

3. Disassembly and Reassembly

3.1. Precautions when replacing parts

3.1.1. Precautions when assembling and disassembling

- Use only approved Samsung spare parts. Ensure that part number, product name, any voltage, current or temperature rating are correct. Failure to do so could result in damage to the machine, circuit overload, fire or electric shock.
- Do not make any unauthorized changes or additions to the printer, these could cause the printer to malfunction and create electric shock or fire hazards.
- Take care when dismantling the unit to note where each screw goes. There are 19 different screws. Use of the wrong screw could lead to system failure, short circuit or electric shock.
- Do not disassemble the LSU unit. Once it is disassembled dust is admitted to the mirror chamber and will seriously degrade print quality. There are no serviceable parts inside.
- Regularly check the condition of the power cord, plug and socket. Bad contacts could lead to overheating and fire. Damaged cables could lead to electric shock or unit malfunction.

3.1.2. Precautions when handling PBA

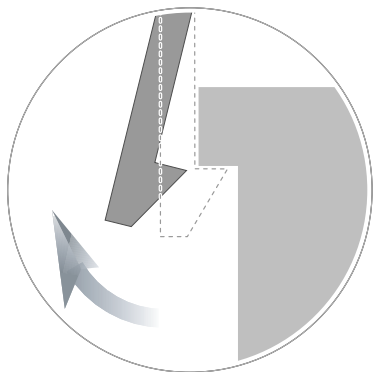
Static electricity can damage a PBA, always use approved anti-static precautions when handling or storing a PBA.

- **Precautions when moving and storing PBA**
 - 1) Please keep PBA in a conductive case, anti-static bag, or wrapped in aluminum foil.
 - 2) Do not store a PBA where it is exposed to direct sunlight.
- **Precautions when replacing PBA**
 - 1) Disconnect power connectors first, before disconnecting other cables.
 - 2) Do not touch any soldered connections, connector terminals or other electronic parts when handling insulated parts.
- **Precautions when checking PBA**
 - 1) Before touching a PBA, please touch other grounded areas of the chassis to discharge any static electrical charge on the body.
 - 2) Take care not to touch the PBA with your bare hands or metal objects as you could create a short circuit or get an electric shock. Take extra care when handling PBAs with moving parts fitted such as sensors, motors or lamps as they may get hot.
 - 3) Take care when fitting, or removing, screws. Look out for hidden screws. Always ensure that the correct screw is used and always ensure that when toothed washers are removed they are refitted in their original positions.

3.1.3. Releasing Plastic Latches

Many of the parts are held in place with plastic latches. The latches break easily; release them carefully.

To remove such parts, press the hook end of the latch away from the part to which it is latched.



3.2. Screws used in the printer

The screws listed in the table below are used in this printer. Please ensure that, when you disassemble the printer, you keep a note of which screw is used for which part and that, when reassembling the printer, the correct screws are used in the appropriate places.



NOTE

This list is based on CLP-365W. So, this list may differ from your machine depending on its model.

