

7.2 Disassembly/reassembly parts list

| Section | Part name | Ref.Page |
|-------------------------------------|---|----------|
| Exterior parts | Rear cover | P.43 |
| | Left cover | P.43 |
| | Rear right cover | P.44 |
| | Exit cover | P.44 |
| | Front right cover | P.45 |
| | Operation panel | P.48 |
| | Upper cover | P.49 |
| Boards and etc. | FAX board (FXPB) | P.50 |
| | MFP board/1 (MFPB/1) | P.51 |
| | MFP board/2 (MFPB/2) | |
| | Printer control board (PRCB) | P.53 |
| | DC power supply (DCPU) | P.55 |
| | High voltage unit (HV1) | P.57 |
| | Temperature/ humidity sensor (TEM/HUMS) | P.86 |
| | IDC sensor (IDC) | P.87 |
| Units | Tray1 | P.47 |
| | Tray2 | P.46 |
| | PH unit | P.61 |
| | Hard disk kit (HD-P03) *1 | P.63 |
| | CF adapter (MK-725) *1 | P.65 |
| | CIS module | P.91 |
| | Scanner unit | P.92 |
| | ADF | P.94 |
| Other parts | Developing motor (M1) | P.68 |
| | Main motor (M2) | P.68 |
| | Color PC drum motor (M4) | P.69 |
| | DC power supply fan motor (FM10) | P.70 |
| | Cooling fan motor (FM11) | P.71 |
| | Tray2 media feed clutch (CL1) | P.72 |
| | Tray1 media feed clutch (CL2) | |
| | Registration clutch (CL3) | P.74 |
| | Toner supply motor/Y (CL4) | P.75 |
| | Toner supply motor/M (CL5) | |
| | Toner supply motor/C (CL6) | |
| | Toner supply motor/K (CL7) | |
| | Loop detection clutch (CL8) | P.77 |
| | Switchback roller feed clutch (CL11) | P.80 |
| | Switchback roller reverse clutch (CL12) | |
| | Duplex conveyance roller clutch (CL13) | P.83 |
| 2nd transfer release solenoid (SD2) | P.84 | |

| Section | Part name | Ref.Page |
|-------------|----------------------|----------------------|
| Other parts | Scanner motor (M101) | P.89 |
| | ADF pick-up roller | P.96 |
| | ADF feed roller | |
| | ADF separation pad | P.99 |

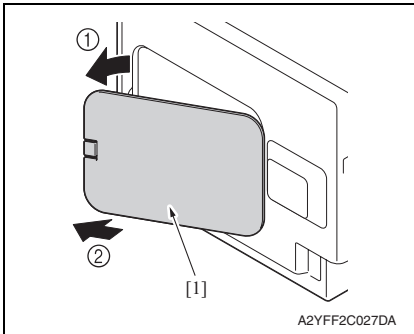
*1: Option

7.2.1 Cleaning parts list

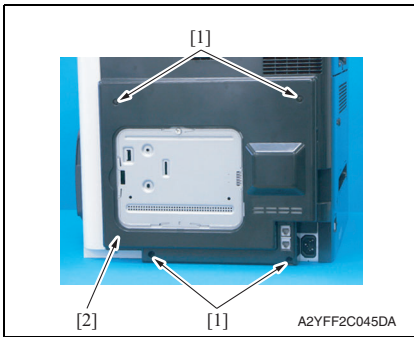
| Section | Part name | Ref.Page |
|--------------------|---------------------------|-----------------------|
| Tray1 | Tray1 feed roller | P.100 |
| Tray2 | Tray2 feed roller | P.100 |
| ADF | ADF feed roller | P.101 |
| Processing section | Laser irradiation section | P.102 |

7.3 Disassembly/reassembly procedure

7.3.1 Rear cover



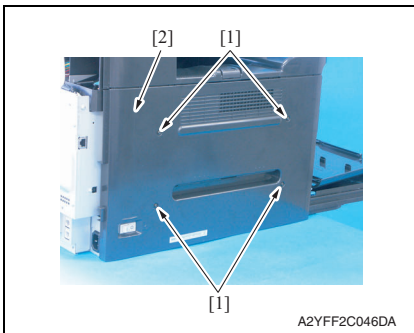
1. Remove the rear center cover [1].



2. Remove four screws [1], and remove the rear cover [2].

7.3.2 Left cover

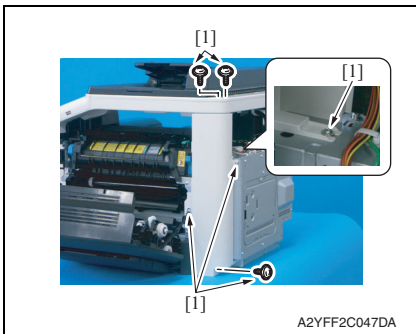
1. Slide out tray2.
2. Open the front door.
3. Remove the waste toner bottle.
[See P.14](#)
4. Remove the rear cover.
[See P.43](#)



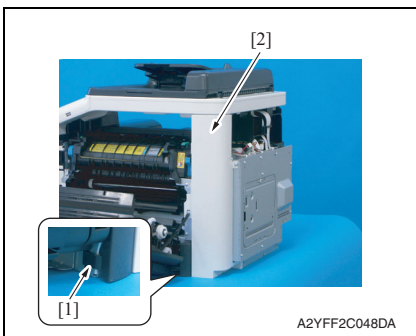
5. Remove four screws [1], and remove the left cover [2].

