

9. Disassembly and reassembly

9-1 Disassembly of main unit

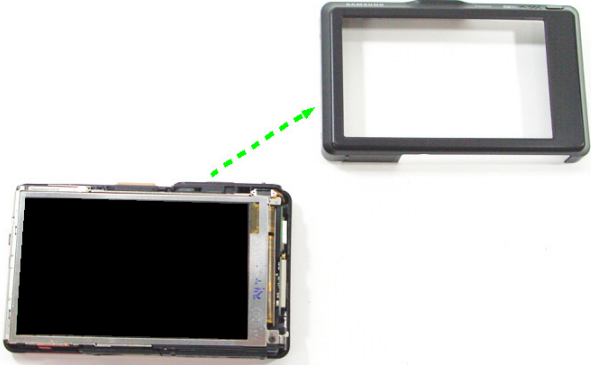
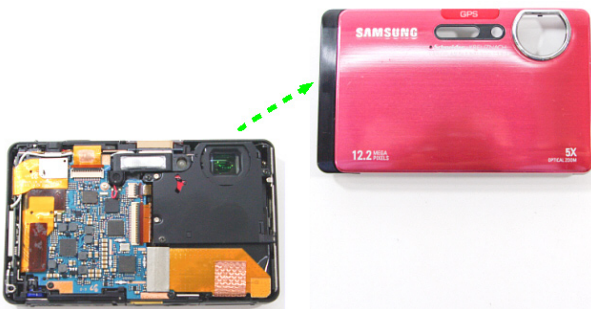
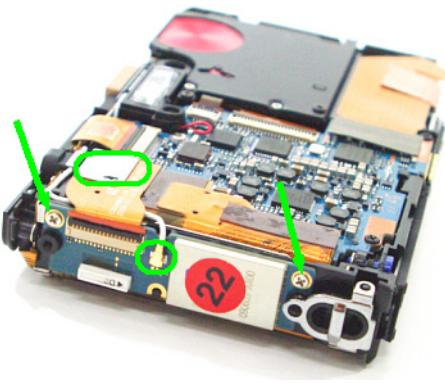
Precaution for disassembly/reassembly

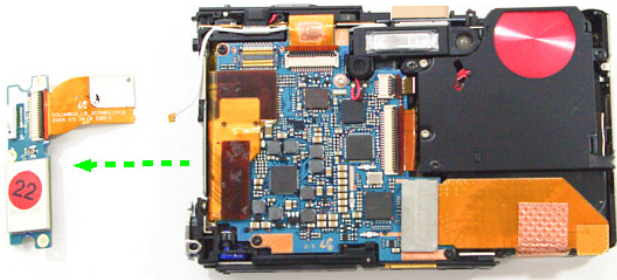
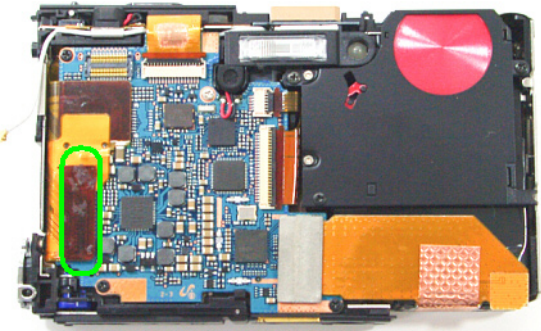
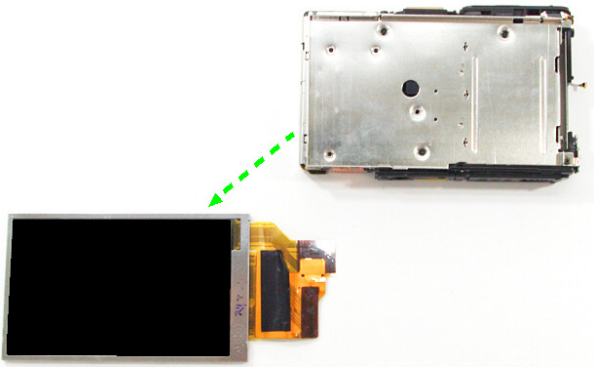
1. Set up the repair table where the anti-static mat is installed to disassemble and reassemble the camera.
2. When handling the key PCB of the camera, wear the anti-static band on the wrist to prevent any error from static electricity.
3. When handling key parts, be careful of the following.

