

8. Disassembly and reassembly

8.1. Disassembly of main unit





CAUTION

Precaution for disassembly/reassembly

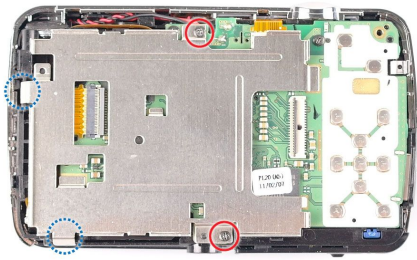
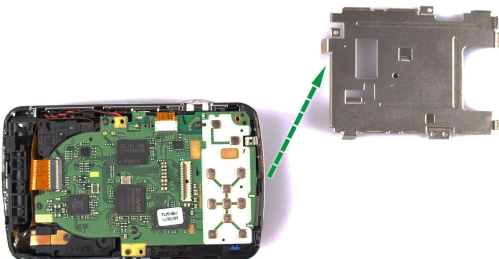
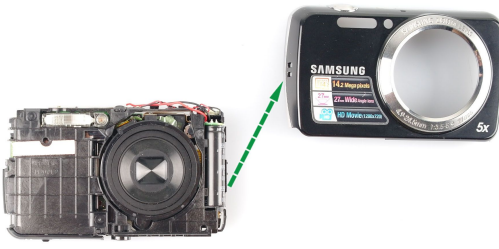
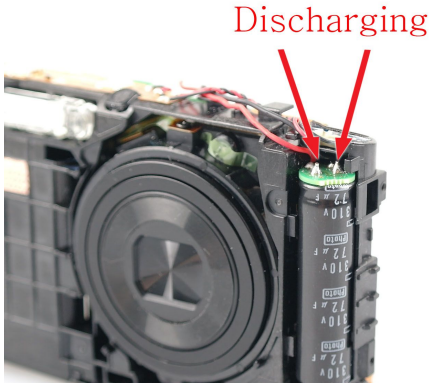
- 1) Set up the repair table where the anti-static mat is installed to disassemble and reassemble the camera.
- 2) When handling the key PCB of the camera, wear the anti-static band on the wrist to prevent any error from static electricity.
- 3) When handling key parts, be careful of the following.

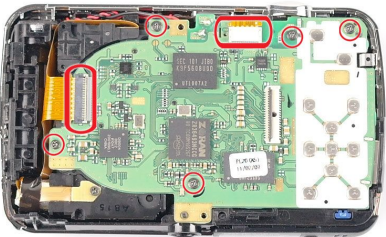
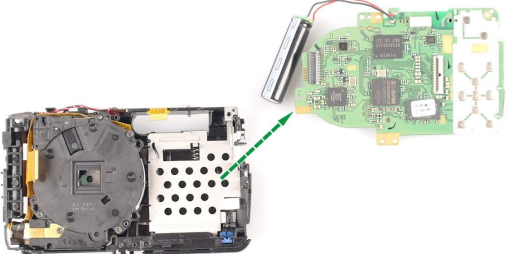
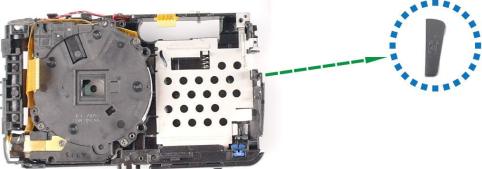
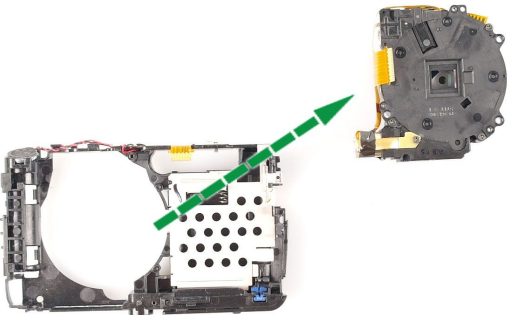
Table 8.1 9-1


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		Remove the two screws.
2		Remove the screw.

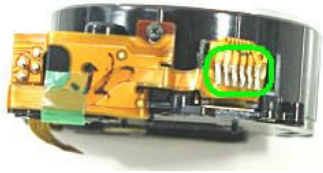


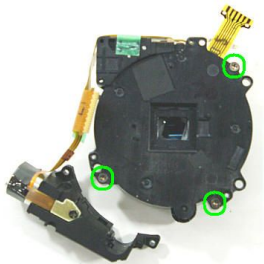
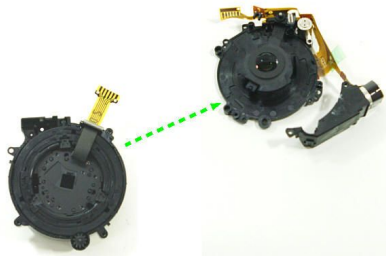
No	Disassembly image	Disassembly description
3		Remove the two screws.
4		Disassemble the BACK COVER ASSY.
5		Disassemble the LCD CONNECTOR.
6		Disassemble the LCD ASSY.