7.3.3 Rear right cover

1. Remove the rear cover.
See P.43
2. Open the right door.



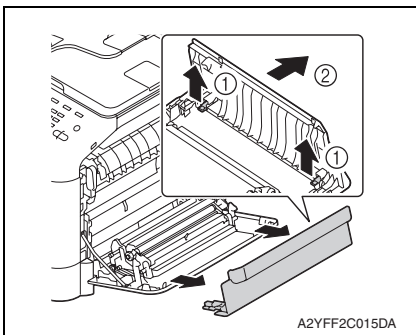
3. Remove six screws [1].



4. Release the tab [1], raise the scanner unit, and remove the rear right cover [2].

7.3.4 Exit cover

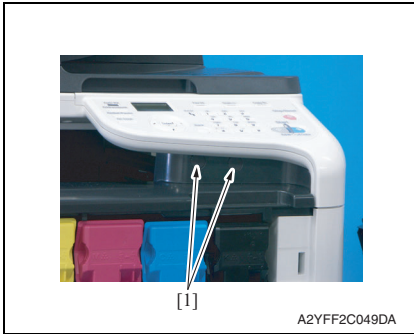
1. Open the right door.



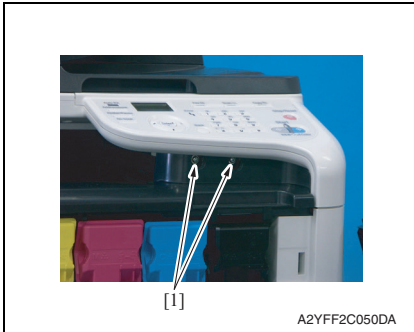
2. Remove the exit cover.

7.3.5 Front right cover

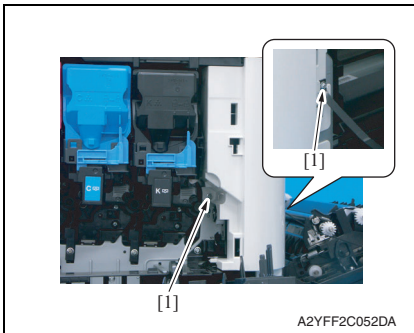
1. Open the right door.
2. Remove the waste toner bottle.
[See P.14](#)



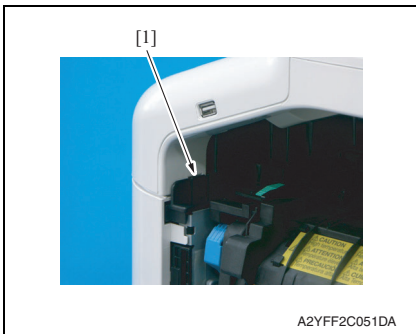
3. Remove two caps [1].



4. Remove two screws [1].



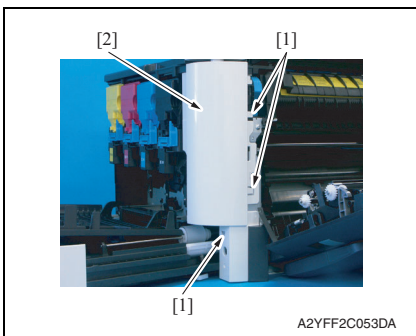
5. Remove two screws [1].



- Unhook the tab [1], and raise the operation panel.

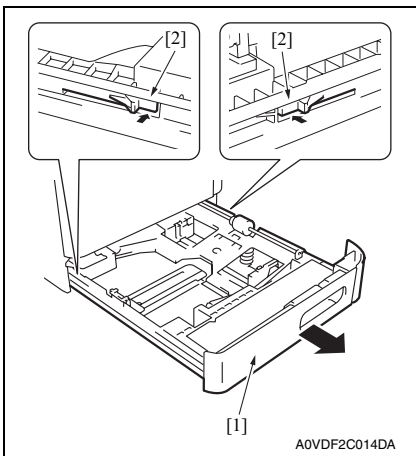
NOTE

- When unhook the tab [1], use the flathead screwdriver or the similar tool.



- Unhook three tabs [1], and remove the front right cover [2].

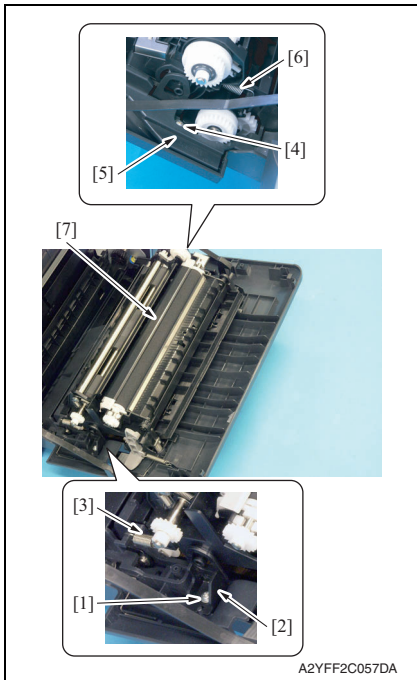
7.3.6 Tray2



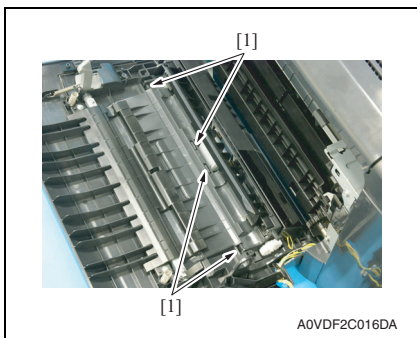
- Pull out the tray 2 [1].
- While pushing the left and right tabs [2], remove the tray 2 [1].

