Dell Vostro 3450 Display Assembly Replacement

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TOOLS:

Spudger (1)
Phillips #0 Screwdriver (1)

Step 1 — Unlocking the Battery

- Slide the left and the right battery release latches to the unlock position.

Step 2 — Removing the Battery

- Slide the battery and remove it from the computer.

Step 3 — Prying the Keyboard

- Press the keyboard down. Pry the keyboard with the use of a flat-head screwdriver towards the display to reveal the first keyboard retainer.

Step 4 — Prying the Keyboard retainer

- Pry up the second keyboard retainer.

Step 5 — Pry up the Keyboard Retainer

- Pry up the third keyboard retainer.

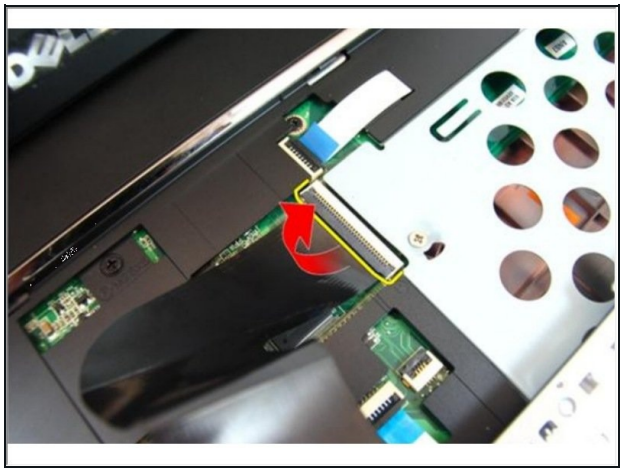
Step 6 — Prying the Retainer

- Pry up the fourth keyboard retainer.

Step 7 — Pull up the Keyboard

- Pull up the keyboard from the palm rest.

Step 8 — Release the Latch



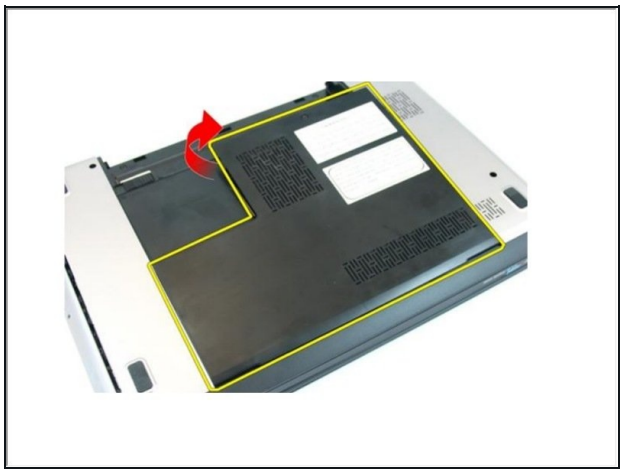
- Release the latch on the system board connector, then disconnect the keyboard cable.

If this is all you are doing Follow Step In Reverse if not Go to Next Step.

Step 9 — Loosen the Screw

- Loosen the screw that secures the memory door.

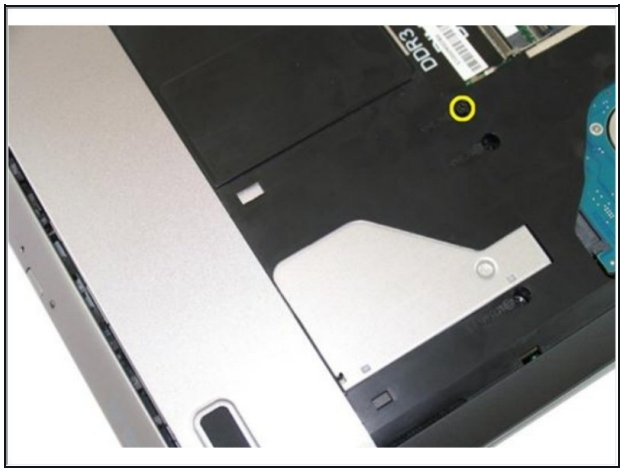
Step 10 — Removing the Memory Door



- Pry up the memory door near the screw hole, lift and remove it.

