

Tomtom Go 910 Disassemble Manual

Tools:

Required

T6 Torx Screw Driver
Small Flat Head Screw Driver
Small container to put all screws

Optional

Long Nose Pliers or Tweezers

Note: All screws are of the same length so no worry of mixing them up

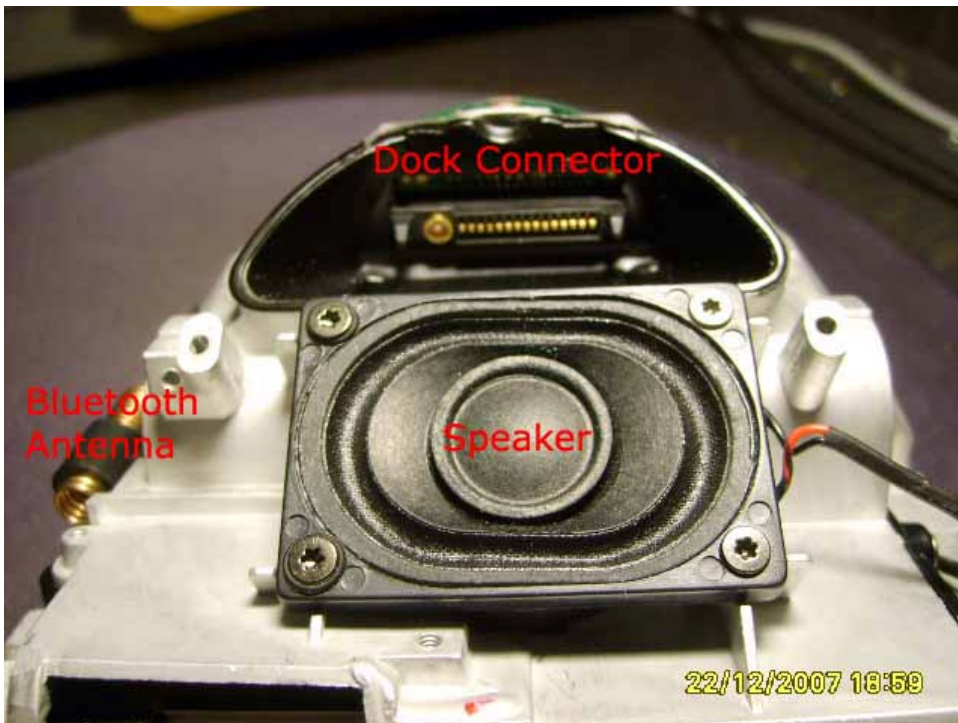
Disassembly

Removing the Housing

1. Place device with the LCD Display facing down preferably on a semi-soft mat like a mouse pad to avoid damage to the LCD Display. Lift up the ends of the Rubber Feet and remove the Screw. There are a total of four screws. *The Rubber Feet on my device permanently came off after dismantling it many times.*