7.3.7 Tray1

1. Open the right door.



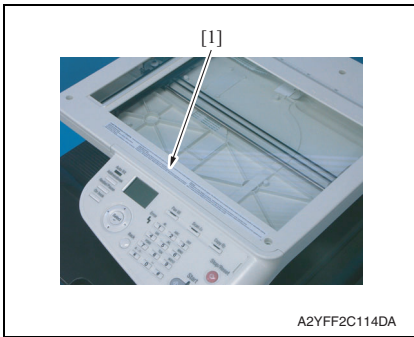
2. Remove the screw [1], and remove the fixed cover [2].
3. Remove the spring [3].
4. Remove the screw [4], and remove the harness cover [5].
5. Remove the spring [6].
6. Remove the conveyance unit [7].



7. Unlock four tabs [1], and remove the tray 1.

7.3.8 Operation panel

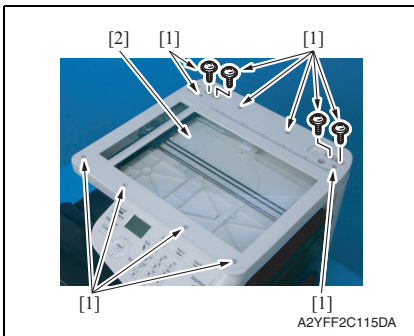
1. Remove the ADF.
See P.94



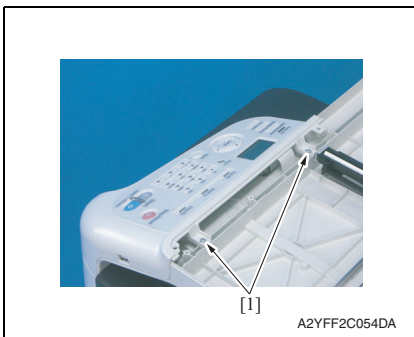
2. Peel off the label [1].

NOTE

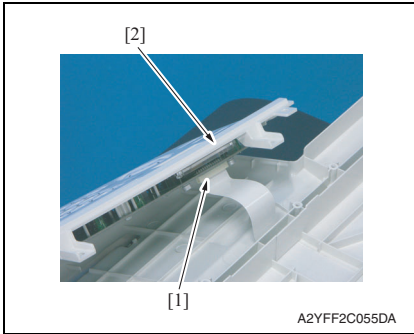
- After reinstalling the original glass, attach the label (Parts No.: A121 9447 ##) again.



3. Remove 12 screws [1], and remove the original glass [2].



4. Remove two screws [1].

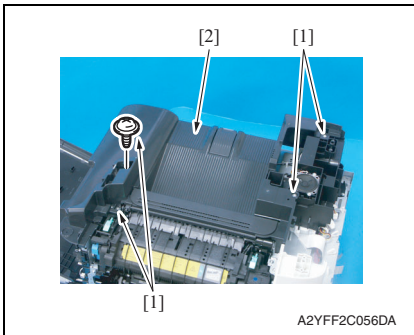


5. Disconnect the flat cable [1], and remove the operation panel [2].

6. To reinstall, reverse the order of removal.

7.3.9 Upper cover

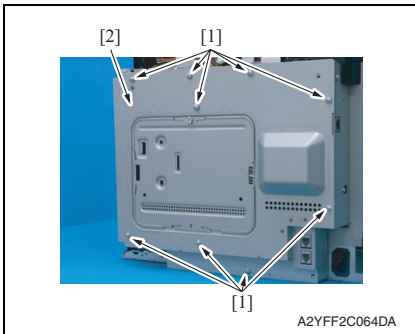
1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the ADF.
[See P.94](#)
5. Remove the scanner unit.
[See P.92](#)
6. Remove the front right cover.
[See P.45](#)



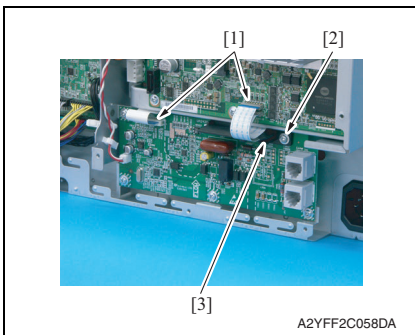
7. Remove four screws [1], and remove the upper cover [2].