No	Disassembly image	Disassembly description
7		<p>Remove the two screws.</p> <p>CAUTION</p> <p>Use care with two LOCKs when separating LCD FRAME.</p>
8		<p>Disassemble the LCD FRAME.</p>
9		<p>Disassemble the FRONT COVER ASSY.</p> <p>CAUTION</p> <p>Use care with Shutter button of TOP PCB when separating FRONT COVER ASSY.</p>
10		<p>CAUTION</p> <p>Discharge the MAIN CONDENSER as Illustrated.</p>





No	Disassembly image	Disassembly description
11		Remove the five screws and CONNECTOR.
12		Disassemble the MAIN PCB.
13		Disassemble the USB COVER.
14		Disassemble the BARREL ASSY.

No	Disassembly image	Disassembly description
15		Disassemble the TOP PCB ASSY.

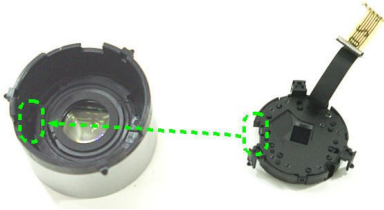


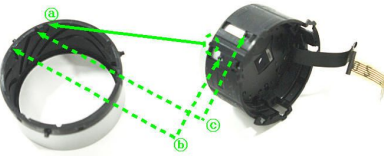

8.2. Barrel disassembly

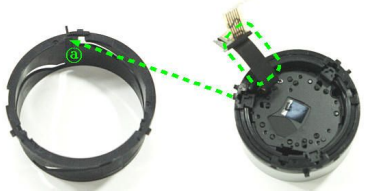
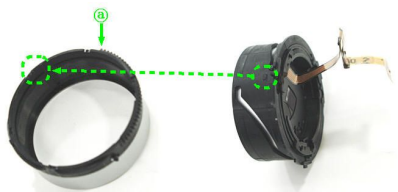

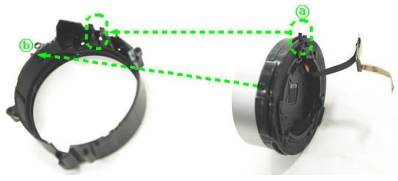

No	Disassembly image	Disassembly description
1		Remove soldering.
2		Remove 1 screw.
3		Remove 3 screws.
4		Remove 3 screws from the lens base assembly.
5		Remove the lens base assembly.

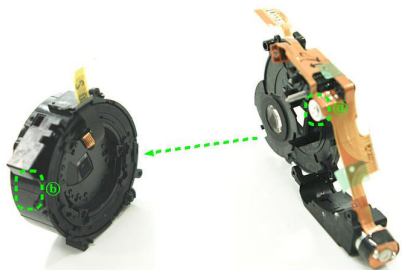


No	Disassembly image	Disassembly description
6		Remove the shutter PCB holder and idle gear.
7		Remove the outer guide barrel by slightly rotating the cam barrel in the counter-clockwise direction as shown in the figure.
8		Remove the Outer Guide Barrel.
9		Remove the Cam Barrel.
10		Remove the Outer Guide Plate Barrel.

No	Disassembly image	Disassembly description
11		Remove the Inner Cam Barrel as shown in the figure.
12		Remove the Inner Cam Barrel.
13		Remove the Guide Plate Barrel.
14		Remove the Shutter Assy.

8.3. Barrel assembly

No	Assembly image	Assembly description
1		Assemble the Zoom Ring Assy and Shutter Assy as shown in the figure.
2		This is the assembled state of the zoom sub barrel assembly..
3		Assemble the "a" and "b" as shown in the figure.
4		While assembling the point "a" in advance by matching as shown in the figure, perform the assembly of "b, c".
5		This is the assembled state of the Inner SUB Barrel Assy.

No	Assembly image	Assembly description
6		<p>Assemble the parts at “a” position on the Outer Guide Plate Barrel.</p> <p>CAUTION Be careful about the location of the shutter PCB.</p>
7		<p>Assemble the CAM BARREL as shown in the figure.</p> <p>CAUTION Be careful about the location of “a.”</p>
8		<p>This is the assembled state of the cam barrel assembly.</p>
9		<p>Assemble to the “b” of the outer guide barrel by matching the point “a” as shown in the figure.</p>
10		<p>This is the assembled state of the Outer Guide Barrel and Idle Gear.</p>

No	Assembly image	Assembly description
11		Assemble the lens base assembly by matching the AF motor “a” to the location of “b”.
12		After repeated test of the zoom up to the TELE, assemble the zoom motor assembly and the connector of the shutter FPCB.
13		This is the assembled state of the barrel assembly.