

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.

Table8.1 9-1

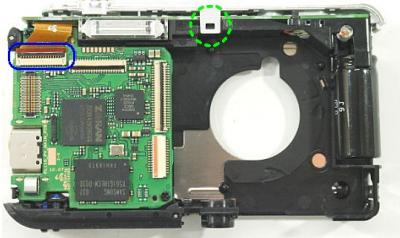
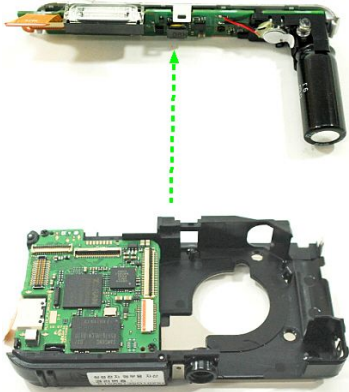
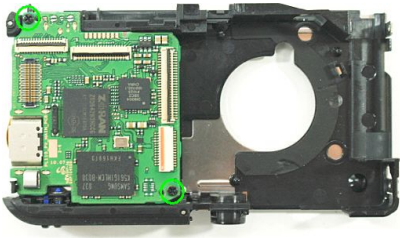
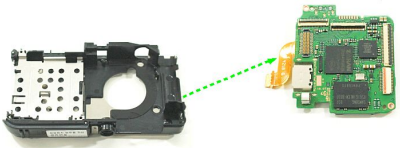
Part	Precaution
F PCB Type	When assembling the F PCB to the CONNECTOR with a pin set, be careful not to cause dents or tears on the PCB.
CCD and IR CUT	When handling the parts, be careful not to leave any fingerprints. Use the pin set with soft tips. When cleaning the parts with alcohol, be careful not 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 2 Screws.
2		Remove 1 Screw.

No	Disassembly image	Disassembly description
3		Remove 2 Screws.
4		Remove the Back Cover Assy.
5		Remove the Side Cover.
6		Remove the 1 Connector.
7		Remove the Front Cover Assy.

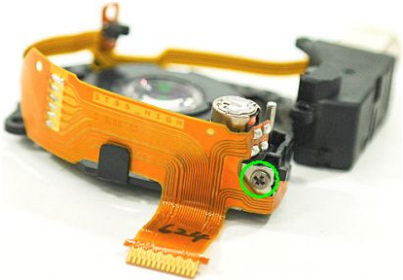
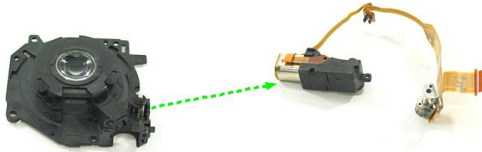


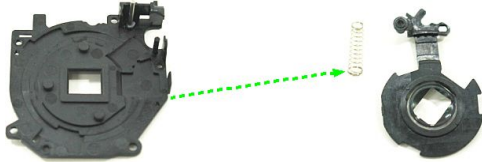

No	Disassembly image	Disassembly description
8		Remove 2 Screws.
9		Remove the 1 Connector.
10		Remove the Key PCB Assy.
11		Remove the 1 Connector.
12		Remove the LCD.

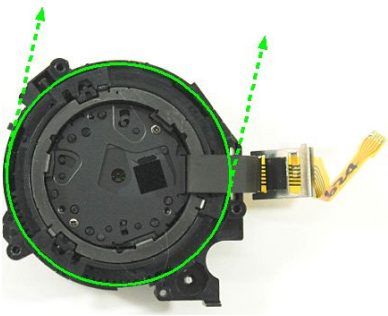
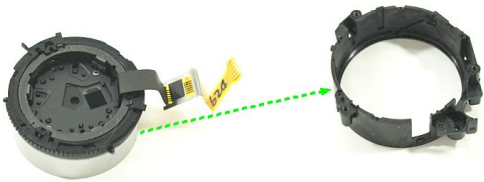
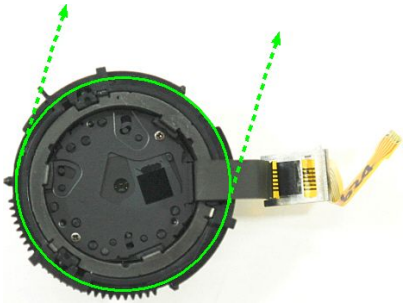
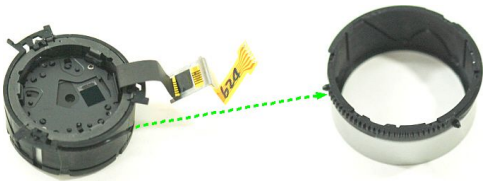
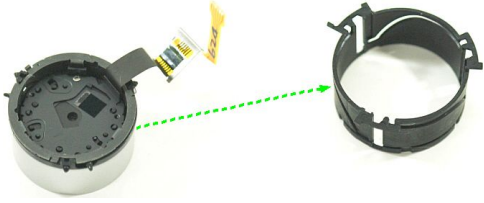
No	Disassembly image	Disassembly description
13		Remove the 2 Locks and 2 Connectors.
14		Remove the Barrel Assy.
15		Remove 3 Screws.
16		Remove the CCD PCB Assy.
17		Remove 2 Screws.

