






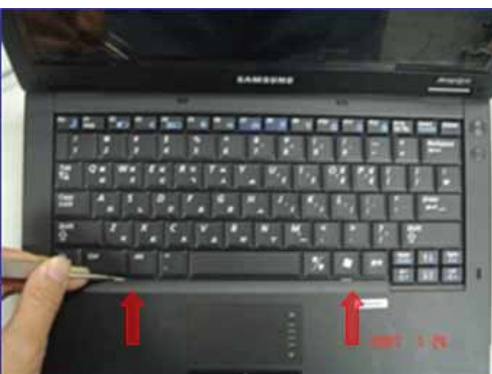


## 4. Disassembly and Reassembly

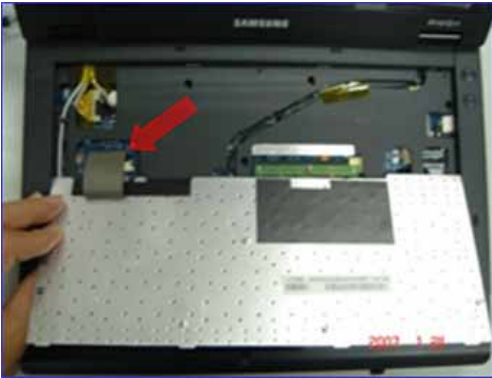



### 4 - 1. Disassembly and Reassembly of Q45

Part Name	Figure	Description
Main System		1. Must remove AC Adapter and Battery when disassembling system. 2. After push knobs to end forward to red arrows and red mark No.1, Push Battery like red mark No.2.
		3. Have Battery with pushing Battery upward.
		4. Remove Bottom Screws. <ul style="list-style-type: none"><li>- M2xL4 : 5 EA (BLUE)</li><li>- M2xL7 : 7 EA (RED)</li><li>- M3xL5 : 2 EA (YELLOW)</li></ul>
		5. Separate HDD DOOR - M2xL7 : 1EA (RED) 6. Separate MEMORY / MINICARD DOOR.




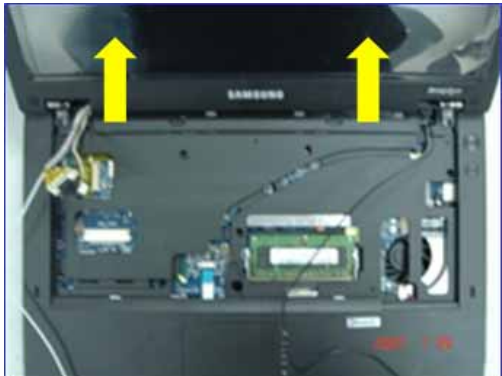
## 4. Disassembly and Reassembly

Part Name	Figure	Description
Main System		<p>7. You can see HDD, removing Door-HDD, And, Pick Insulator and pull it toward to 70° direction than ground with HDD. (And must remove HDD-FPC with operating connector in red circle in pic.)</p> <p><b>*CAUTION</b> Don't pull HDD-FPC with too much force. Must remove HDD before reversing system.</p>
		8. Disassemble ODD like pic.
		9. After removing ODD, remove screws - M2xL7 : 2 EA (RED)
		<p>10. Lift up keyboard after pushing hooks inward with using tweezers.</p> <p><b>* CAUTION</b> Be careful for top scratch when using tweezers.</p>

## 4. Disassembly and Reassembly



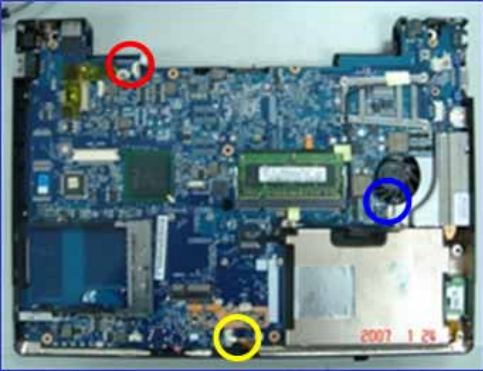

Part Name	Figure	Description
Main System		11. After reversing Keyboard backward like pic. pull out Keyboard FPC with operating Keyboard Connector.
		12. Disassemble Cap-Top using tweezers to middle hole. <b>*CAUTION</b> Be careful for CAP-TOP scratch when using tweezers.
		13. Separate Antenna Cable connector in Wireless LAN module. (Main/AUX)
		14. Pull Antenna Cable toward to bottom middle hole like pic.