Parts Code	Location	Description	Qty
6003-000196	FRAME-MAIN	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	11
6003-000269	FRAME-MAIN	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	13
6003-000196	FUSER	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	5
6003-000282	FUSER	SCREW-TAPTYPE;BH,+,-,B,M3,L8,ZPC(BLK),SWRCH18A,-	2
6003-000152	FRAME BASE-PAPER PATH	SCREW-TAPTYPE;PH,+,-,B,M2,L10,ZPC(WHT),SWRCH18A,-	1
6003-000282	FRAME BASE-PAPER PATH	SCREW-TAPTYPE;BH,+,-,B,M3,L8,ZPC(BLK),SWRCH18A,-	4
6003-000196	FRAME	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	5
6003-000269	FRAME	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	43
6003-000301	FRAME	SCREW-TAPTYPE;BH,+,S,M4,L6,ZPC(WHT),SWRCH18A	1
6003-000269	FRAME-SUB_LEFT	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	26
6003-000269	FRAME-SUB_FRON	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	1
6003-000196	FRAME-SUB_CTD	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	2
6003-000269	FRAME-SUB RIGHT	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	24
6002-000440	DRIVE	SCREW-TAPPING;PWH,+,2,M3,L8,ZPC(BLK),SWRCH18A	3
6003-000269	DRIVE	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	8
6003-000282	LSU	SCREW-TAPTYPE;BH,+,-,B,M3,L8,ZPC(BLK),SWRCH18A,-	5
6003-000196	COVER-FRONT	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	5
6003-000196	COVER-REAR	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	2
6003-000264	COVER-TOP	SCREW-TAPTYPE;PWH,+,-,B,M3,L6,ZPC(WHT),SWRCH18A,-	2
6003-000196	ETC	SCREW-TAPTYPE;PWH,+,B,M3,L10,NI PLT,SWRCH18A	4
6003-000269	COVER-TOP	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	2
6003-000269	COVER-REAR	SCREW-TAPTYPE;BH,+,-,S,M3,L6,ZPC(WHT),SWRCH18A,-	4

3.3. Replacing the maintenance parts

3.3.1. ITB Unit

1. Open the front cover.
2. Remove YMCK toner cartridges and waste toner container.



3. Remove the imaging unit.



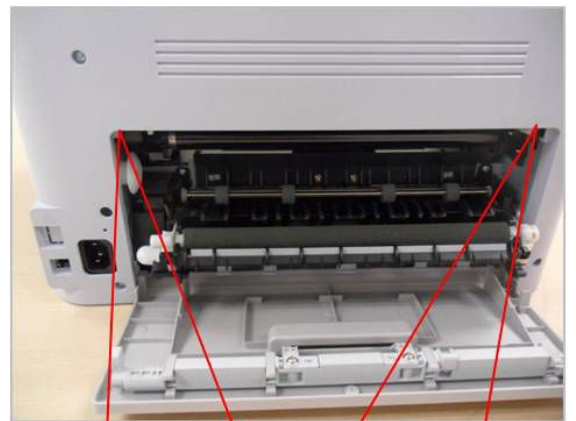
4. Unplug the ITB connector from the top-right.



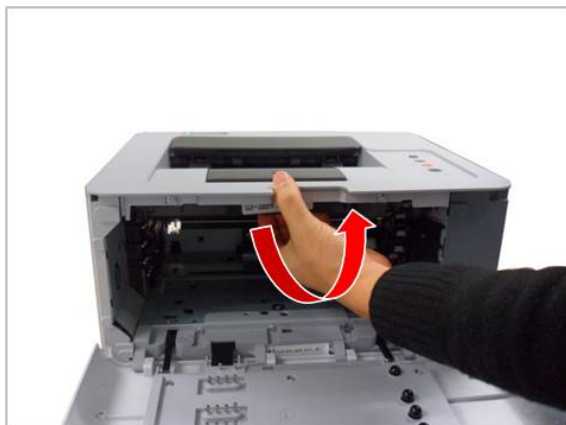
5. Open the rear cover. Release the FRAME-TRANSFER from the left hole.



6. Pull down the both levers.



7. Remove the ITB Unit while holding its handle, and pulling in direction of arrow.



3.3.2. Fuser Unit

1. Open the rear cover door.
2. Remove the rear cover after removing 4 screws.



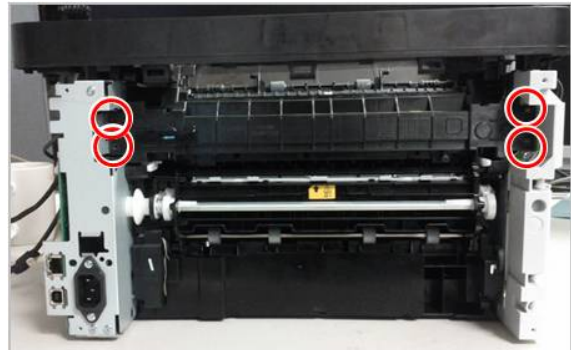
3. Remove the right cover.