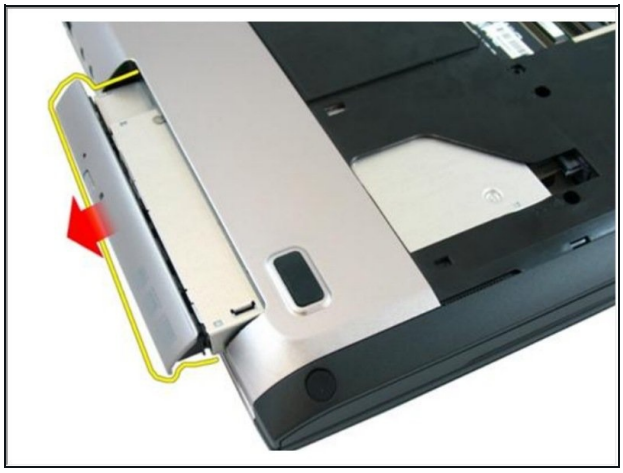
If this is all you are doing Follow Step In Reverse if not Go to Next Step.

Step 11 — Remove the Screw



- Remove the screw that secures the optical drive to the computer.

Step 12 — Prying the Drive



- Gently pry the optical drive out of the computer.

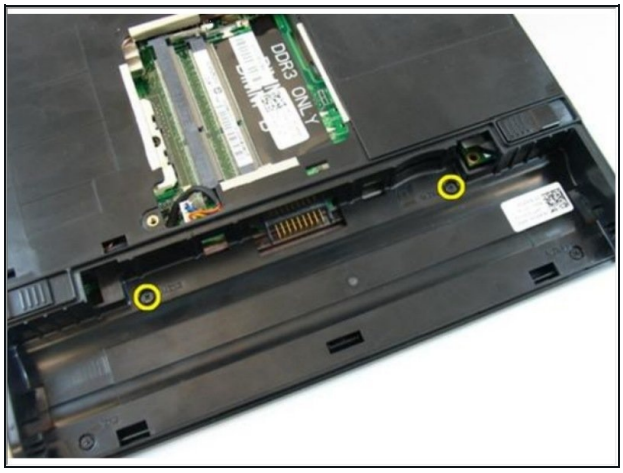
Step 13 — Remove the Screws

- Remove the screws that secure the optical drive bracket.

Step 14 — Removing the Optical Drive

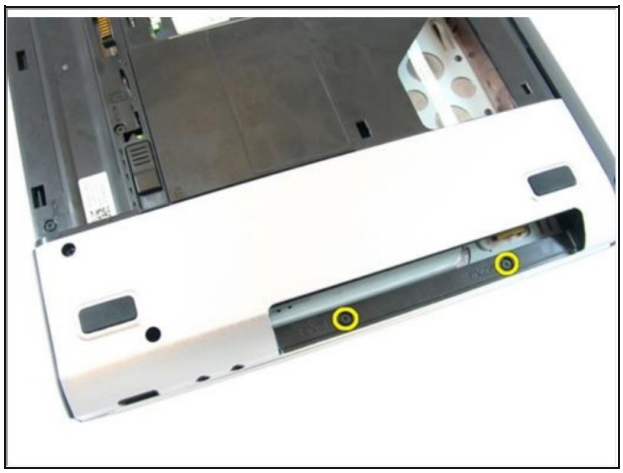
- Remove the optical drive bracket from the optical drive module.

Step 15 — Remove the Screws



- Remove the screws in the battery compartment.

Step 16 — Remove the Screws



- Remove the screws in the optical drive compartment.