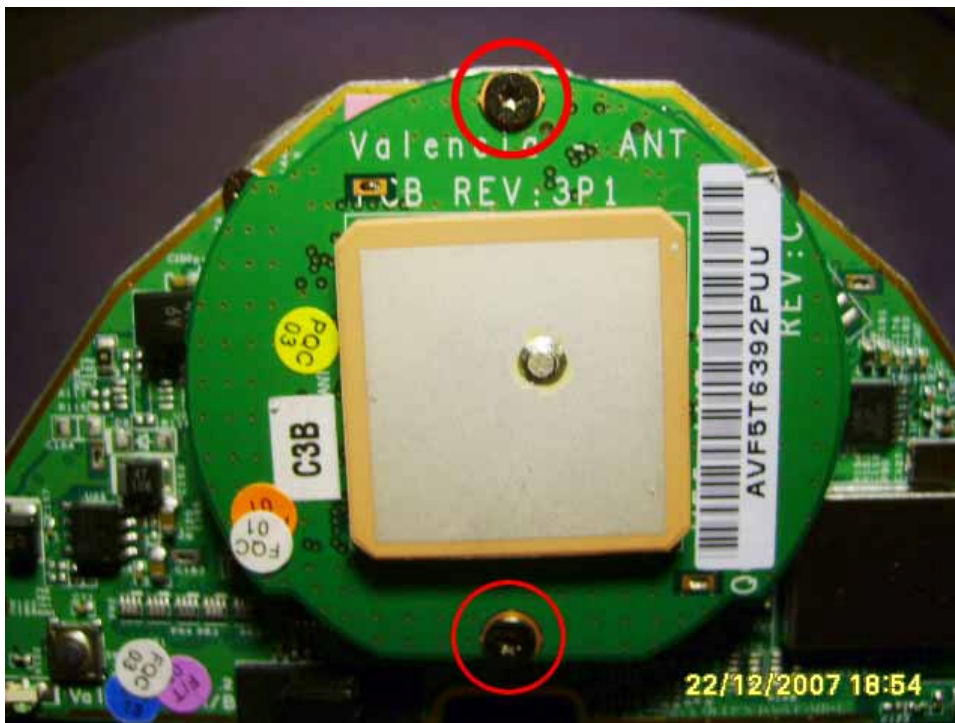


Once all screws are removed, pull the housing upward eventually revealing as shown.

