

# 11. Disassembly and Assembly Instructions

## 11-1. Disassembly

<div data-bbox="162 294 219 346" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">1</div> <div data-bbox="243 304 787 357" style="border: 1px solid black; padding: 5px;">1) Unscrew 6 bolts.</div> <div data-bbox="316 388 641 1018" style="text-align: center;"> </div>	<div data-bbox="828 294 885 346" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">2</div> <div data-bbox="909 304 1437 451" style="border: 1px solid black; padding: 5px;">                 1) separate the Hook by pushing REAR's sides                  2) Separate REAR after unlocking Hook by using the disassembly tool             </div> <div data-bbox="868 472 1396 1029" style="text-align: center;"> </div>
1) Be careful not to make any scratch or damage on the exterior.	1) Be careful not to make any scratch or damage on the exterior.
<div data-bbox="162 1134 219 1186" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">3</div> <div data-bbox="219 1197 763 1375" style="border: 1px solid black; padding: 5px;">                 1) Separate Volume Key FPCB from Bracket by using tweezers.                  2) Separate Hold Key FPCB from Bracket by using tweezers.             </div> <div data-bbox="186 1396 235 1449" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">1</div> <div data-bbox="186 1459 446 1774" style="text-align: center;"> </div> <div data-bbox="495 1396 544 1449" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">2</div> <div data-bbox="487 1459 747 1774" style="text-align: center;"> </div>	<div data-bbox="828 1134 885 1186" style="border: 1px solid black; padding: 2px; width: 30px; text-align: center; margin-bottom: 5px;">4</div> <div data-bbox="909 1155 1437 1239" style="border: 1px solid black; padding: 5px;">1) Separate Motor from Bracket by using tweezers.</div> <div data-bbox="893 1281 1404 1764" style="text-align: center;"> </div>
1) Be careful not to tear FPCB. 2) Be careful not to make any damage to the Chip parts	1) Be careful not to broken Motor Wire. 2) Be careful not to make any damage to the Chip parts.

**5**

1) Separate Connectors that are built to PBA.

**6**

1) Turn over PBA.  
2) Separate below Key Connector.

1) Be careful not to broken FPCB and Wire.  
2) Be careful not to make any damage to the Chip parts.

1) Be careful not to broken FPCB and Wire.  
2) Be careful not to make any damage to the Chip parts.

**7**

1) In case of wish to separate PBA, first unscrew 2 bolts and separate Connector.

**8**

1) Separate Shieldcan from Clip by using tweezers.  
2) PBA separation picture reference.

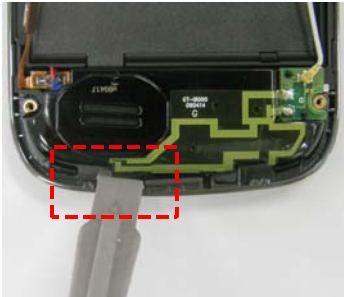
1) Be careful not to broken FPCB and Wire.  
2) Be careful not to make any damage to the Chip parts.

1) Be careful not to broken FPCB and Wire.  
2) Be careful not to make any damage to the Chip parts.  
3) Never separate Shieldcan besides SUB PBA


**9**

1) Separate Speaker from Bracket by using disassembly tool.  
2) Separate Speaker Connector .

**1**





**2**



1) Be careful not to make any damage to the Connector.  
2) Be careful not to tear FPCB.

**10**

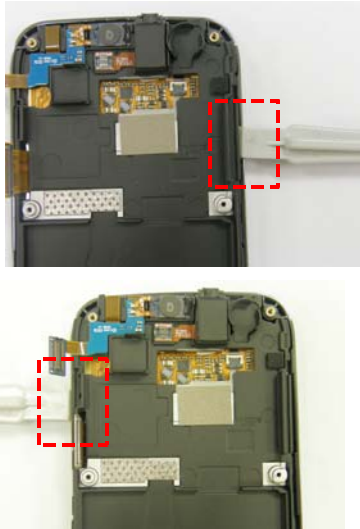
1) Pick up below point by hand and remove.

1) Be careful not to tear Tape.  
2) IMEI Label and PBA should be managed together.