## 4. Disassembly and Reassembly


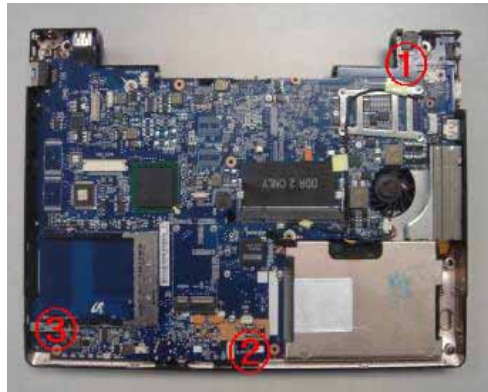
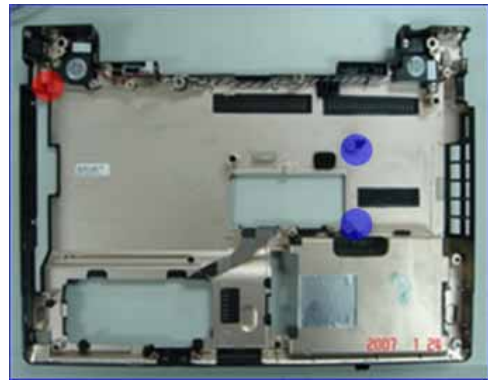
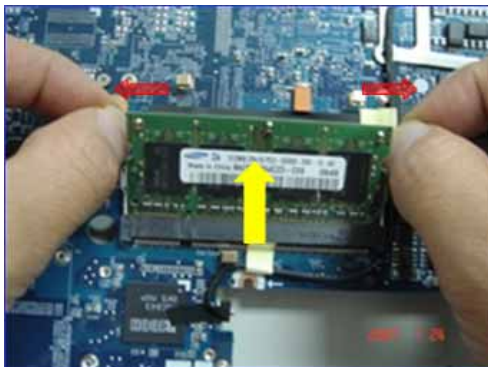
Part Name	Figure	Description
Main System		15. After reversing system, Opening LCD, and pull out Antenna Cable to Top middle hole like pic.
		16. Separate all cables assembled in Top. <ul style="list-style-type: none"><li>- Wireless LAN Cable : WHT/BLK 2 kinds</li><li>- LCD Cable : 1 kind</li><li>- Camera Cable : 1 kind (Option)</li><li>- Wibro Cable : 2 kind (Option)</li><li>- HSDPA Cable : 1 kind (Option)</li></ul>
		17. Remove screws between Hinge and System. <ul style="list-style-type: none"><li>- M2xL7 : 2 EA (RED)</li></ul>
		18. Disassemble LCD A'ssy toward to yellow arrow direction.