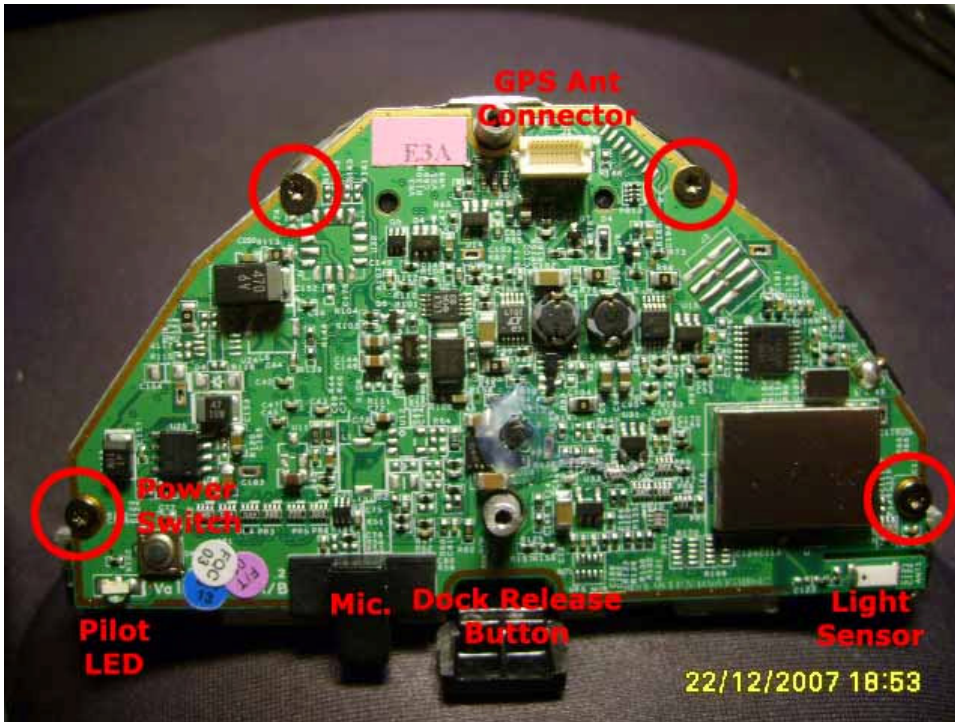


Removing the Electronic Boards

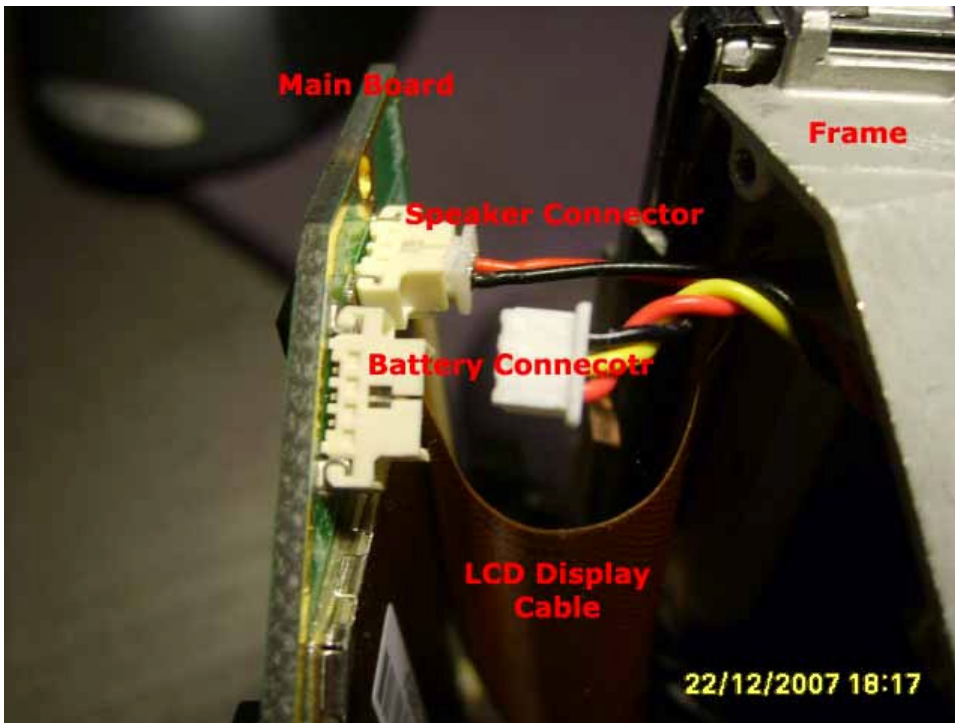
2. Turn the device around (still having the LCD Display facing down) and remove the two screws holding the GPS Antenna Board to the Frame then pull gently in an upward manner to unplug the GPS Antenna Board from the Main Board.



3. Remove the four screws holding the Main Board to the Frame.



4. Gently lift up the Main Board about 1 or 2 cm away from the Frame and unplug both Speaker and Battery Connectors then pull the Main Board further out. **Be careful since the LCD Display Flat Cable and Hard Disk Flat Cable (not shown) are quite short.**