7.3.10 FAX board

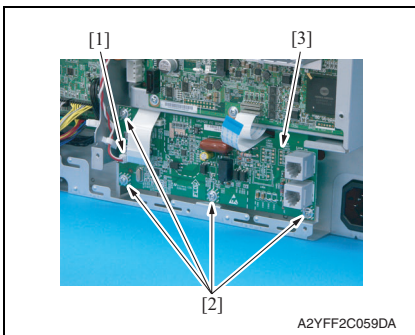
1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)



4. Remove nine screws [1], and remove the board protective shield [2].



5. Disconnect two flat cables [1].
6. Remove the screw [2], and remove the flat cables guide [3].



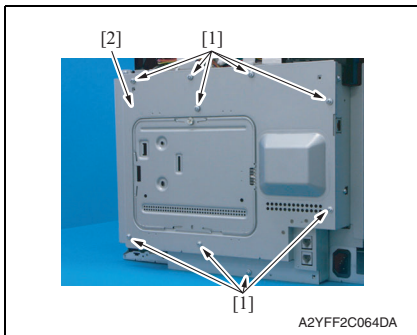
7. Disconnect the connector [1].
8. Remove four screws [2], and remove the FAX board [3].

9. To reinstall, reverse the order of removal.

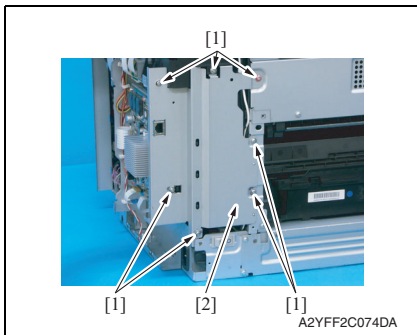
7.3.11 MFP board /1 (MFPB /1)/ MFP board /2 (MFPB /2)

NOTE

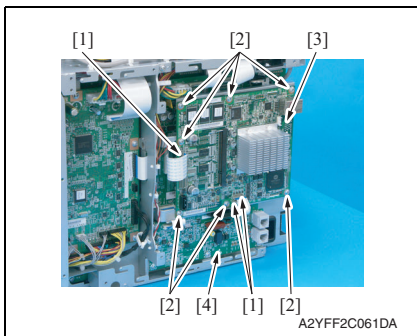
- When the MFP board is replaced, upgrade the firmware to the latest version.
See P.25
 - When the MFP board is replaced with a new one, be sure to execute [BK CLEAR].
See P.145
1. Remove the waste toner bottle.
See P.14
 2. Remove the rear cover.
See P.43
 3. Remove the left cover.
See P.43



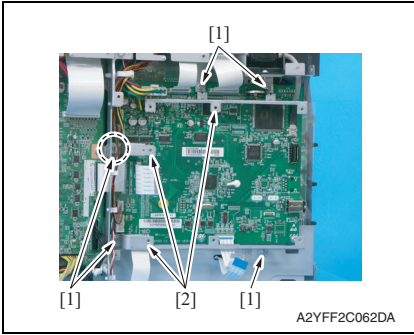
4. Remove nine screws [1], and remove the board protective shield [2].



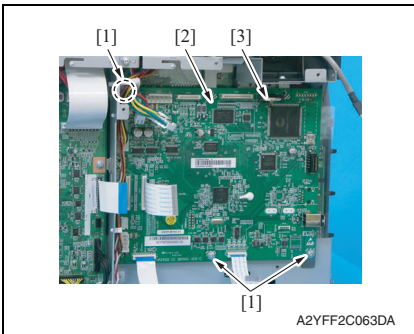
5. Remove seven screws [1], and remove the bracket [2].



6. Disconnect three flat cables [1].
7. Remove seven screws [2], and remove the MFP board /2 [3].
8. Remove the FAX board [4].
See P.50



- 9. Disconnect all connectors and flat cables.
- 10. Remove five screws [1], and remove the three brackets [2].



- 11. Remove three screws [1], and remove the MFP board /1 [2].
- 12. Remove the backup battery [3].

13. To reinstall, reverse the order of removal.

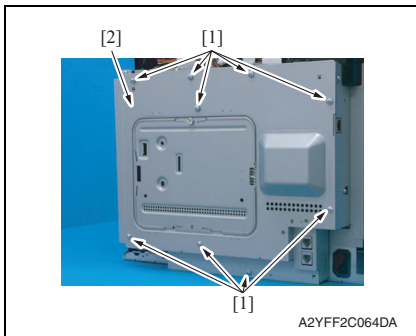
7.3.12 Print control board (PRCB)

NOTE

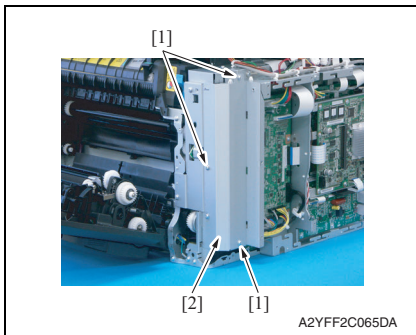
- When the printer control board is replaced with a new one, be sure to execute [BK CLEAR].

