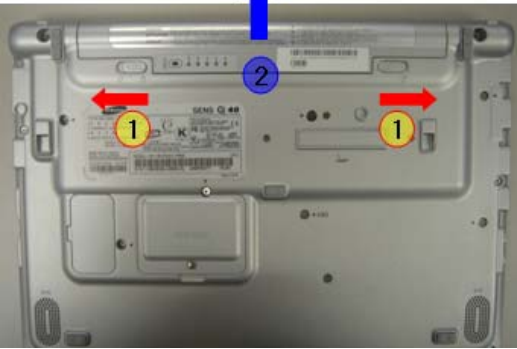
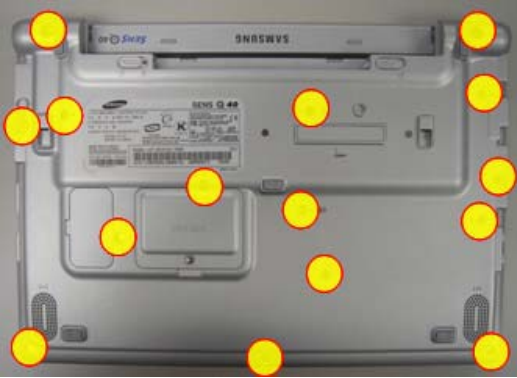








#### 4. Assembly and Disassembly





##### 1) Q40 Assembly and Disassembly

Part	Picture	Description
Main System		<p>1. Separate the AC adapter and the battery certainly before disjoint system.</p> <p>2. Push out the battery on like figure 2 after have pushed latches with figure 1 to both side</p>
		<p>3. Remove the Bottom Screws.</p>
		<p>4. To remove the Keyboard, lift the hook up.</p>
		<p>5. Pull out the FPC after lift the Connector Lock.</p>

#### 4. Disassembly and Assembly





Part	Picture	Description
Main System		6. Remove the Thermal Plate의 Screw (4ea).
		7. Remove the Hinge Cap by using the tweezers.
		8. Remove the screws(2EA) and LCD cable screw(1EA) at yellow circle that combine Hinge and Top.
		9. Pull out the LCD cable and detach the LCD Assy  (▲ Caution : When separate the Antenna cable first separate antenna from Bottem by using tweezers then separate each antenna by using hand cautiously)

#### 4. Disassembly and Assembly

Part	Picture	Description
Main System		<p>10. After separating the LCD Assy, remove the 3 in 1 Dummy card and TOP screw(2 EA).</p>
		<p>11. Lift up the HDD Connector then separate HDD FPC and HDD</p>
		<p>12. Separate the TOP and Bottom pulling out the TOP like arrow direction.</p> <p>(▲ Caution : Separate the Top cautiously not to be broken.)</p>
		<p>13. Separate the Touchpad FPC from Main Board's Connector</p>




이 문서는 삼성전자의 기술 자산으로 승인자만이 사용할 수 있습니다.  
 This Document can not be used without Samsung's authorization.

#### 4. Disassembly and Assembly





Part	Picture	Description
Main System		14. Disassemble the Power, Bluetooth, Speaker, RTC Batt, Wireless Lan, cable of Docking Connector (reference the blue mark).
		15. Remove the Screws of Option board(8EA)
		16. This is the picture of disassembled material
		17. Remove the screws(5 ea) which assemble the bottom and main board And remove the docking connector also

이 문서는 삼성전자의 기술 자산으로 승인자만이 사용할 수 있습니다.  
 This Document can not be used without Samsung's authorization.

#### 4. Disassembly and Assembly


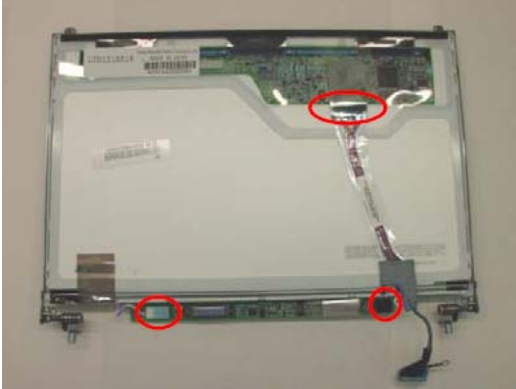
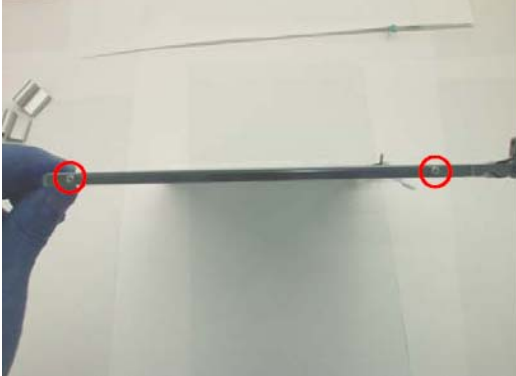

Part	Picture	Description
Main System		18. This is the picture of detached main board from bottom.
		19. This is the picture of detached bottom
		20. This is the picture that separate the docking FPC and speakers