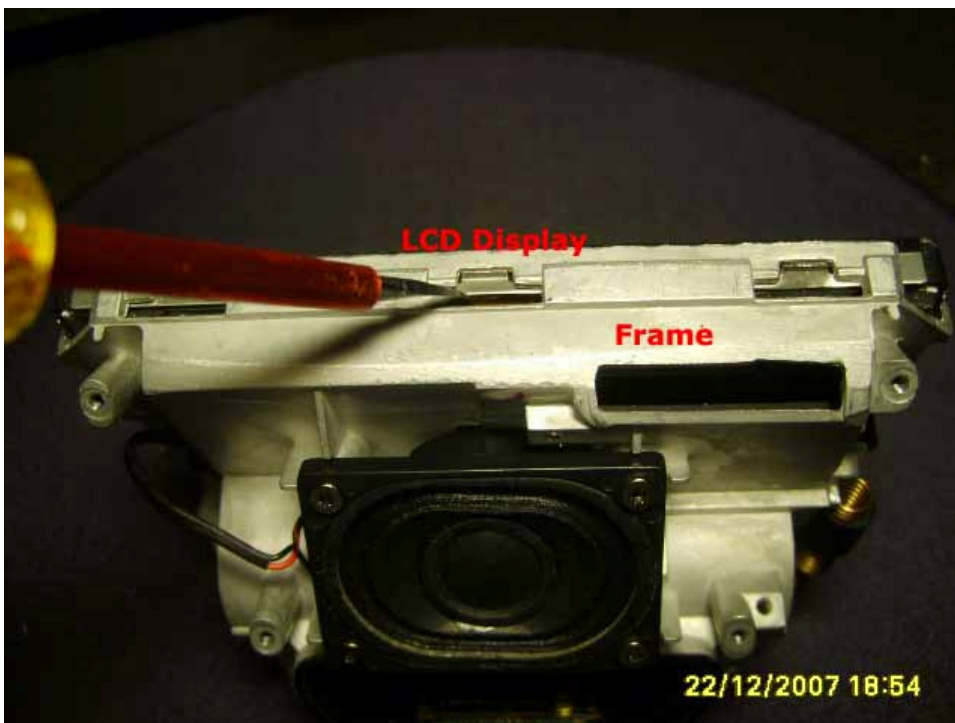


Removing the LCD Display

5. Remove the Rubber Strip glued to the LCD Display Flat Cable/Connector and the Tape on top of the Hard Disk Cable/Connector. *I forgot to take photos of these, sorry.*
6. Unplug the LCD Display Flat Cable by lifting the (brown) Tabs