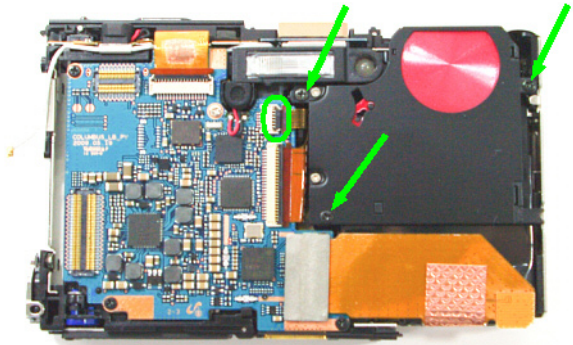
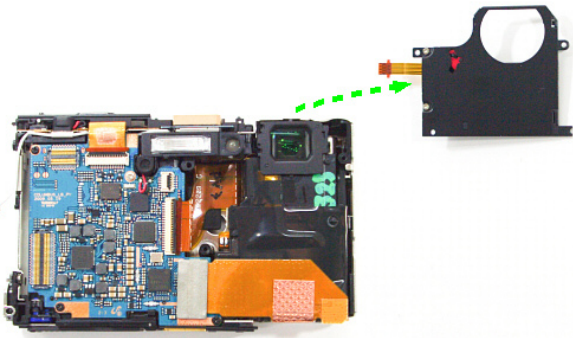
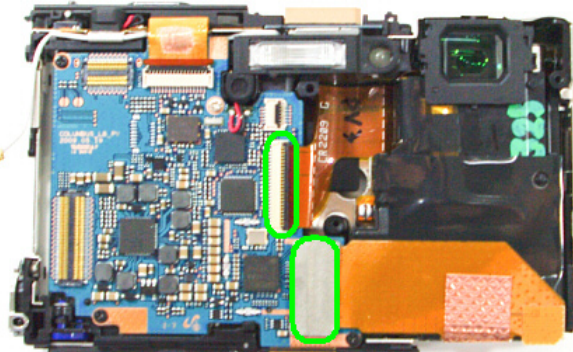
<Table 9-1>

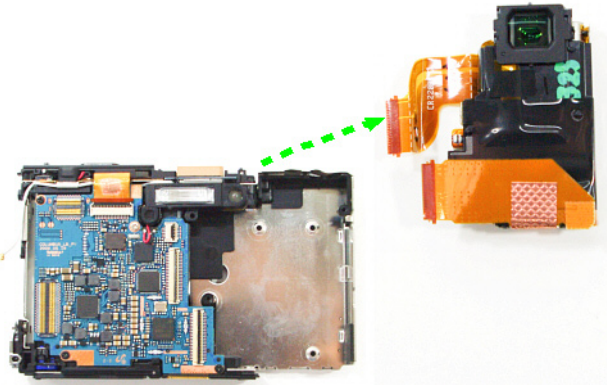
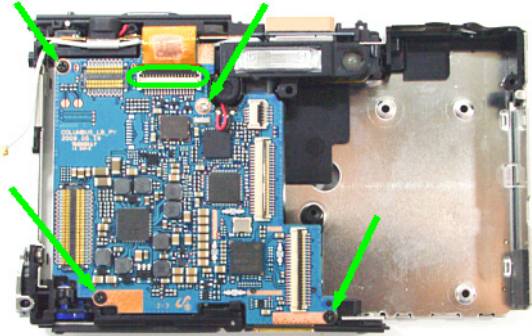
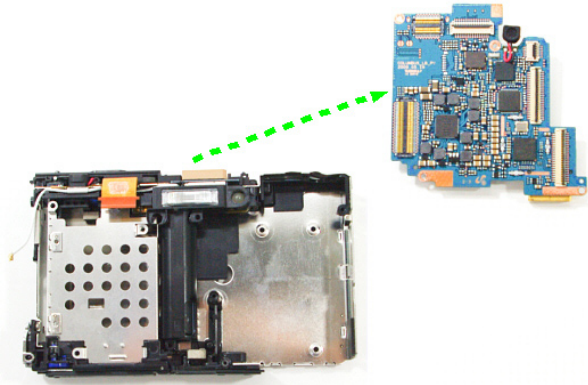
Part	Precaution
F PCB Type	When assembling the F PCB to the CONNECTOR with a pin set, be careful not to cause dents or tears on the PCB.
CCD and IR CUT	When handling the parts, be careful not to leave any fingerprints. Use the pin set with soft tips. When cleaning the parts with alcohol, be careful not to cause any stains. Do the repair work in a dust free environment.
PCB Type	Always use the anti-static mat and wrist band, as the parts can be damaged from static electricity from the hand.
CONTACT Type	Be careful of damage of deformation of parts from the pin set.