See P.145

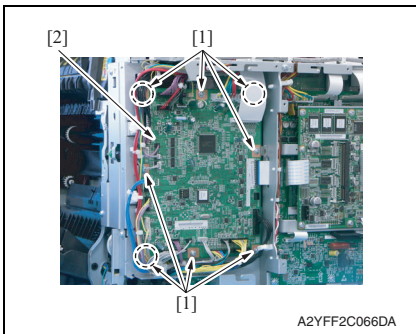
1. Remove the waste toner bottle.
See P.14
2. Remove the rear cover.
See P.43
3. Remove the left cover.
See P.43
4. Remove the rear right cover.
See P.44



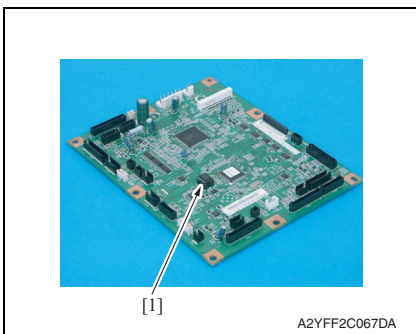
5. Remove nine screws [1], and remove the board protective shield [2].



6. Remove three screws [1], and remove the bracket [2].

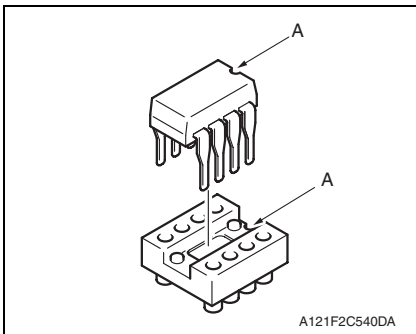


7. Disconnect all connectors and flat cables.
8. Remove eight screws [1].
9. Remove the print control board [2].



NOTE

- When the printer control board (PCB) has been replaced, be sure to remount EEPROM [1] (ICS1). Unmount EEPROM [1] (ICS1) from the old printer control board and mount it on the new printer control board.





NOTE

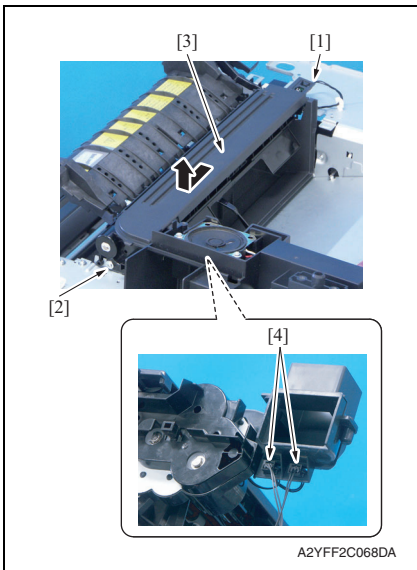
- When mounting EEPROM (ICS1), make sure the notches "A" are precisely lined up.

10. To reinstall, reverse the order of removal.

7.3.13 DC power supply (DCPU)

| | |
|--|---|
|  CAUTION | |
|  | <ul style="list-style-type: none">• Note that in the event of DC power supply failure, it can take long before voltage drops even after turning OFF the power switch. To avoid electrical shock, after turning OFF the power switch, do not touch the DC power supply for 9 minutes. |

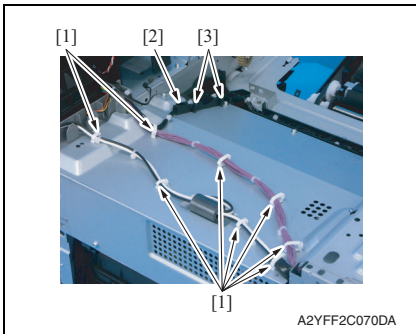
1. Remove the fuser unit.
[See P.19](#)
2. Remove the waste toner bottle.
[See P.14](#)
3. Remove the rear cover.
[See P.43](#)
4. Remove the left cover.
[See P.43](#)
5. Remove the ADF.
[See P.94](#)
6. Remove the scanner unit.
[See P.92](#)
7. Remove the front right cover.
[See P.45](#)
8. Remove the upper cover.
[See P.49](#)



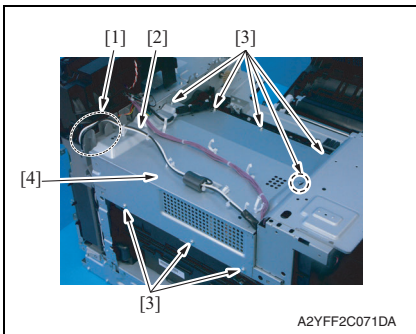
9. Disconnect the connector [1].
10. Remove the screw [2], and remove the exit drive assy [3].
11. Disconnect two connectors [4].

bizhub C25

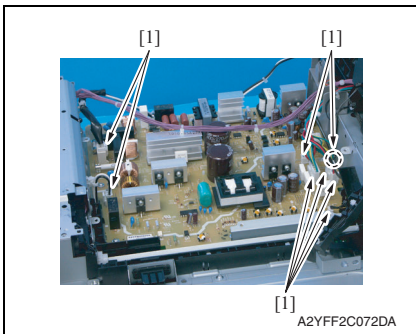
MAINTENANCE



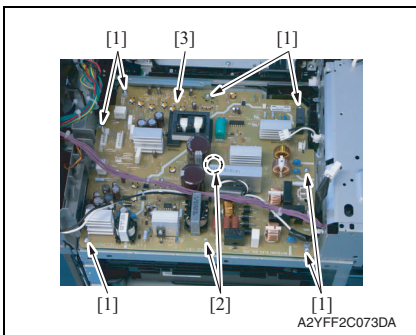
- 12. Remove all harness from eight wire saddles [1].
- 13. Unhook two tabs [3], and remove the harness guide [2].



