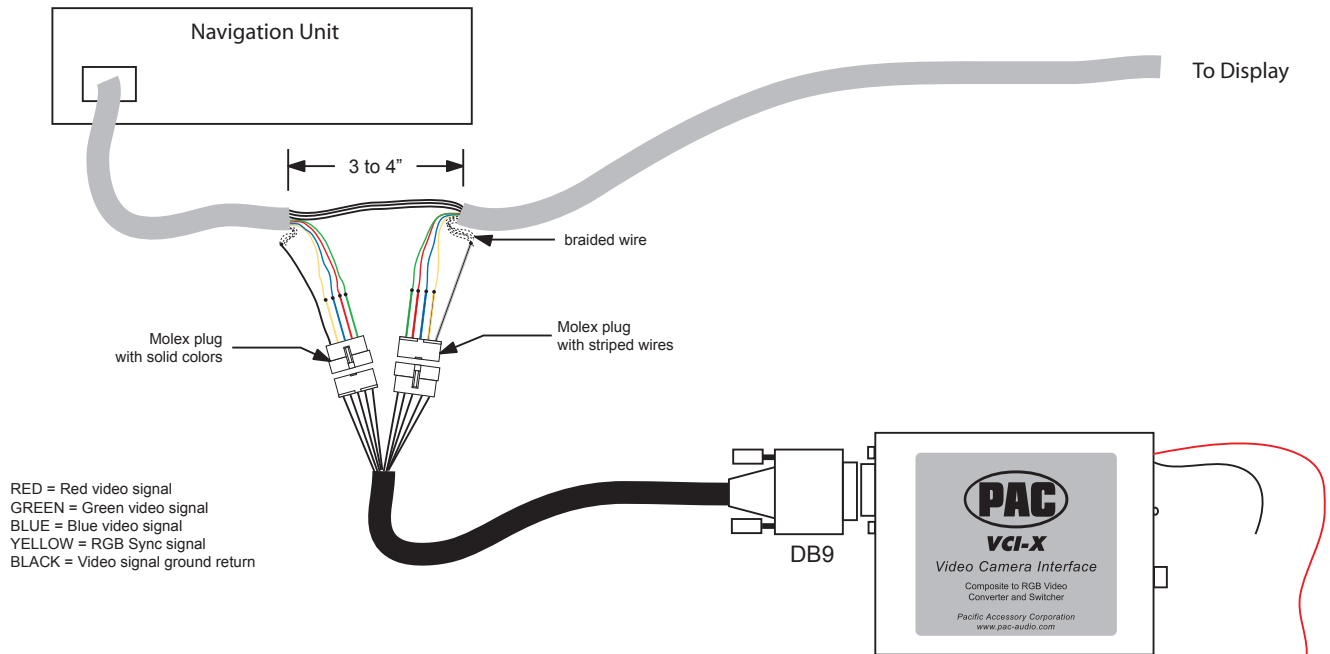


DISCLAIMER: Under no circumstances shall the manufacturer or the distributors of the VCI-X parts be held liable for consequential damages sustained in connection with the VCI-X. The manufacture and it's distributors will not, nor will they authorize any representative or any other individual to assume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