No.	Disassembly image	Disassembly description
1		Unscrew 2 Screws.
2		Unscrew 2 Screws.
3		Unscrew 2 Screws.

No.	Disassembly image	Disassembly description
4		Disassemble the BACK COVER ASSY.
5		Disassemble the FRONT COVER ASSY.
6		Disassemble 2 Screws and Connector after GPS Antena wire.

No.	Disassembly image	Disassembly description
7	 The image shows the internal components of a phone chassis. A green dashed arrow points from a small circuit board (PCB) on the left, which has a red circle with the number '22' on it, towards the main motherboard inside the chassis.	Disassemble the PCB
8	 The image shows the internal components of a phone chassis. A green dashed arrow points from a small connector on the left, which is highlighted with a green oval, towards the main motherboard inside the chassis.	Disassemble the LCD Connector.
9	 The image shows the internal components of a phone chassis. A green dashed arrow points from the LCD screen on the left, which is connected to a small circuit board, towards the main motherboard inside the chassis.	Disassemble the LCD.

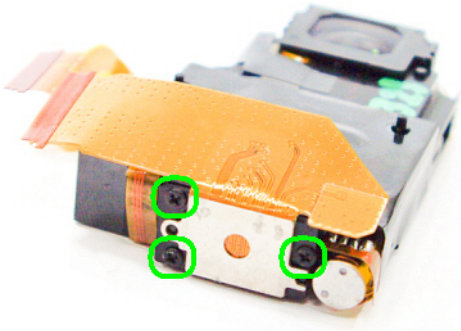
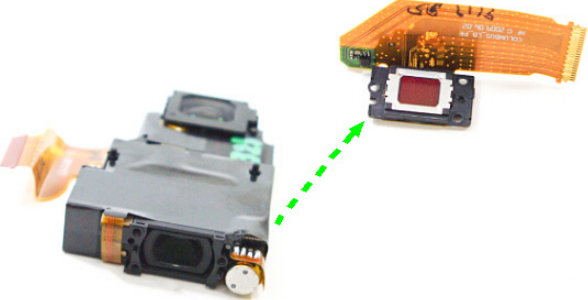
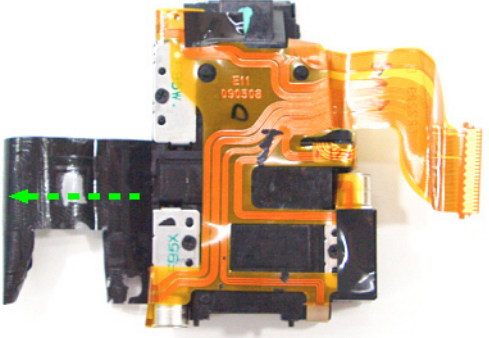
No.	Disassembly image	Disassembly description
10		Disassemble 3 Screws and Connector
11		Disassemble the Lens cap.
12		Disassemble 2 Connectors.

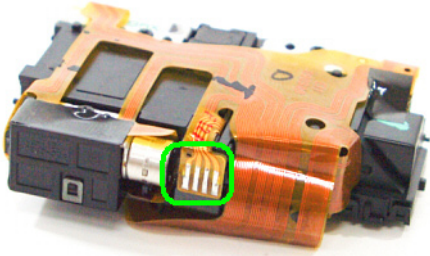

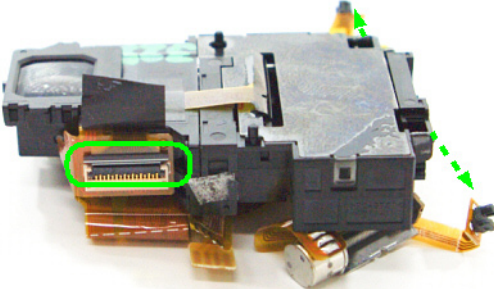
No.	Disassembly image	Disassembly description
13		Disassemble the BARREL ASSY.
14		Disassemble 4 Screws and Connector
15		Disassemble the Main PCB