4. Unplug 2 connectors from the SMPS board and main board.



5. Remove 4 screws. And then remove the fuser unit.

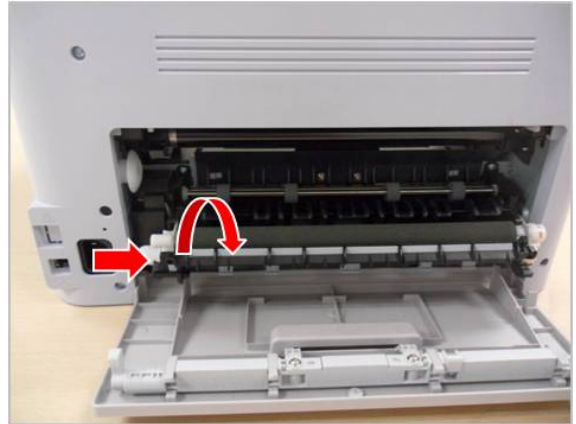


3.3.3. Transfer(T2) roller

1. Open the rear cover door. Release the FRAME-TRANSFER from the left hole by pulling it to the direction of arrow.

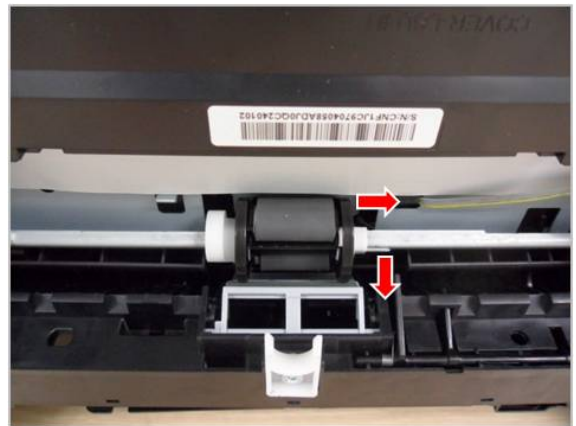


2. Push and release the FRAME-TRANSFER.



3.3.4. Pick up roller

1. Remove the cassette. See the bottom of the machine.
2. Release the stopper from the shaft. Move the right HOUSING-PICK UP to the right.
3. Remove the pick up rubber.



3.4. Replacing the main SVC parts



NOTE

Before service, remove all toner cartridges and waste toner container.

3.4.1. Cover

1. Open the rear cover door.
2. Remove the rear cove after removing 4 screws.



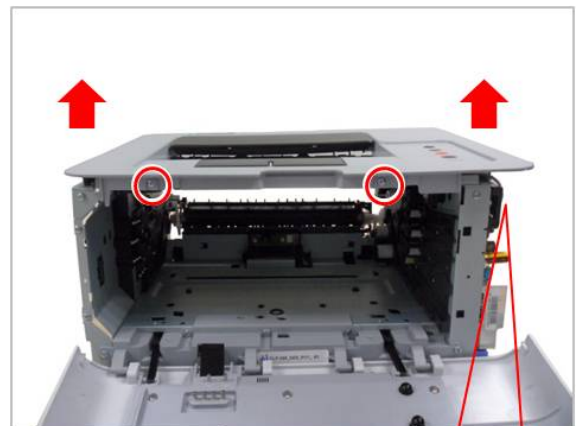
3. Release the right cover.