on both ends gently in an upward manner, and then pull the cable away from the connector in a straight fashion. Do the same for the Hard Disk Flat Cable. The Main Board is totally free and can be set aside.

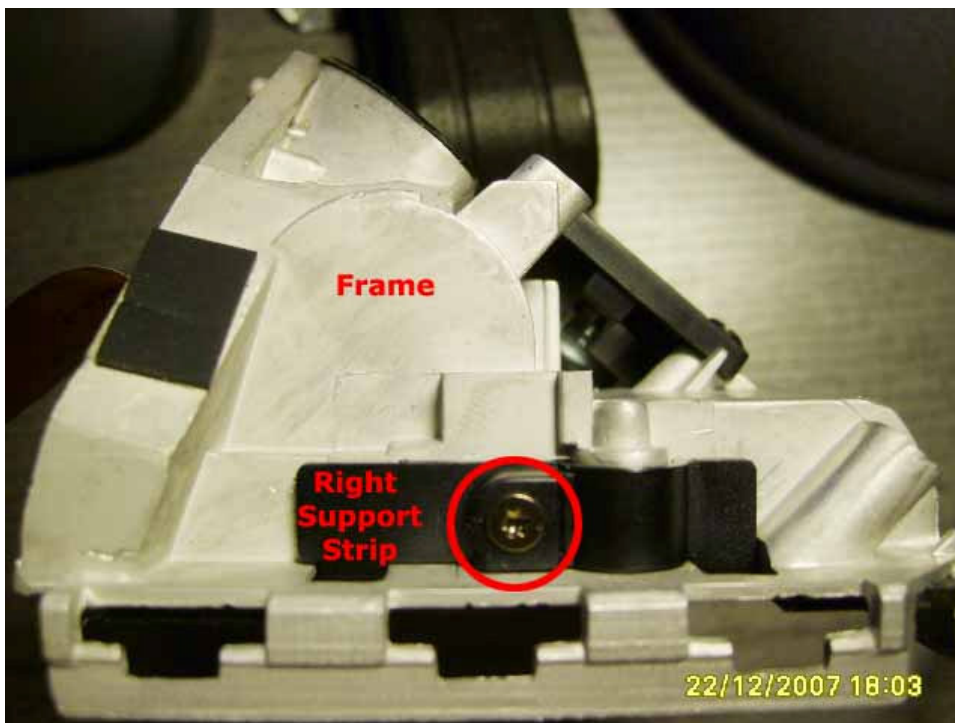
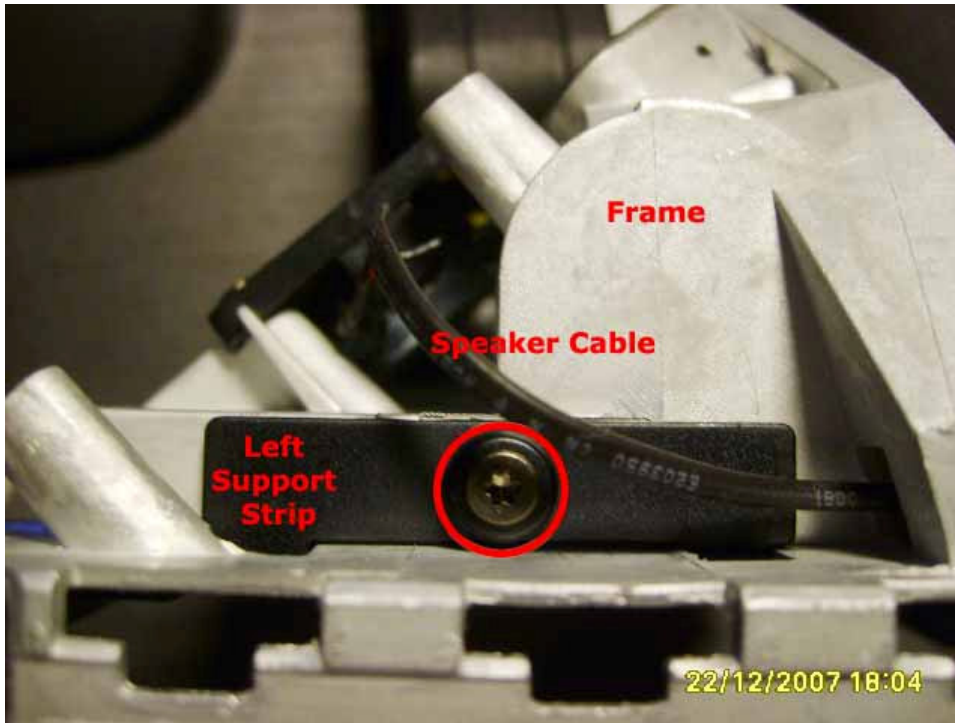