Step 17 — Remove the Rubber

- Remove the rubber from the bottom base on the right side.

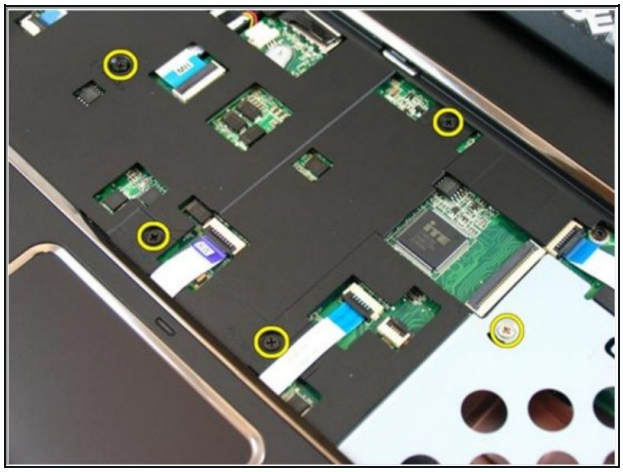
Step 18 — Remove the Rubber

- Remove the rubber from the bottom base on the left side.

Step 19 — Remove the Screws

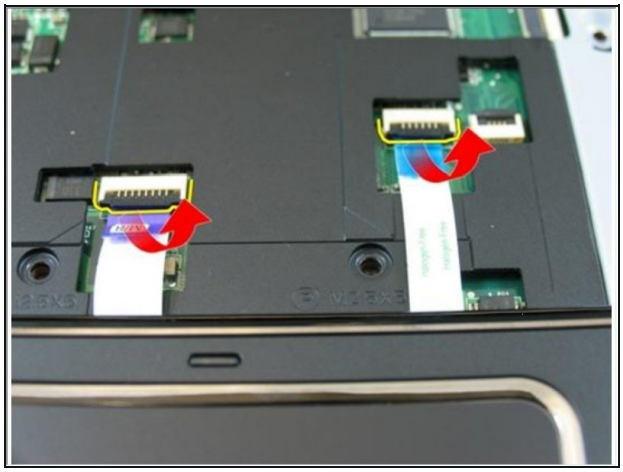
- Remove all the screws from the bottom base.

Step 20 — Remove the Screws



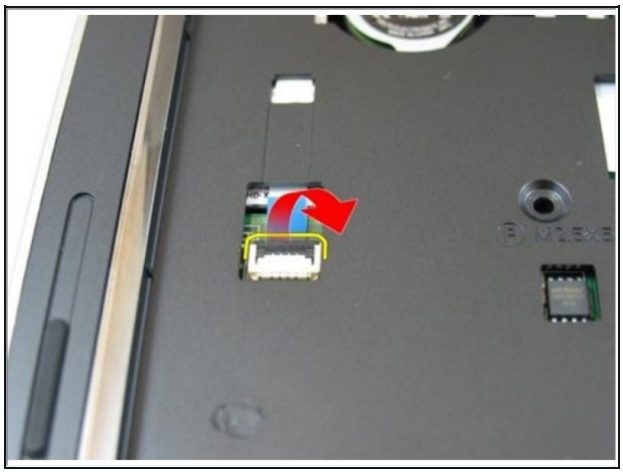
- Flip the computer around and remove the screws that secures the palm rest.

Step 21 — Release the Latches



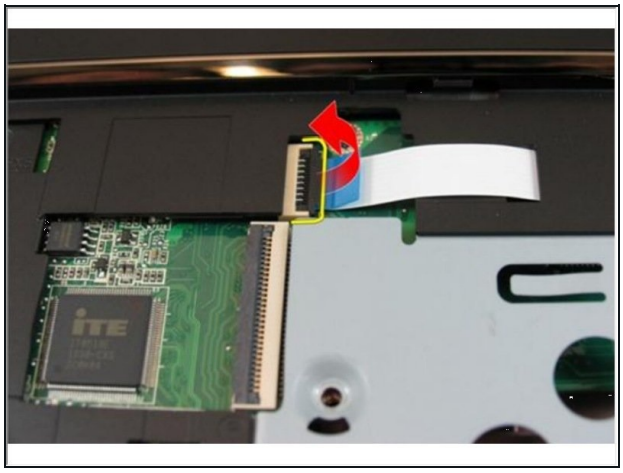
- Release the latches on the system board connector, then disconnect the touch pad cable and the finger printer cable.