- 14. Remove the harness [2] from the harness guide [1].
- 15. Remove eight screws [3], and remove the DC power supply protective cover [4].



- 16. Disconnect eight connectors [1].

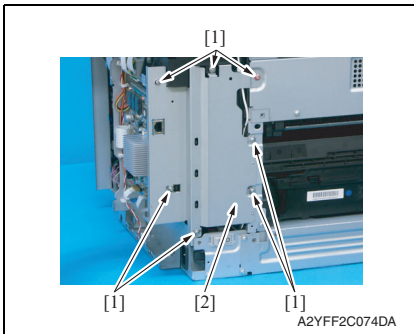


- 17. Remove seven screws [1] and two board supports [2], and remove the DC power supply [3].

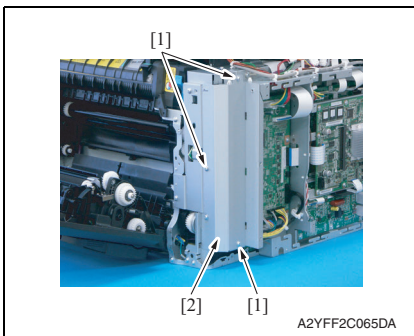
18. To reinstall, reverse the order of removal.

7.3.14 High voltage unit (HV1)

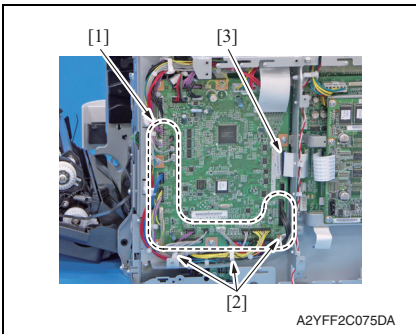
1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the rear right cover.
[See P.44](#)
5. Remove the FAX board.
[See P.50](#)



6. Remove seven screws [1], and remove the bracket [2].



7. Remove three screws [1], and remove the bracket [2].

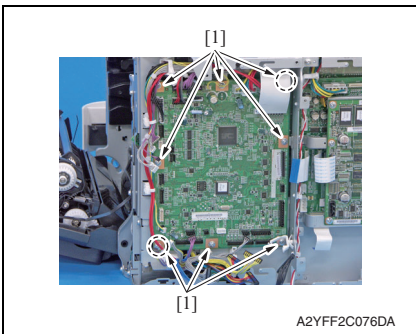


8. Disconnect 18 connectors [1] from the printer control board, and remove them from three wire saddles [2].

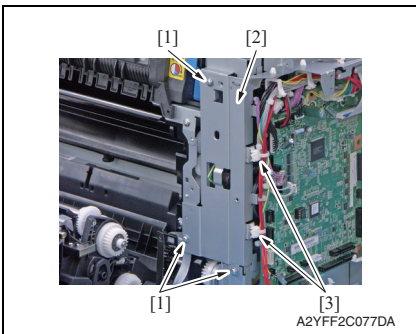
NOTE

- **Disconnect all connectors located between the top left connector PJ12 and the bottom right connector PJ25.**

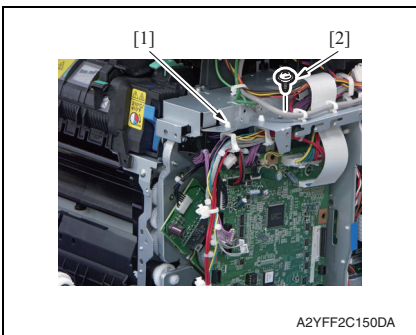
9. Disconnect flat cable [3].



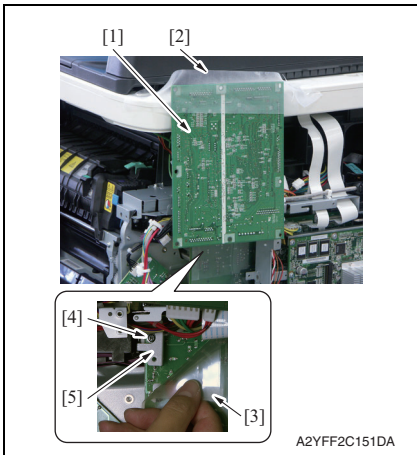
10. Remove eight screws [1]



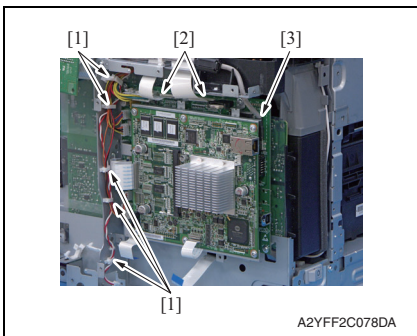
11. Remove three screws [1], and remove the bracket [2].
12. Remove two bands [3] from the bracket.