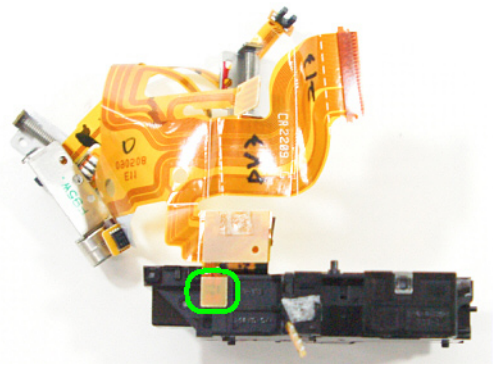
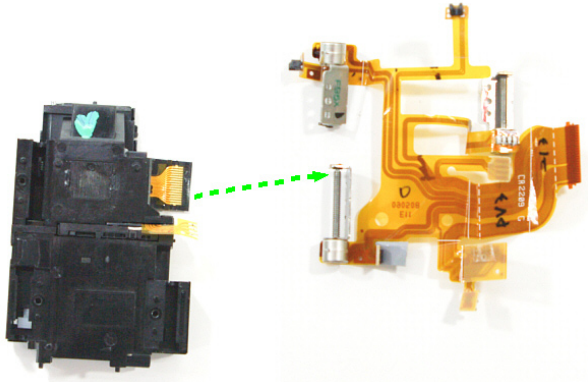
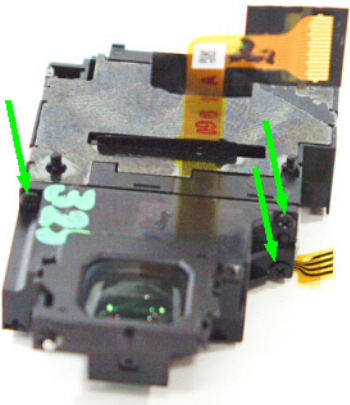
No.	Disassembly image	Disassembly description
16	 A photograph showing two disassembled components of a device. On the left is a large, rectangular main board with various electronic components and a grid of holes. On the right is a smaller, more complex top PCB with various components and a black plastic housing. A green dashed arrow points from the top PCB towards the main board, indicating the direction of disassembly.	Disassemble the Top PCB
17	 A photograph of the top PCB from the previous step. It is shown from a side-on perspective, revealing its internal components, including a battery, a small circular component, and various wires. A single screw on the right side of the PCB is circled in green, indicating the next step in the disassembly process.	Unscrew 1 Screw.
18	 A photograph of the top PCB from the previous step, showing it from a different angle. Two screws on the left side of the PCB are circled in green, indicating the next step in the disassembly process.	Unscrew 2 Screws.

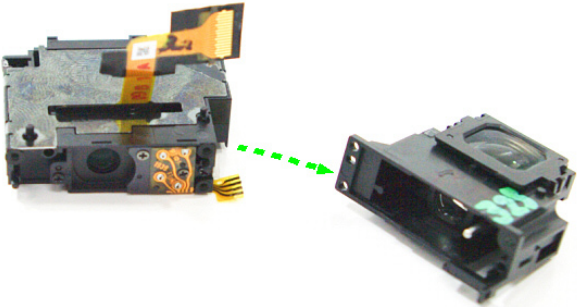
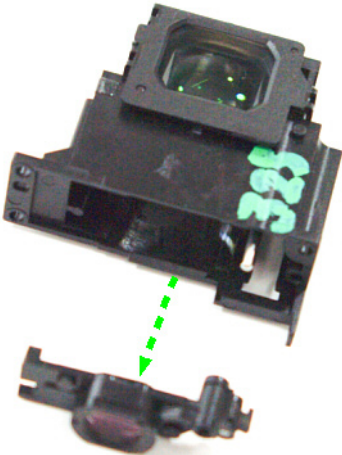
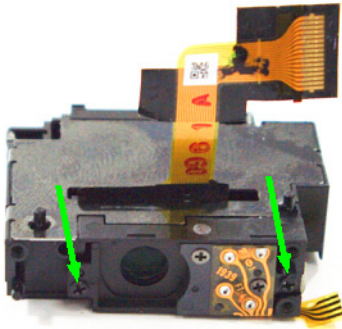
No.	Disassembly image	Disassembly description
19		Disassemble the TOP COVER.

