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Technical Note TN9

9th October 2008

F80 Disassembly

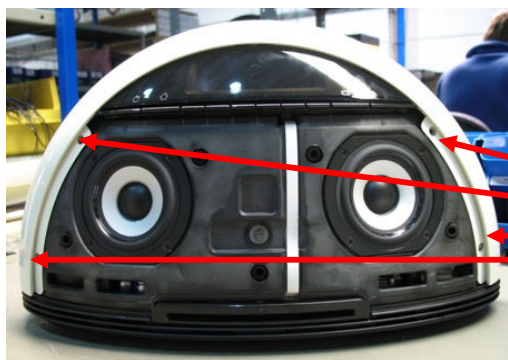
This document shows the steps required to dismantle the Meridian F80 into its main component assemblies.



1. Remove the rear grille by easing it out at the bottom corner.



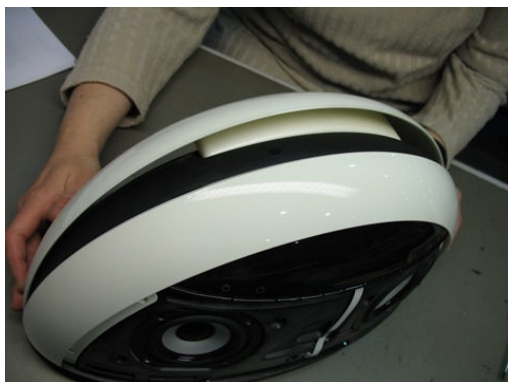
2. Remove the front grille in a similar fashion.



3. Remove these four screws from the front half of the coloured-trim.



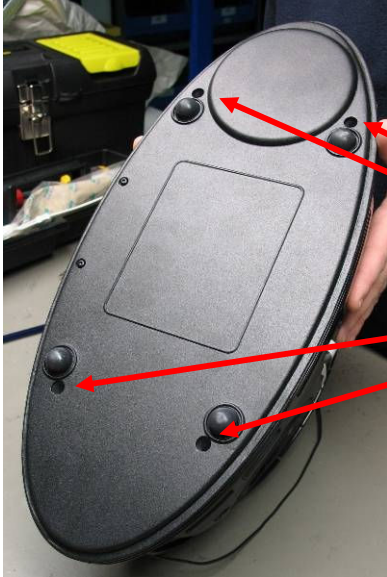
4. Remove these five screws from the rear half of the coloured-trim.



5. Working carefully from one end, ease the two halves of the coloured-trim from the shell.



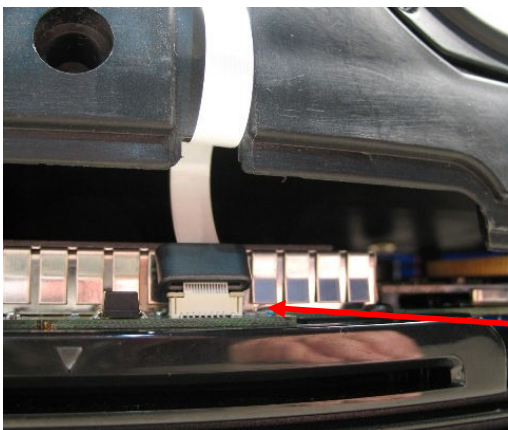
6. Remove the internal ariel (antenna) from the shell.



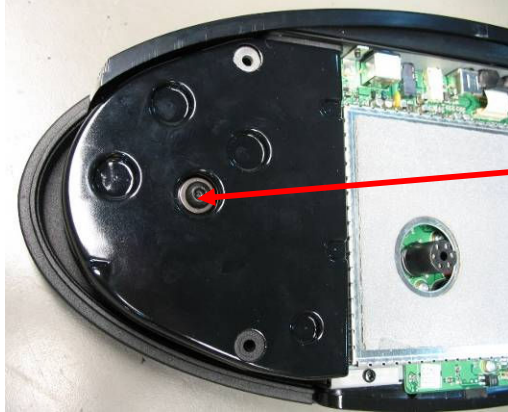
7. Turn the unit over and remove these four screws.



8. Slowly ease the top and bottom sections apart. Start on this side and then move to the other side to release the sections. Care should be taken not to damage the display-loom located on the front of unit.



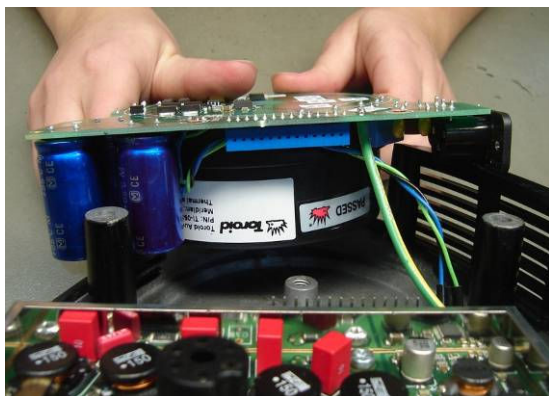
9. Once the two sections have been eased apart, release the display loom from the main board.