**11**

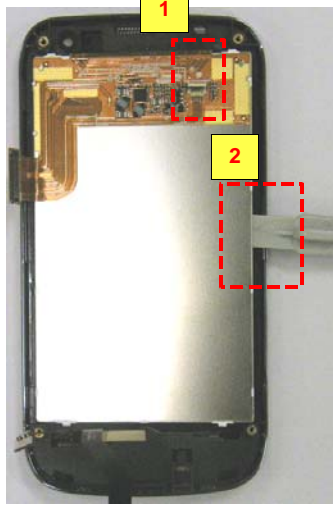
1) Separate Bracket by using disassembly tool.  
- Remove below 2 point Hook.



1) Be careful not to make any damage to the LCD.

**12**

1) Separate TSP Connector.  
2) Separate LCD by using disassembly tool.

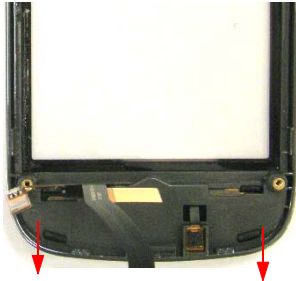


1) Be careful not to make any damage to the LCD

13

- 1) Separate Key pad's Hook by push following the arrow directions below.
- 2) Separate Key pad.

1



2



1) Be careful not to make any scratch or damage on the exterior.

14

- 1) Separate TSP Panel by using disassembly tool.
- 2) Extract TSP FPCB from Front Hole.

1





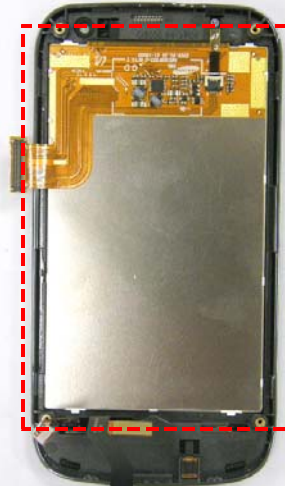
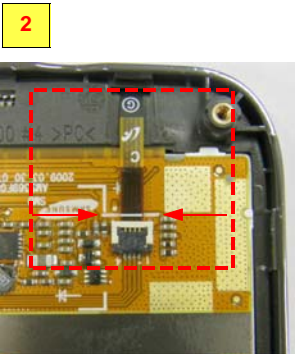

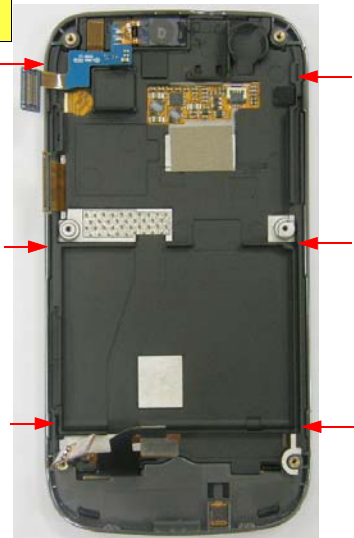


2



1) Be careful not to make any scratch or damage on the exterior.

### 11-2 Assembly

<p><b>1</b></p> <p>1) Push Key Pad's assembly standard RIB to the Front. 2) Press down and assemble Key Pad - When assemble, confirm "Tick" sound.</p> <p><b>1</b></p>  <p><b>2</b></p> 	<p><b>2</b></p> <p>1) Insert TSP FPCB into Front's assembly Hole 2) Attach TSP to the Front exactly.</p> <p><b>1</b></p>  <p><b>2</b></p> 
<p>1) Be careful not to make any scratch or damage on the exterior.</p>	
<p><b>3</b></p> <p>1) Assemble LCD to the FRONT. 2) Assemble TSP FPCB to the Connector.</p> <p><b>1</b></p>  <p><b>2</b></p> 	<p><b>4</b></p> <p>1) Insert LCD Connector into Hole of Bracket. 2) Assemble Hook 6 points after assemble to Front Bracket.</p> <p><b>1</b></p>  <p><b>2</b></p> 
<p>1) Be careful not to bow to the dust and dirt. 2) Check FPCB Assembly line.</p> <p>1) Be careful not to make any damage to the LCD. 2) Be careful not to tear FPCB.</p>	

**5**

1) Fix Camera Key FPCB.  
2) Attach Key FPCB on Bracket.  
3) Attach IMEI Tape on Bracket.