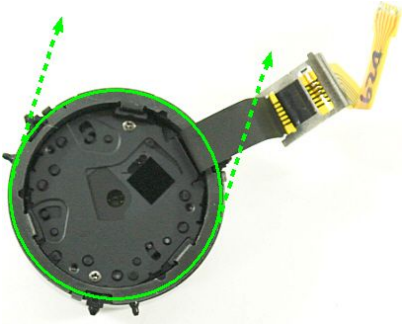
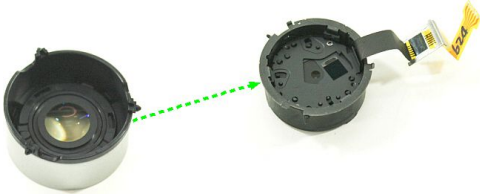

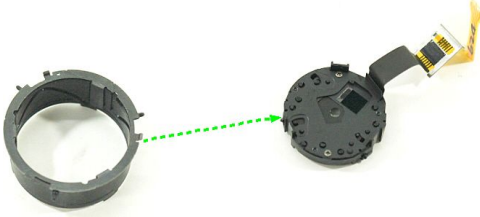
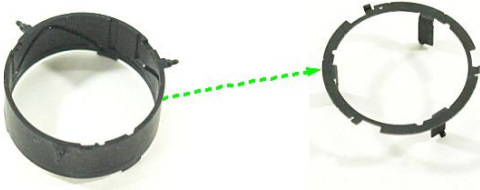
No	Disassembly image	Disassembly description
18		Remove the 1 Lock and 1 Connector.
19		Remove the Top PCB Assy.
20		Remove 2 Screws.
21		Remove the Main PCB Assy.

8.2. Barrel disassembly

No	Disassembly image	Disassembly description
1		Remove the soldering from Shutter FPCB.
2		Remove the 1 Screw.
3		Remove the 2 Screws.
4		Remove the 3 Screws and 1 Lock.
5		Remove the Lens Base Assy.

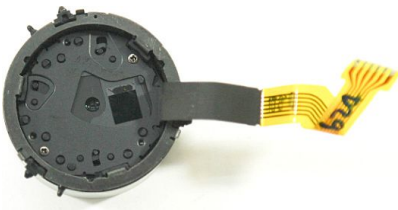
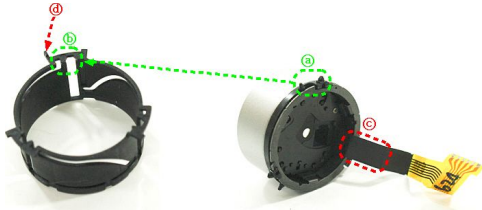

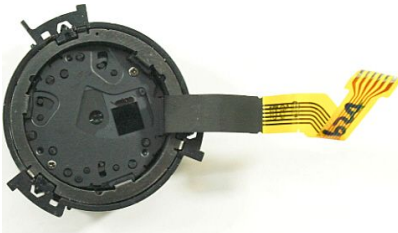
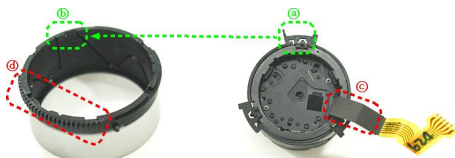


No	Disassembly image	Disassembly description
6		Remove the 1 Screw from Lens Base Assy.
7		Remove the Main FPCB Assy and Zoom Motor Assy.
8		<p>Separate the 3rd sub barrel assembly while slightly moving to the arrow direction as shown in the figure.</p> <div data-bbox="852 1128 1461 1240">  CAUTION Be careful about the spring. </div>
9		This is the Separate state of the spring and 3rd sub barrel assy.
10		Remove the Shutter FPCB Holder.