7. Remove the Front Bezel starting from the bottom and then from the sides. *Again, I forgot to take photos of these, sorry.*
8. Gently pry the LCD Display off from the Frame using a flat screw driver. Go around little by little with the screw driver. **Be careful when separating the LCD Display from the Frame since the LCD Display Flat Cable goes through a slot and can get damaged by the sharp edges of the Frame when pulling.**



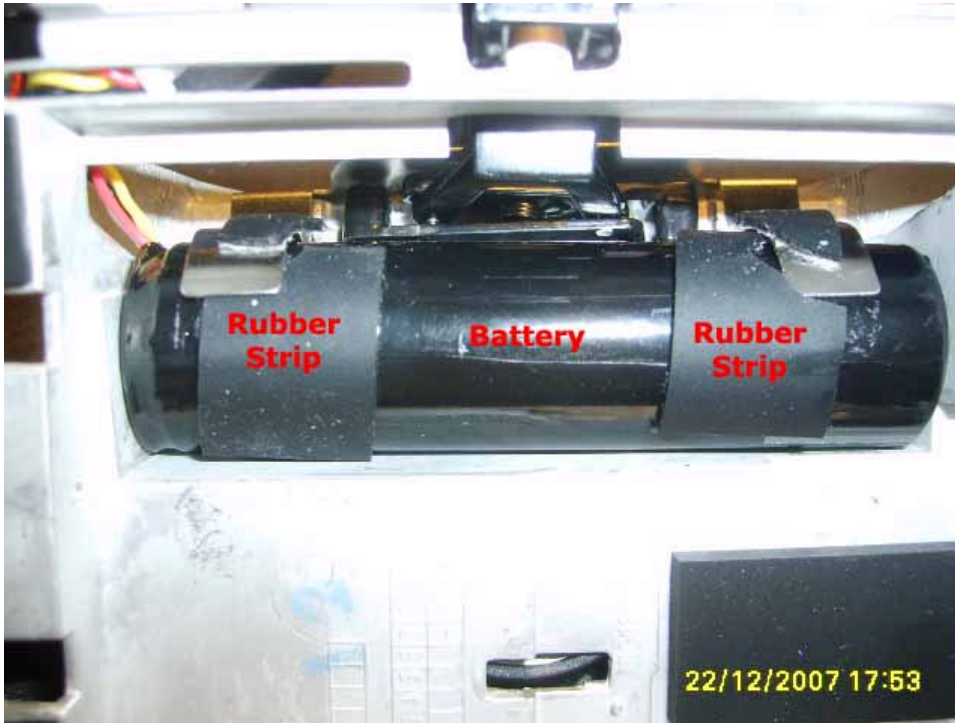
Removing the Hard Disk