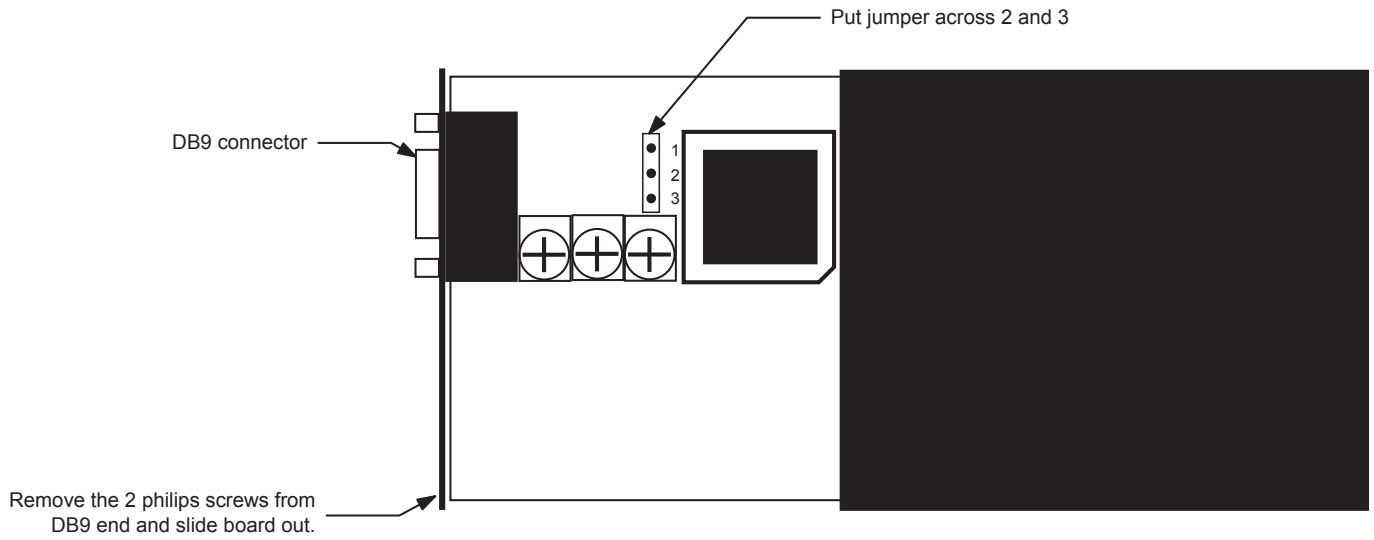
Inaccuracies or Typographical Errors: The information in these instruction could contain technical or other mistakes, inaccuracies or typographical errors. PAC may make changes to the materials in these instructions at any time without notice. The information in these instructions may be out of date, and PAC makes no commitment to update such information.

INSTALLATION:

1. Locate navigation unit under the driver's seat. Unplug the gray DIN cable from navigation unit. **DO NOT** unplug the black connector with the two orange fiber optic cables coming out of it!
2. Carefully cut 3 to 4 inches of the gray insulation off. Cut the braided wire being careful not to cut un-insulated tinned wires. Pull braided wires apart to expose the individual wires.
3. Locate the RED, GREEN, BLUE and YELLOW wires and cut these wires in half. Connect the VCI-X's 6 pin molex plugs as shown below.
4. The Molex plugs with solid colors connect towards the navigation unit. Wire these color for color, RED to RED, GREEN to GREEN, BLUE to BLUE and YELLOW to YELLOW. The BLACK wire will connect to the braided shield wire towards the navigation unit.
5. The Molex plugs with stripes connect towards the display. Wire these color for color, RED/BLACK to RED, GREEN/BLACK to GREEN, BLUE/BLACK to BLUE and YELLOW/BLACK to YELLOW. The WHITE/BLACK wire will connect to the braided wire towards the display side. Using electrical tape, apply the tape around the exposed individual wires and braided wires.
6. You will need to change a jumper setting inside the VCI-X. Follow the instructions on the back to change the jumper.
7. Follow the rest of the directions that came with the VCI-X for wiring power, ground and switch input wires.



Remove the two philips screws from the DB9 connector end. Slide circuit board out and locate the jumper next the the microcontroller. Remove the jumper from 1+2 and place jumper to 2+3. Put VCI-X back together.



OPERATION: When the switch is in the closed position, the factory navigation will show on the screen. When the toggle switch is in the open position, the video back up camera will show on the screen. If you want to switch to video back up camera screen automatically (navigation must be on), you will need to use an optional SPDT relay to break open the toggle switch circuit. Use the reverse light supply wire to trigger the relay to open the toggle switch circuit. Download wiring instructions if needed.