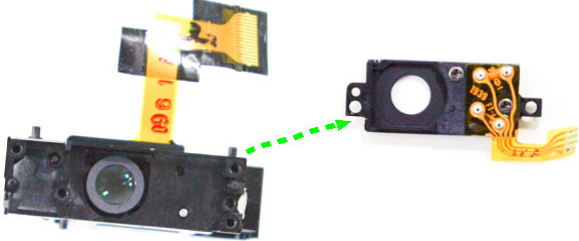
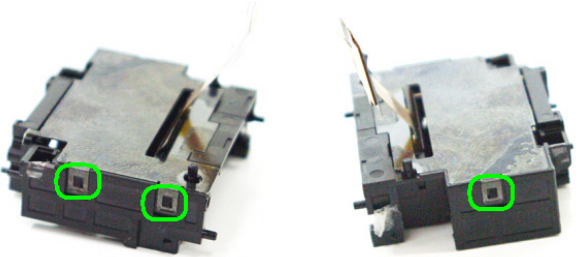
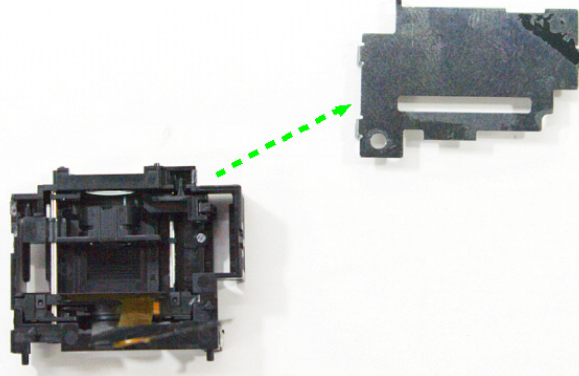
9-2 Barrel disassembly

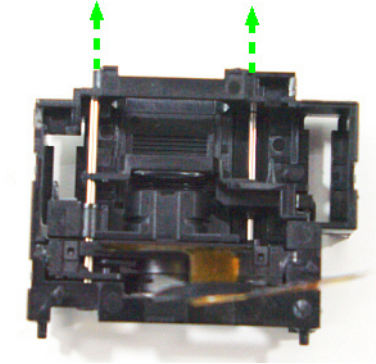
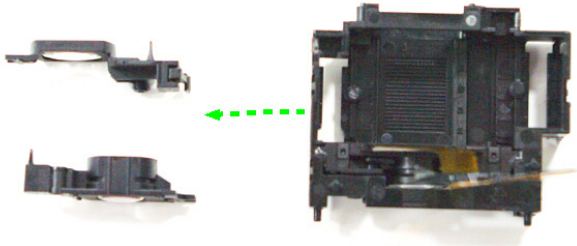
No.	Disassembly image	Disassembly description
1		Unscrew 3 Screws.
2		Disassemble the CCD PCB ASSY.
3		Disassemble the tape.

No.	Disassembly image	Disassembly description
4		Remove the soldering.
5		Unscrew 3 Screws.
6		Disassemble the Connector and 2 Photo Interruptors.

No.	Disassembly image	Disassembly description
7		Disassemble the Connector and 2 Photo Interruptors.
8		Disassemble the FPC.
9		Unscrew 3 Screws.

No.	Disassembly image	Disassembly description
10		Disassemble the FRONT LENS BASE.
11		Disassemble the 1ST LENS.
12		Unscrew 2 Screws.

No.	Disassembly image	Disassembly description
13		Disassemble the ShutterASSY.
14		Disassemble 3 Locks.
15		Disassemble the BARREL PLATE.

No.	Disassembly image	Disassembly description
16	 A photograph of a black plastic camera module assembly. Two green dashed arrows point upwards from the top of the assembly, indicating the direction to remove the GUIDE BAR.	Disassemble GUIDE BAR to the direction shown in the picture.
17	 A photograph showing the disassembly of the 2ND LENS BARREL ASSY. The main camera module is on the right. To its left, two separate lens barrel components are shown. A green dashed arrow points from the main module towards the components, indicating the removal direction.	Disassemble 2ND LENS BARREL ASSY.