9. Unscrew and slide out the Hard Disk Support Strips on both sides of the Frame then pull out the Hard Disk.

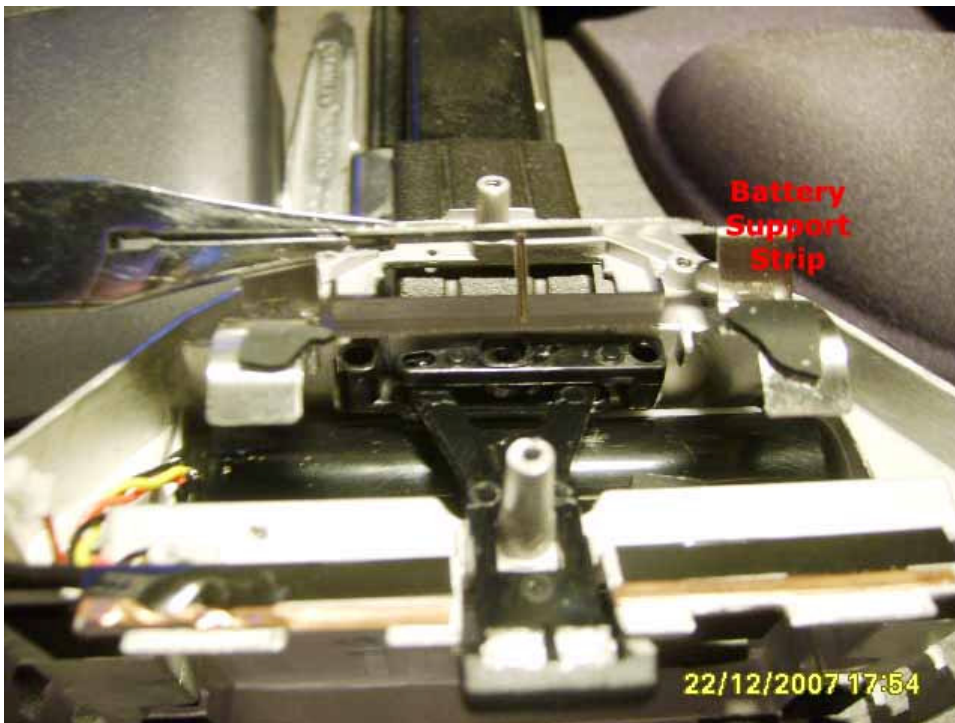


Removing the Battery

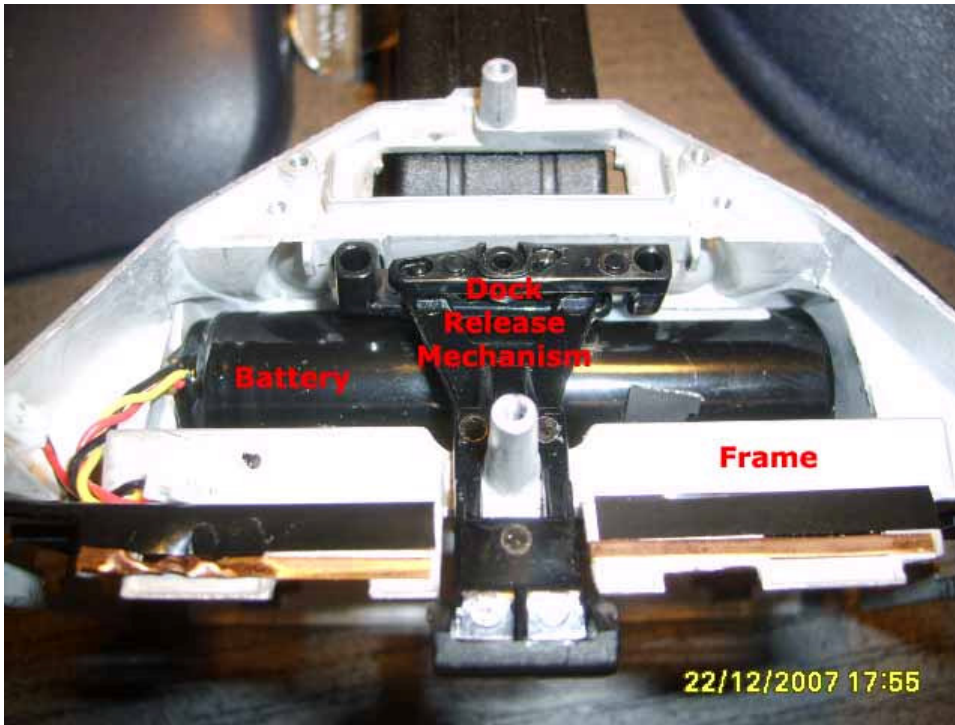
10. Remove the Rubber Strips glued to the Battery and Battery Support Strip. *I pulled out the Battery Support Strip before doing this step and damaged the Rubber Strips. I replaced them with new ones.*



11. Unscrew the Battery Support Strip and lift upward to remove.



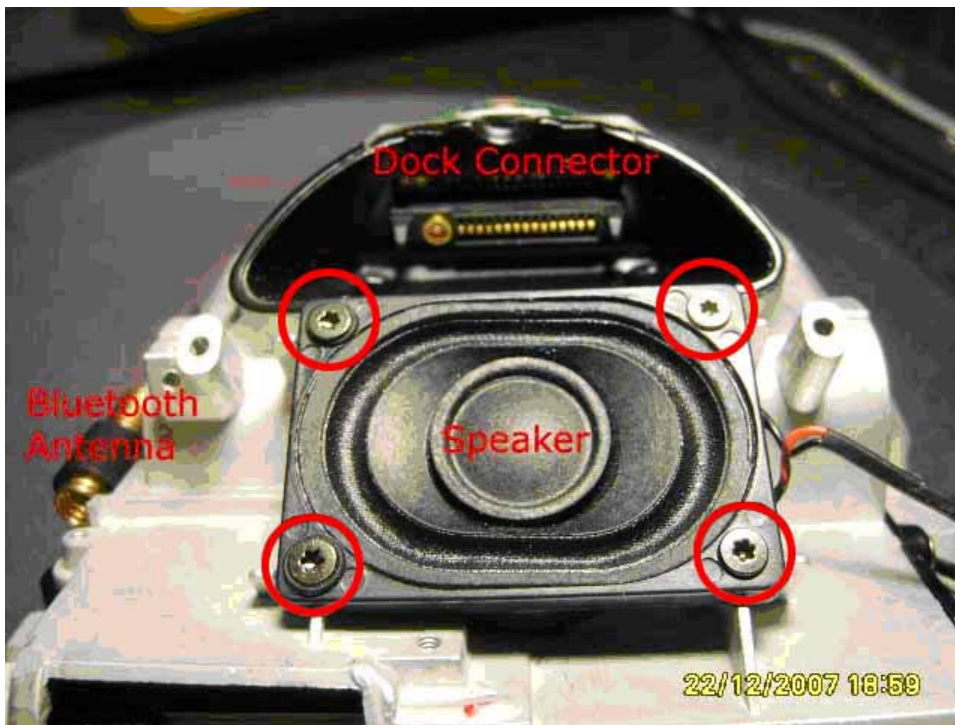
12. Remove the Dock Release Mechanism by pulling upward.