Step 22 — Release the Latch



- Release the latch on the system board connector and then disconnect the power button cable.

Step 23 — Disconnecting the Key Cable



- Release the latch on the system board connector and then disconnect the hot key cable.

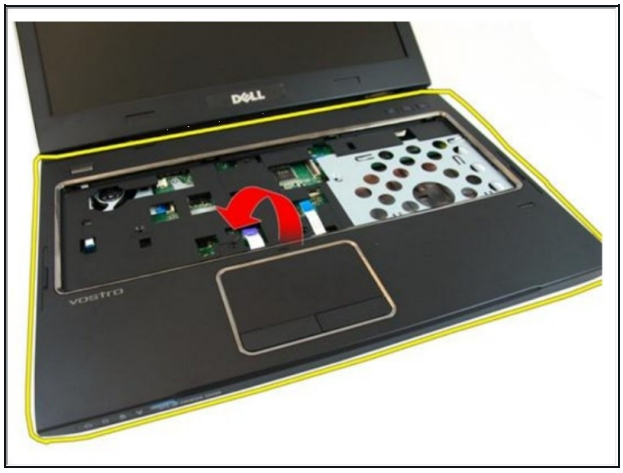
Step 24 — Prying the Palm Rest

- Pry up the right side of the palm rest.

Step 25 — Prying the Palm Rest

- Pry up the left side of the palm rest.

Step 26 — Prying the Sides



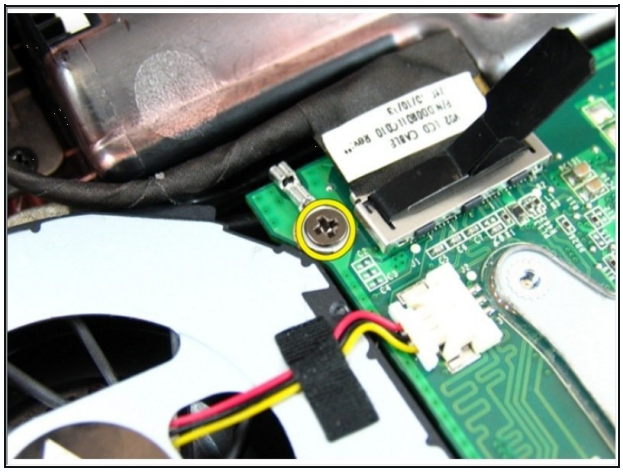
- Pry up the sides of the palm rest and remove it from the computer.

If this is all you are doing Follow Step In Reverse if not Go to Next Step.

Step 27 — Remove the Screws

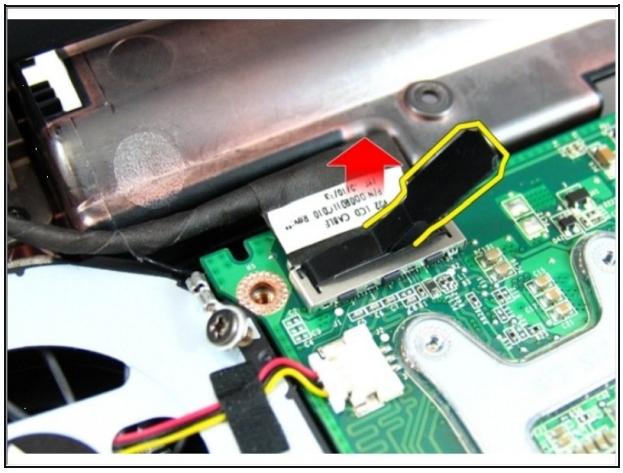
- Remove the screws that secure the display hinge.

