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Apple 3400 & Kanga G3 Repair Manual

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Suggestions for making this manual better? Email: sales@powerbookmedic.com

Battery & Drive Removal



Begin all repairs by first unplugging your unit and removing the battery. To remove the battery, locate the eject mechanism on the front of your unit as shown. Push the button in and slide the battery out and to the right.



To remove the floppy or CD-ROM drive, start by flipping your unit over. Locate the lock switch as shown, and move the switch to the unlock position.



Now simply slide the drive out by grasping the drive and pulling towards you.

Keyboard & Ram Replacement



To remove the keyboard, start by flipping your unit over. Locate the 3 Torx T8 Screws as shown, and remove them.



Flip the unit back over. Gently pry the keyboard up (spacebar side up first) Lift the keyboard up, then pull towards you.



Then fold the keyboard over as shown.



Undo the two keyboard connectors shown by gently pulling up on them.



You will now have access to the ram. To remove the ram, simply grasp the chip as shown and pull up. The ram will easily come free from its connector.

Speaker Grill Removal



(All prior steps must be completed before continuing.)

To remove the speaker grill, remove the orange speaker connector shown by gently lifting up on the cable.



Locate the torx T8 screw near the orange speaker connector cable and remove it.



Lift the grill up and out. You may need to grasp the grill from both sides.



Flip the grill over, and you'll notice the speaker cable as shown. Disconnect the cables at the connector by simply pulling them apart. The speaker grill will then be free.

Clutch Cover & Trackpad Removal

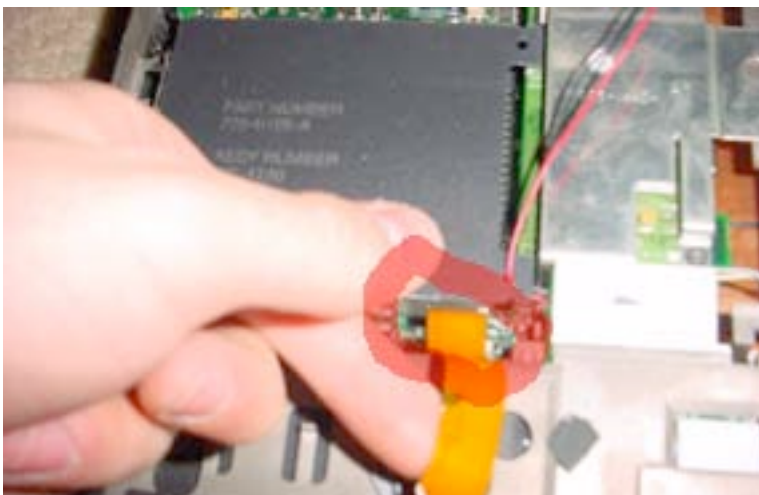


(You must complete all prior steps before continuing with this step.)

You must now remove the clutch covers from both the left and right side of the laptop. Tilt the display all the way back, and then lift up on the clutch cover. They should come off from both sides with minimal force.



Grasp the trackpad as shown, pull up and towards you and fold back in much the same way the keyboard is folded back.



Locate the orange trackpad connector cable as shown. Undo the cable by gently lifting up on it. The trackpad assembly will now be free.

Hard Drive Removal

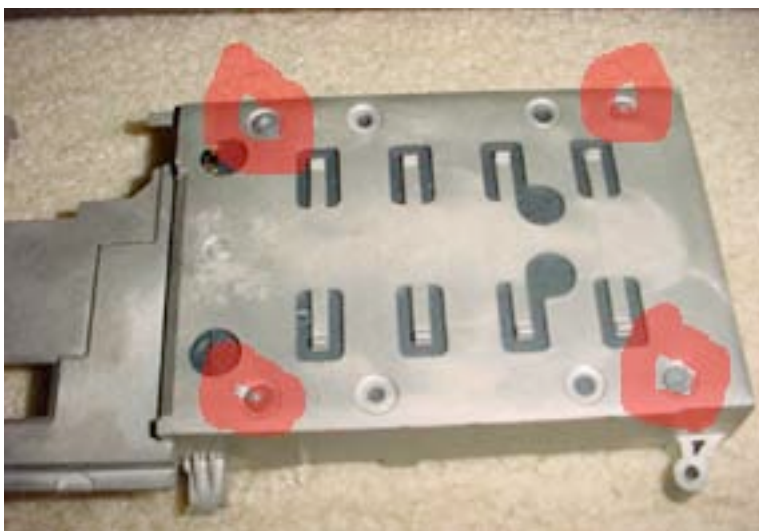


(You must complete all prior steps before continuing with this step.)

Using a Torx T8 screwdriver, Remove the three Torx T8 screws from the positions shown.



Next, lift up on the hard drive caddy, and this will reveal the hard drive connector cable as shown. Undo the hard drive connector cable, and this will free the caddy.



Remove the 4 Torx T8 screws from the location shown on the caddy. This will release the hard drive from the caddy.



Remove the hard drive connector cable from the hard drive by pulling directly up on the cable. You must pull gently and directly up or you will bend the hard drive pins on the hard drive.



Power Board Removal

To remove the power board, grasp the board as shown and gently lift up. It should easily come free from its connector.



Heat Shield & Network Card Removal

Begin by removing the IR white cable from its connector. Then, remove the two torx T8 screws from the locations shown.



Lift the heat shield up and away from the network card.



To remove the network card, grasp the card as shown. Lift the card up and towards you. It should easily come free from its connector.

Logic Board Removal



(You must complete all prior steps before continuing with this step.)

Lift the PCMCIA Switch board up and out of the logic board. It will come up easily. Also, disconnect the orange display cable from the logic board.



Remove the white airflow detector (white foam piece) from the logic board, and disconnect the LED indicator as shown.



Disconnect the fan connector as shown.



Grasp the logic board as shown. Pull the board out and to the right and up. Then pull the board towards you. You will need to work with the board a little bit to get it to come out.

Display Replacement



(You do not need to remove every component to remove the display. You need to follow every step up to and including the clutch cover removal. Then disconnect the orange display cable from the logic board and remove the two Torx T8 screws as shown.



The display will easily come free from the base.

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