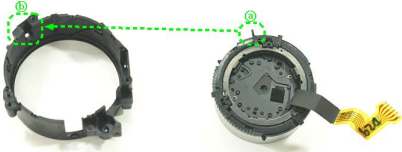

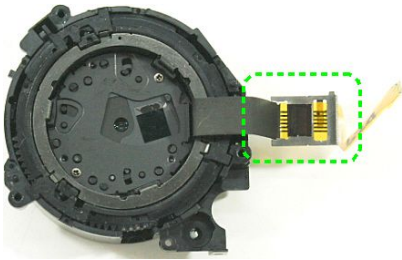
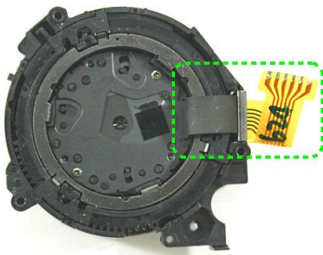

No	Disassembly image	Disassembly description
11		Remove the Outer Guide Barrel.
12		Remove the Outer Guide Barrel.
13		Remove the Outer Cam Barrel.
14		Remove the Outer Cam Barrel.
15		Remove the Outer Guide Plate Barrel.


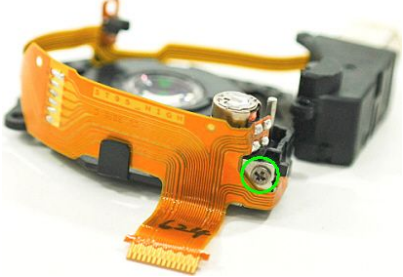
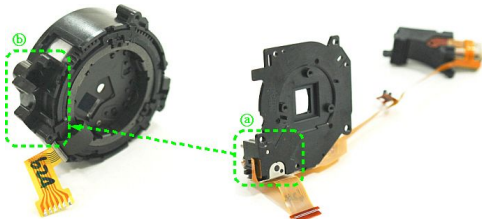
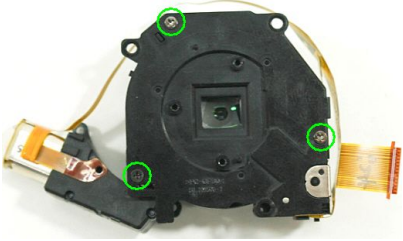
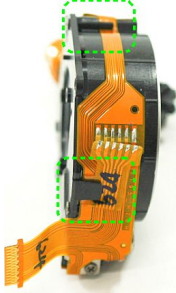
No	Disassembly image	Disassembly description
16		Remove the Cam SUB Barrel Assy.
17		Remove the Cam SUB Barrel Assy.
18		Remove the 2nd SUB Barrel Assy.
19		Remove the 2nd SUB Barrel Assy.
20		Remove the Guide Plate.

8.3. Barrel assembly

No	Assembly image	Assembly description
1		To assemble match the Point (a)&(b).
2		This is the assembled state of the cam sub barrel.
3		To assemble match the Point (a)&(b). CAUTION Be careful about the location of (c), (d).
4		This is the assembled state of the 2nd sub barrel assembly.
5		To assemble match the Point (a)&(b). CAUTION Be careful about the location of (c), (d).

No	Assembly image	Assembly description
6		<p>This is the assembled state of the cam sub barrel assembly.</p>
7		<p>To assemble match the Point (a)&(b).</p> <div data-bbox="852 748 1461 860">  CAUTION Be careful about the location of (c),(d). </div>
8		<p>This is the assembled state of the outer guide plate barrel.</p>
9		<p>To assemble match the Point (a)&(b).</p> <div data-bbox="852 1478 1461 1590">  CAUTION Be careful about the location of (c),(d). </div>
10		<p>This is the assembled state of the Outer cam barrel.</p>

No	Assembly image	Assembly description
11		To assemble match the Point (a)&(b).
12		This is the assembled state of the Outer guide barrel.
13		Assemble the FPCB Holder from Shutter FPCB.
14		This is the assembled state of the FPCB Holder.
15		Assemble the Spring and 3rd Barrel assembly from Lens Base assembly.

No	Assembly image	Assembly description
16		Assemble the AF motor assembly from Lens Base assembly.
17		Assemble the 1 Screw from AF motor assembly.
18		To assemble match the Point (a)&(b) as shown in the figure.
19		Assemble the 1 Screw from Lens Base assembly.
20		Assemble the FPCB.

No	Assembly image	Assembly description
21		soldering the Shutter FPCB.
22		Assemble the Screw and as shown in the Point (a) and (b) from FPCB
23		Assemble the 2 Screws from zoom motor assy.
24		This is the assembled state of the barrel assembly.