Step 28 — Loosen the Screw



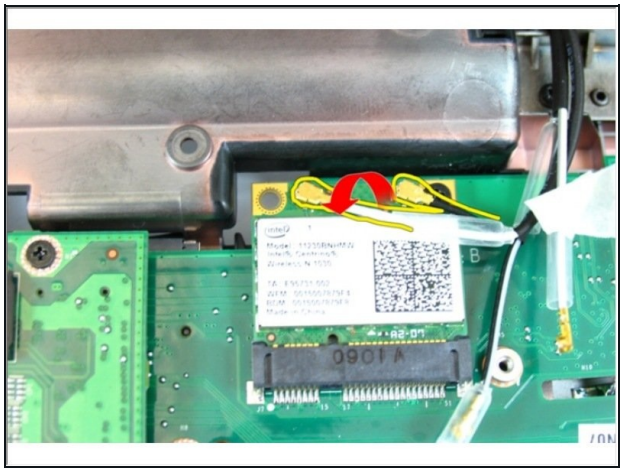
- Loosen the screw that secures the low-voltage differential signaling (LVDS) cable.

Step 29 — Disconnecting the LVDS Cable



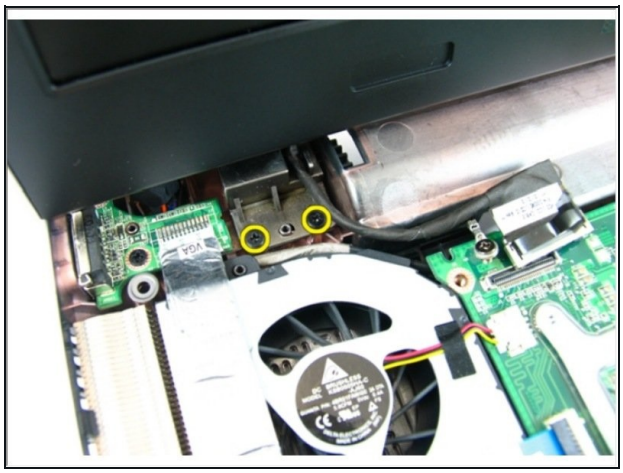
- Disconnect the LVDS cable from the system board.

Step 30 — Disconnecting the Wireless Cables



- Disconnect the wireless local area network (WLAN) antenna cable.

Step 31 — Remove the Screws

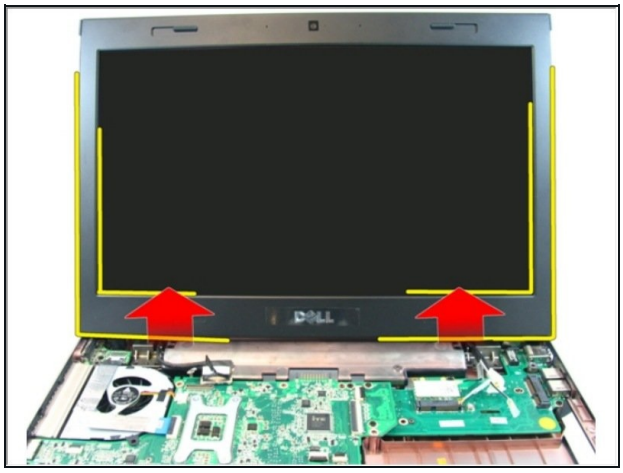


- Remove the screws that secure the left hinge.

Step 32 — Remove the Screws

- Remove the screws that secure the right hinge.

Step 33 — Lifting the Display Assembly



- Lift the display assembly and remove it from the computer.

If this is all you are doing Follow Step In Reverse if not Go to Next Step.