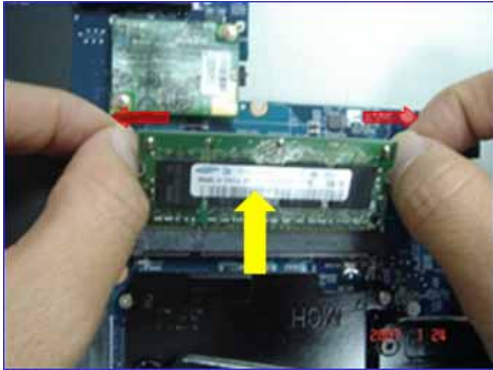


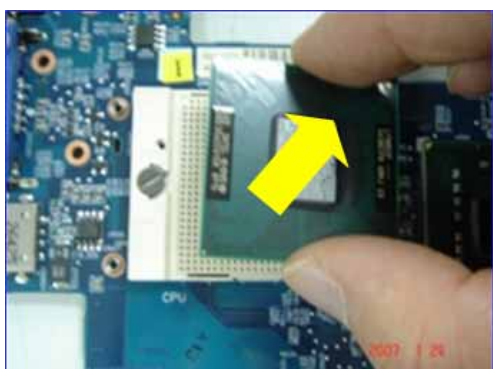
## 4. Disassembly and Reassembly

Part Name	Figure	Description
Main System		<p>19. Separate cables between Main PCB and Top.</p> <ul style="list-style-type: none"> <li>- Ontop Cable : 1 EA</li> <li>- Touchpad FFC : 1 EA</li> </ul>
		<p>20. Disassemble Top. (Must separate MIC cable like pic. first.)</p>
		<p>21. Separate cables between Main PCB and Bottom.</p> <ul style="list-style-type: none"> <li>- Speaker Cable (RED)</li> <li>- FAN Cable (BLUE)</li> <li>- BLUETOOTH Cable (YELLOW)</li> </ul>
		<p>22. Remove screws using assembling Main PCB and Bluetooth Module.</p> <ul style="list-style-type: none"> <li>- M2xL7 : 4 EA (RED)</li> </ul>


## 4. Disassembly and Reassembly

Part Name	Figure	Description
Main System		23. Disassemble Bluetooth Module and Cable.
		24. Disassemble MAIN PCB. 1) Lift up upper right-hand side first 2) Be careful with lower middle ports. 3) Disassemble with carefully for PCMCIA button in lower left-hand side.
		25. Remove screws for fixing FAN - M2xL4 : 2 EA (BLUE, FAN part) 25-1. Remove upper left-hand side screw. (For DMB option) - M2xL4 : 1 EA (RED, DMB PORT part)
		26. Separate Memory of MAIN PCB topside. (1st, push side pin toward to each outside direction, 2nd, Memory module lift up automatically, 3rd, pick memory and pull out.)

## 4. Disassembly and Reassembly


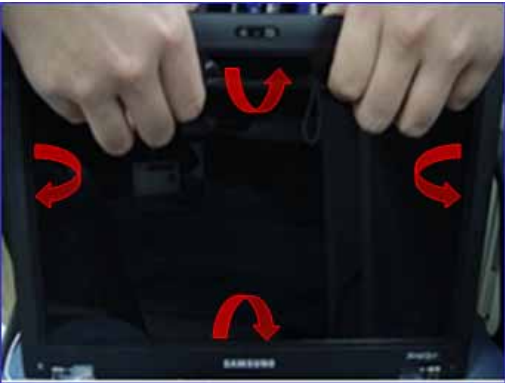

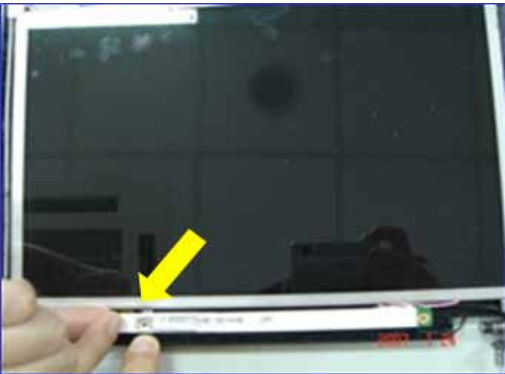
Part Name	Figure	Description
Main System		27. Reverse Main PCB backward, Separate Memory of MAIN PCB bottomside. (1st, push side pin toward to each outside direction, 2nd, Memory module lift up automatically, 3rd, pick memory and pull out.)
		28. Disassemble RHE. - Special Screw (Inside RHE) : 4 EA (RED) - M2xL6 : 3 EA (YELLOW)
		29. Twist Screw in CPU socket 180 degree rotating to (-) direction with driver.
		30. After check combination loosen, separate CPU. <b>(Be careful with bending of CPU pin.)</b>