1) Be careful not to tear FPCB.  
2) Confirm whether IMEI Label and PBA are equal.

**6**

1) Assemble Speaker Connector.  
2) Check the assembly state of MIC Holder.  
3) Assemble Hook after push Speaker below from middle.

1) Be careful not to make any damage to the Speaker Connector.  
2) Assemble adjusting Speaker Wire color.

**7**

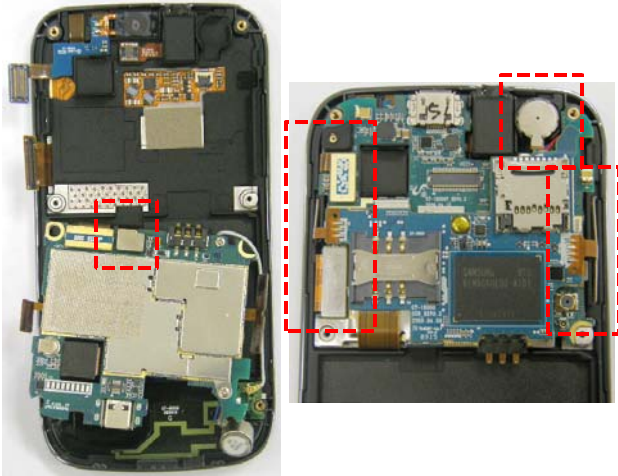
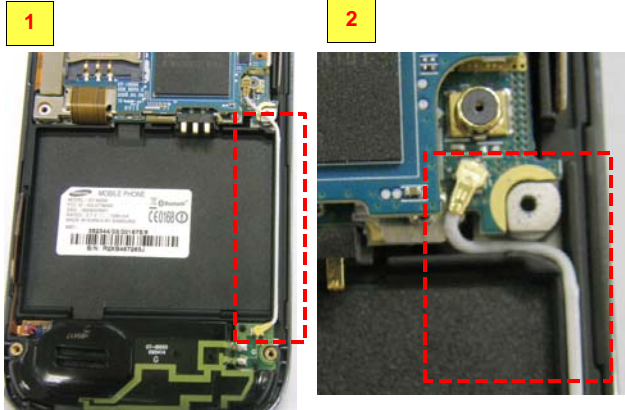


1) Assemble SuB PBA according to Main PBA's Clip position.



1) Be careful not to make any damage to the part.

**8**

1) Screw 2 bolts.  
2) Assemble Connector.

1) Be careful not to make any damage to the part.

<p><b>9</b></p> <p>1) Assemble Key Connector. 2) Attach Motor, Connector, Volume Key FPCB, Hold Key FPCB.</p> 	<p><b>10</b></p> <p>1) Insert Intenna Wire into front groove. 2) Assemble Wire Connector.</p> 
<p>1) Be careful not to make any damage to the part. 2) Be careful not to tear FPCB. 3) Be careful not to insert Connector inaccurately.</p>	<p>1) Be careful not to make any damage to the part. 2) If Wire arrangement is wrong, radiation problem is occurred by chewing wire when Rear is assembled.</p>
<p><b>11</b></p> <p>1) Assemble Camera Connector.</p> 	<p><b>12</b></p> <p>1) Assemble top portion Hook and Volume Key, Hook beside Hold Key. 2) Assemble Camera Key.</p> 
<p>1) Be careful not to make any damage to the part. 2) Be careful not to insert Connector inaccurately.</p>	<p>1) Be careful not to make any scratch or damage on the exterior.</p>

<p><b>13</b></p> <p>1) Assemble both side Hook and lower column Hook.</p> 	<p><b>14</b></p> <p>1) Screw 6 bolts.</p> 
<p>1) Be careful not to make any scratch or damage on the exterior</p> <p>2) Check Gap and Terminal.</p>	<p>1) Be careful not to make any scratch or damage on the exterior</p>

Caution ! Never directly heat to Backup battery by the soldering iron or heat-gun.

"SCREW TORQUE : 1.0 ~1.2"