4. Release the left cover.

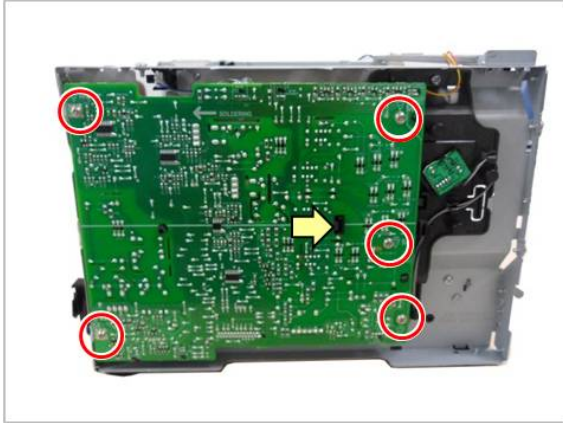


5. Unplug the OPE connector from the main board. Remove 2 screws. And lift up the top cover.



3.4.2. HVPS board

1. Remove the left cover. (Refer to 3.4.1)
2. Remove 5 screws. Release the lock. And release the HVPS board.



3. Unplug all connectors from the HVPS board.



3.4.3. LSU

1. Remove the cassette. Stand the machine to see the bottom.
2. Remove 3 screws. Unplug the flat cable. And release the LSU.



3.4.4. FRAME BASE-PAPER PATH

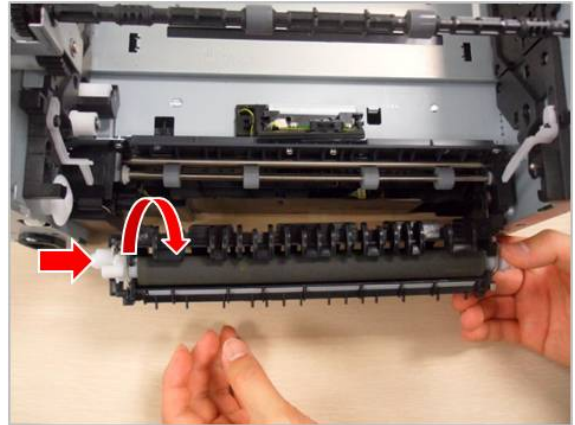
1. Remove the right cover.
2. Unplug the connector from the PBA-CONNECTOR. Remove the main board after removing 4 screws and connectors.



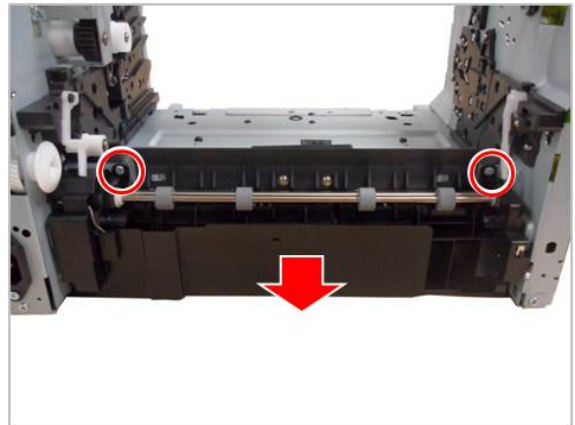
3. Remove 4 screws from the bottom of the machine.