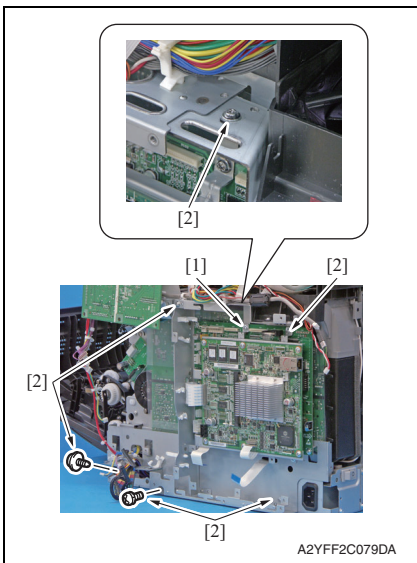
13. Remove the wire saddle [1] from the bracket.
14. Remove the screw [2]



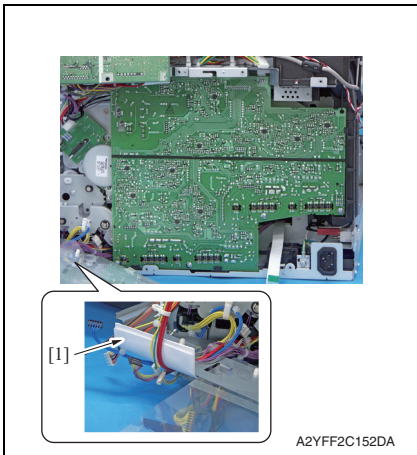
- 15. Flip the printer control board [1] up, and fasten it to the scanner unit by tape [2].
- 16. Flip the protective sheet [3], and remove the screw [4].
- 17. Remove the bracket [5].



- 18. Remove the harness from five wire saddles [1].
- 19. Disconnect all connectors, two flat cables [2], and the USB cable [3] from MFP board / 1.

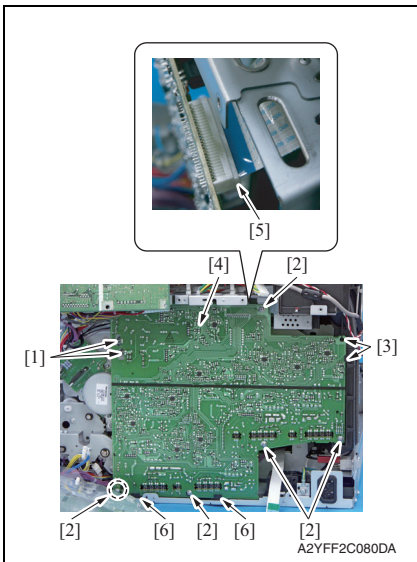


- 20. Loosen the screw [1].
- 21. Remove six screws [2].
- 22. Remove the MFP boards 1/2 together with their plate.



NOTE




- To protect the harness, insert paper [1] between the plate and the harness.



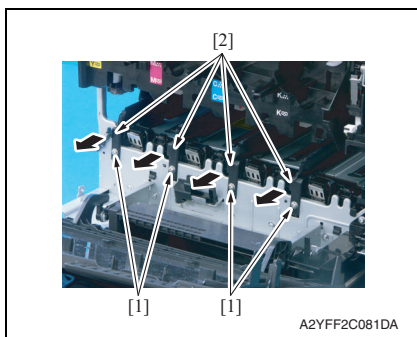
23. Remove two hooks [1].
24. Remove five screws [2].
25. Release two tabs [3], and tilt the high voltage unit [4] toward you.
26. Disconnect the flat cable [5].
27. Release two tabs [6], and remove the high voltage unit [4].

28. To reinstall, reverse the order of removal.

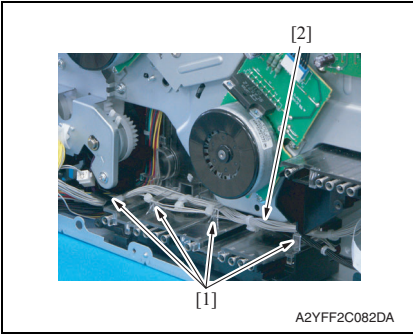
7.3.15 PH Unit

|  CAUTION | |
|--|---|
|  | <ul style="list-style-type: none">• Do not replace the printer head unit while the power is ON. Laser beam generated during the above mentioned activity may cause blindness. |
|  | <ul style="list-style-type: none">• Do not disassemble or adjust the printer head unit. Laser beam generated during the above mentioned activity may cause blindness. |

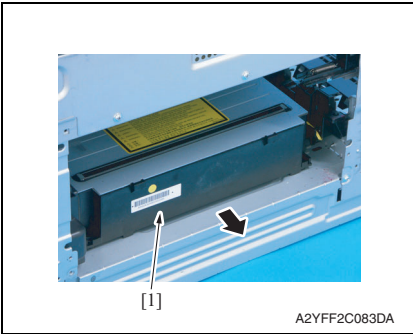
1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the toner cartridge (C, M, Y, K).
[See P.8](#)
3. Remove the imaging unit (C, M, Y, K).
[See P.11](#)
4. Remove the exit cover.
[See P.44](#)
5. Remove the transfer belt unit.
[See P.16](#)
6. Remove the fuser unit.
[See P.19](#)
7. Remove the left cover.
[See P.43](#)
8. Remove the rear right cover.
[See P.44](#)
9. Remove the FAX board.
[See P.50](#)
10. Remove the high voltage unit.
[See P.57](#)