13. The Battery can be removed by pushing it upward from the front side.

Removing the Speaker

14. Remove the four screws holding the Speaker to the Frame. Be careful not to remove the Rubber Grommets from the Speaker. If they were mistakenly removed it is easier to mount them back without the screw in it.



Reassembly

Simply reverse the procedure above.

Notes

1. The Dock Release Mechanism and Battery Support Strip must be properly mounted otherwise it will cause the Main Board to be bent in the middle when screwed to the Frame. Improper mounting of said parts can cause adverse effects. *At one point there was no green in the display.*
2. Once the Battery and LCD Display are reconnected to the Main Board, temporarily attach the GPS Antenna Board (put a small piece of paper in between to avoid any short circuit) and switch on the device to test if everything is working before putting the rest of the parts together. Be sure to wait for a proper GPS signal lock.
3. When mounting the Front Bezel, start from the top then the sides and finally the bottom. The top Tabs go on top of the Frame.

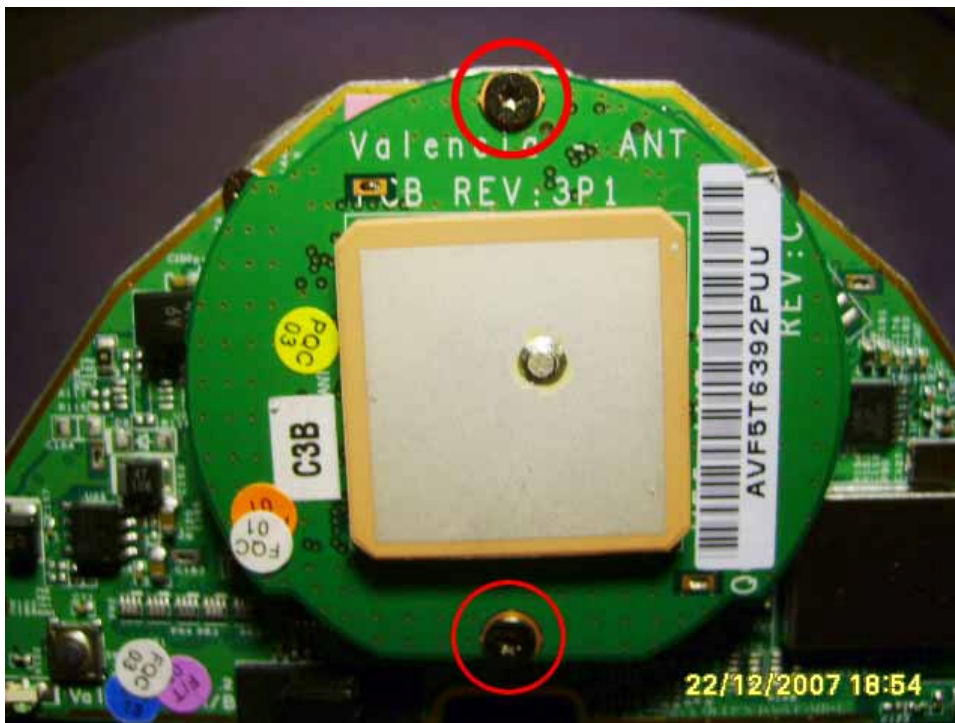


Components

1. Battery



2. GPS Antenna



3. Hard Disk and Flat Cable



4. LCD Display



5. Speaker