4. Remove the FRAME-TRANSFER.

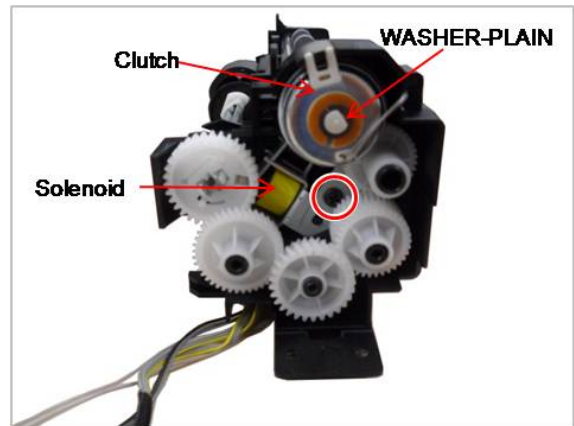


5. Remove the FRAME BASE-PAPER PATH after removing 2 screws.



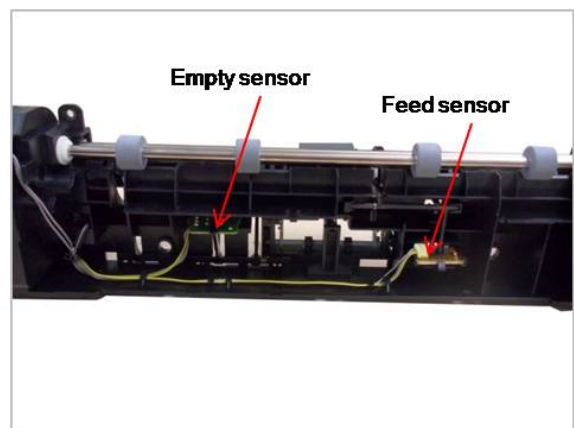
3.4.5. Regi clutch and Pick up solenoid

1. Remove the FRAME BASE-PAPER PATH. (Refer to 3.4.4)
2. Release the regi. clutch after removing the WASHER-PLAIN.
3. Remove 4 gears.
4. Release the pick up solenoid after removing 1 screw.



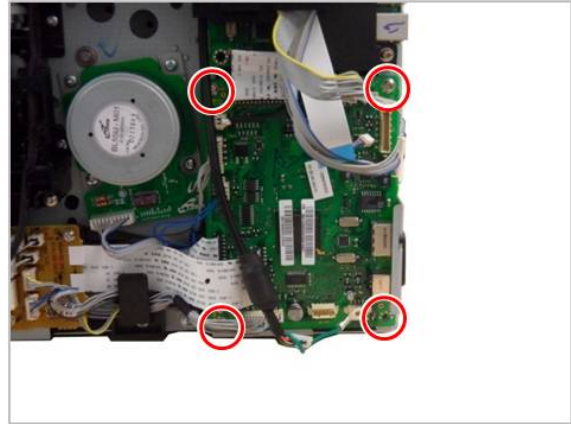
3.4.6. Feed sensor and Empty sensor

1. Remove the FRAME BASE-PAPER PATH. (Refer to 3.4.4)
2. Remove the COVER-PICK UP.
3. Release the Empty sensor and Feed sensor.



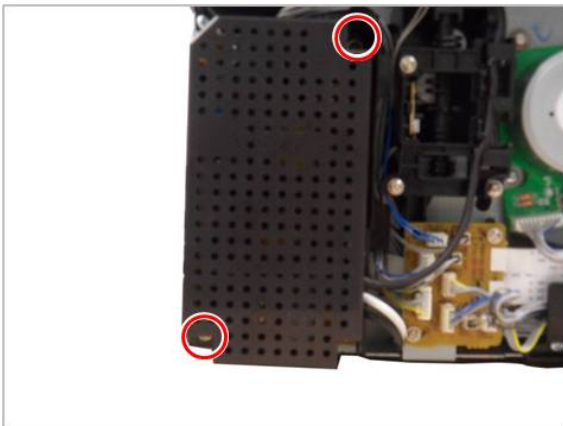
3.4.7. Main board

1. Remove the right cover. (Refer to 3.4.1)
2. Unplug all connector. Remove 4 screws. And remove the main board.



3.4.8. SMPS board

1. Remove the right cover. (Refer to 3.4.1)
2. Remove the SMPS cover after removing 2 screws.
3. Unplug all connectors on SMPS board. Remove 2 screws. And remove the SMPS board.