10. Remove the bolt which holds the transformer in place.



11. Remove the two screws that hold the mains socket into back panel.



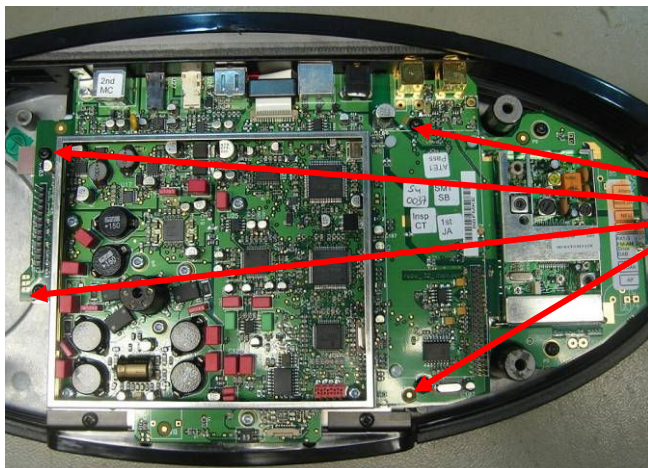
12. Carefully ease the transformer out of the chassis



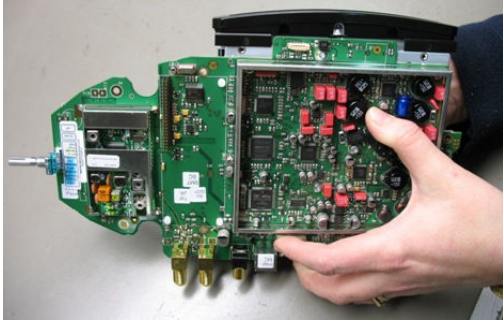
13. Remove the other screws from the rear trim.



14. Remove these two screws from the main PCB.

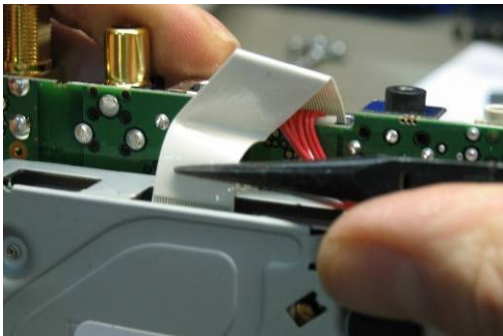


15. Remove these four screws from the main PCB

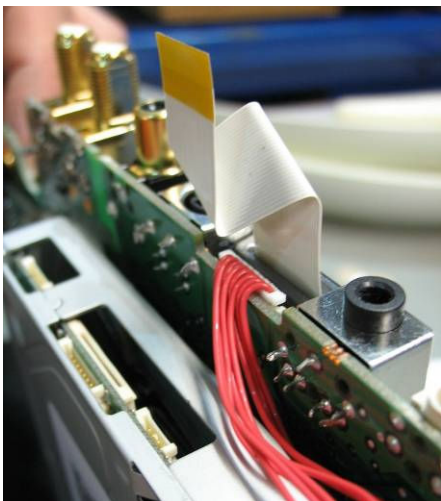


16. The whole main PCB and ROM-drive can now be lifted out of the chassis.

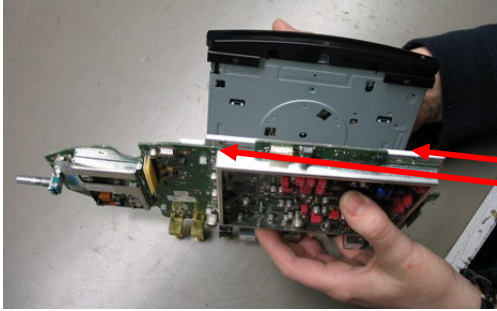
Please note: The 15V regulator is still attached to the chassis.



17. Working carefully, remove the flexible loom from the ROM-drive.



18. Remove this red loom.

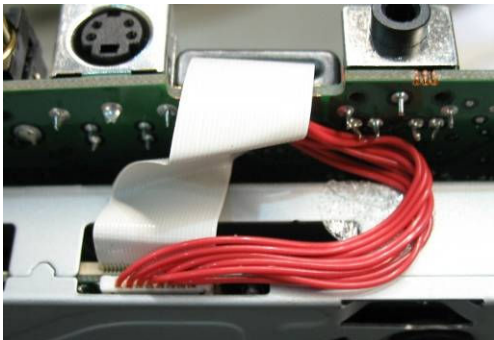


19. Remove these two screws which hold the ROM-drive to the electronics assembly.



20. Remove the front trim

Reassembly tips



1. When reassembling, ensure that these two looms are seated correctly so that they do not foul on the chassis.



2. Align the top-cover so that it does not foul on the front or back trims. Push top-section down to correct position.