4. Disassembly and Reassembly

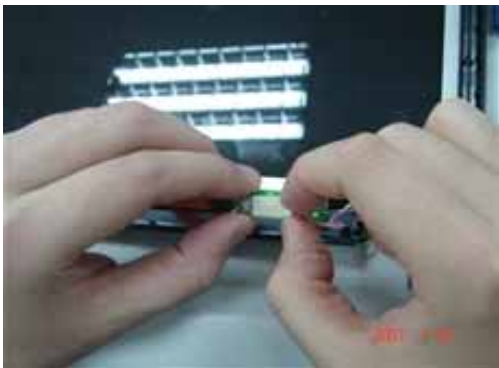

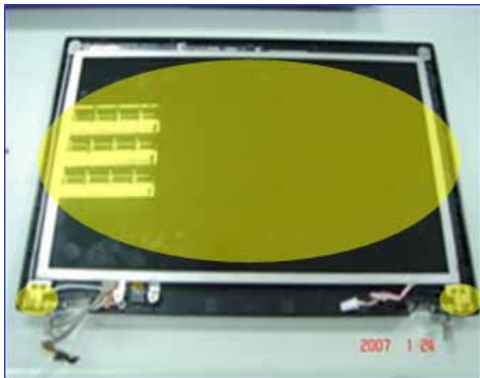

Part Name	Figure	Description
Main System		31. Separate Wireless LAN Module with pushing side pin toward to red arrow direction like pic.






## 4. Disassembly and Reassembly

Part Name	Figure	Description
LCD Ass'y		<p>1. 1st, Remove 4 Rubber-Front and 2nd, Remove 4 screws.</p> <ul style="list-style-type: none"> <li>- M2xL4 : 2 EA (Upper side, BLK) (YELLOW)</li> <li>- M2xL6 : 2 EA (Lower side, WHT) (RED)</li> </ul> <p><b>* CAUTION :</b> Be careful with scratch in LCD-Front when removing Rubber-Front.</p>
		<p>2. Separate lower side of LCD Front Putting in hands between LCD Panel and LCD Front.</p> <p>3. Separate left and right side with the same way.</p> <p>4. Separate upper side with the same way.</p> <p><b>*CAUTION</b> Don't get in too much force with disassembling LCD Front.</p>
		<p>5. Remove 3 screws.</p> <ul style="list-style-type: none"> <li>- M2xL4 : 3 EA (RED)</li> </ul>
		<p>6. Separate LCD Cable and inverter b'd connector like pic.</p>


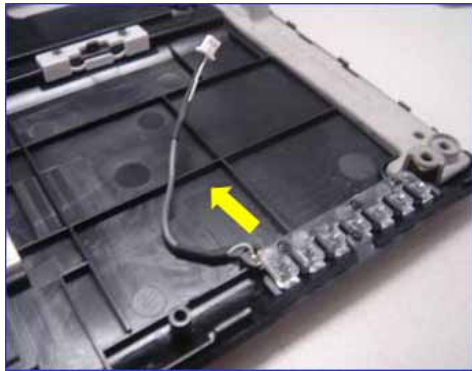


## 4. Disassembly and Reassembly

Part Name	Figure	Description
LCD Ass'y		7. Disassemble Inverter B'd like pic. (Must separate Inverter B'd and LCD Panel's cable first.)
		8. Remove screws for hinges. (Only 6 black color screws.) - M2xL4 : 6 EA (YELLOW)
		9. Disassemble Hinge L/R and LCD Panel.
		10. Disassemble Bracket-Upper.

## 4. Disassembly and Reassembly




Part Name	Figure	Description
LCD Ass'y		11. Disassemble Wireless Antenna. (the same with right side) 11-1. In case of Camera, as the same method, disassemble Camera Module and Cable all. (For Camera Option)
		12. Reverse LCD Panel, Remove tapes at point of no.1 and no.2.
		13. Separate LCD Cable to pull toward to red arrow direction like pic.

## 4. Disassembly and Reassembly

Part Name	Figure	Description
TOP Ass'y		<b>1. Remove screws for ONTOP B'D and BRACKET TOUCHPAD.</b> <ul style="list-style-type: none"><li>- M2xL4 : 1 EA (YELLOW)</li><li>- M2xL3 : 2 EA (RED)</li></ul>
		<b>2. Separate MIC.</b>
		<b>3. Separate ONTOP B'D and Cable.</b>
		<b>4. Separate Touchpad FFC.</b>



## 4. Disassembly and Reassembly

Part Name	Figure	Description
TOP Ass'y		5. Disassemble BRACKET-TOUCHPAD.
		6. Disassemble Touchpad-B'D.
		7. THE END.