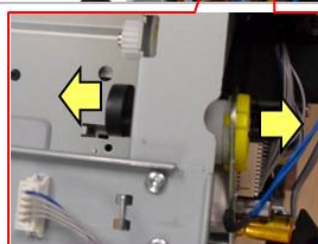
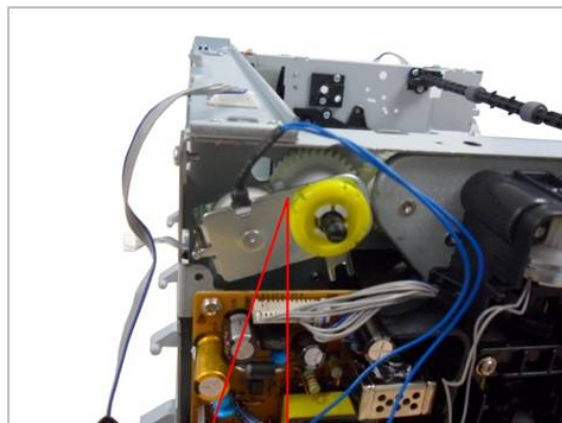


3.4.9. Cam Solenoid

1. Remove the right and top cover. (Refer to 3.4.1)
2. Remove the Cam Solenoid cover after removing 1 screw.

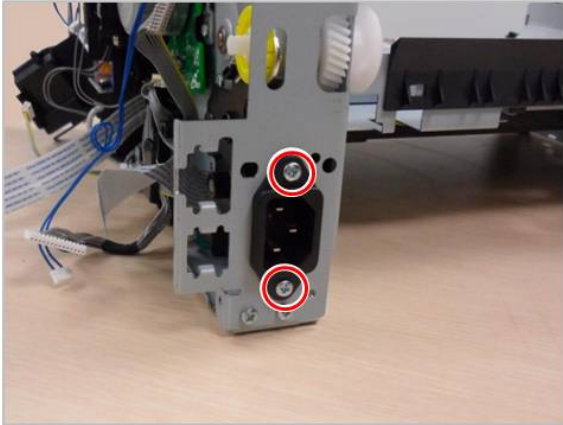


3. Release the Cam Solenoid.

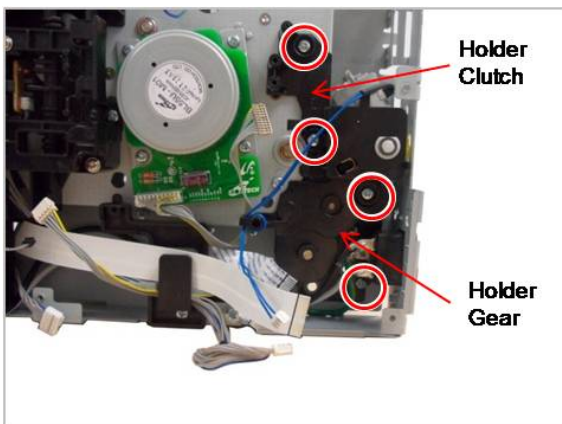


3.4.10. Main Drive Unit

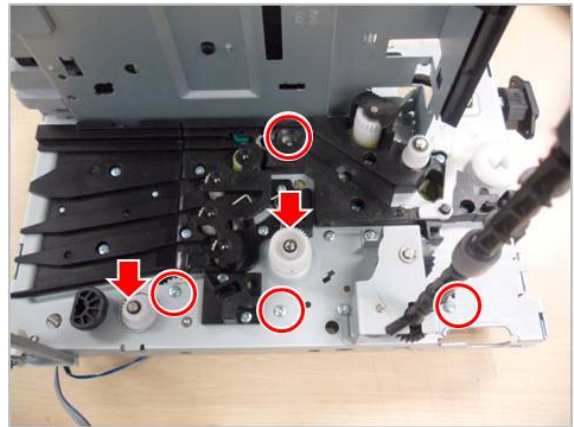
1. Remove the right cover. (Refer to 3.4.1)
2. Remove the main board. (Refer to 3.4.7)
3. Remove 2 screws.



4. Remove the Holder-Clutch and Holder-Gear after removing 4 screws.



5. Remove 4 screws and 2 gears inside the right frame.



6. Release the Main Drive Unit.