#### 4. Disassembly and Assembly

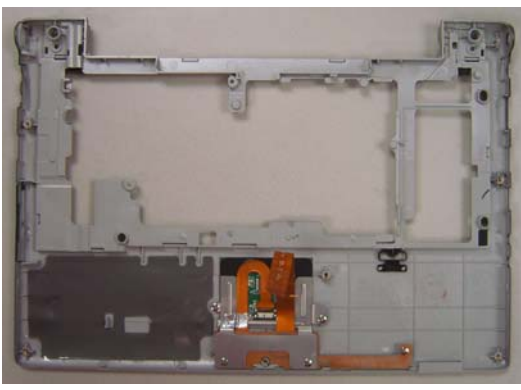
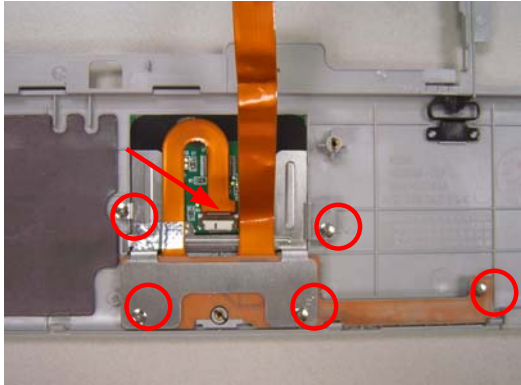
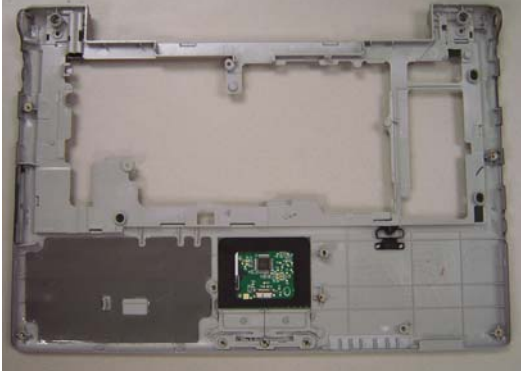
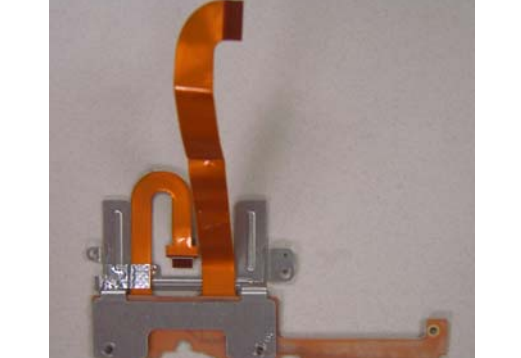
Part	Picture	Description
LCD		<p>1. Removing the Rubber Foot(4EA).                  ( ▲ Caution : be careful occuring the any scratch.)</p>
		<p>2. Remove the screws(4EA) indicated at picture</p>
		<p>3. Lift the LCD front(downward direction) up slowly from the bottom end by using your hand.</p>
		<p>4. Remove the Screws(4EA) which assembled LCD Hinge and screw(2EA) which assembled LCD inverter board and screw(1EA) which assembled LCD cable ring.</p>

이 문서는 삼성전자의 기술 자산으로 승인자만이 사용할 수 있습니다.  
 This Document can not be used without Samsung's authorization.

#### 4. Disassembly and Assembly




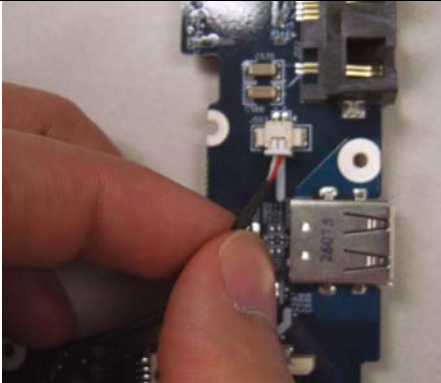
Part	Picture	Description
LCD		5. This is the picture after disassembling
		6. Disassemble the LCD Cable and LCD Invertor
		7. Disassemble the screws(4 EA) which fix the each side of LCD bracket
		8. This is the picture after finishing





#### 4. Disassembly and Assembly



Part	Picture	Description
TOP Assy		<p>1. This is the picture of Top case which is separate from bottom.</p>
		<p>2. Remove the screws(5ea) which fixing Top and LED FPC then lift up the Touch pad connector.</p>
		<p>3. Separated Top.</p>
		<p>4. Separated LED FPC</p>



#### 4. Disassembly and Assembly(Main B'd Modem, Bluetooth 분리)

Part	Picture	Description
Main Board		<p>1. This is the picture of Main Board which is separated from bottom.</p>
		<p>2. Remove the screws(2ea) which is fixing Modem and Bluetooth.</p>
		<p>3. Separate the Modem like the picture.</p>
		<p>4. Separate the Modem cable like the picture.</p>

Part	Picture	Description
		<p>5. Separate the Bluetooth cable like the picture.</p> <p>(⚠ Caution : When separate the cable, be careful do not break down Bluetooth cable.)</p>
Main Board		<p>6. Remove the screw which is fixing the 3 in 1 Board.</p>
		<p>7. Separate the 3 in 1 Board like the picture.</p>
		<p>8. Remove the tape which is attached on the RTC cable.</p>

Part	Picture	Description
		<p>9. Separate the RTC battery cable like the picture.</p>
Main Board		<p>10. Picture of PCB which remove the all items.</p>