11. Remove four screws [1], and remove four rails [2].



12. Remove the harness [2] from four harness guides [1].

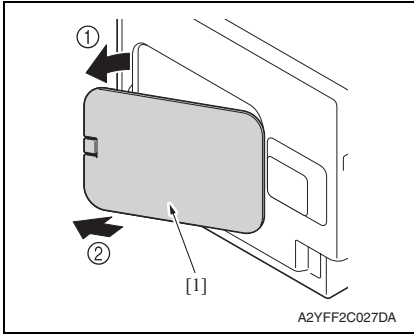


13. Remove the PH unit [1].

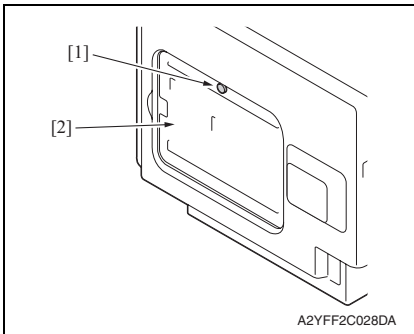
14. To reinstall, reverse the order of removal.

7.3.16 Hard disk kit (HD-P03)

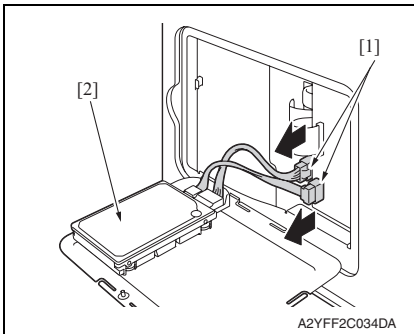
1. Turn OFF the power switch.



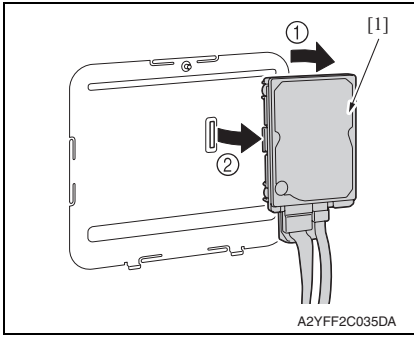
2. Remove the rear center cover [1].



3. Loosen the screw [1], and remove the metal plate [2].



4. Disconnect two connectors [1], and remove the hard disk kit [2].

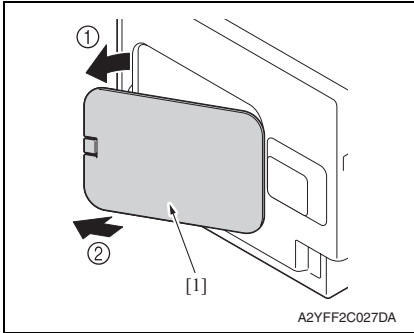


- 5. Remove the hard disk kit [1] from metal plate.

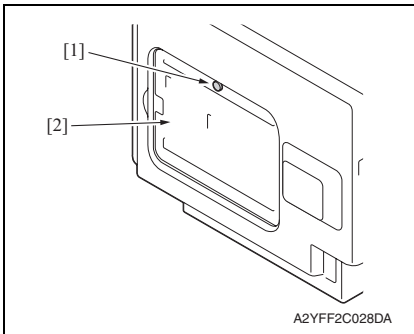
- 6. To reinstall, reverse the order of removal.

7.3.17 CF adapter (MK-725)

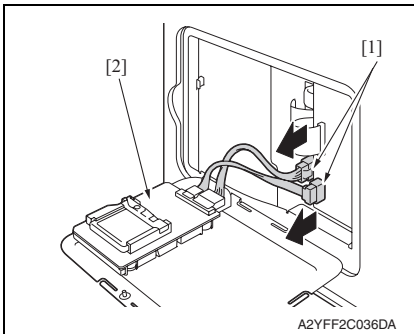
1. Turn OFF the power switch.



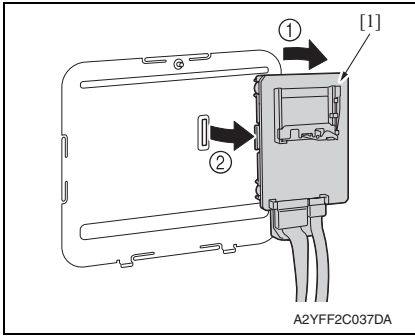
2. Remove the rear center cover [1].



3. Loosen the screw [1], and remove the metal plate [2].



4. Disconnect two connectors [1], and remove the CF adapter [2].

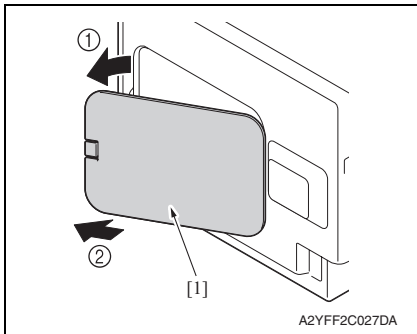


5. Remove the CF adapter [1] from metal plate.

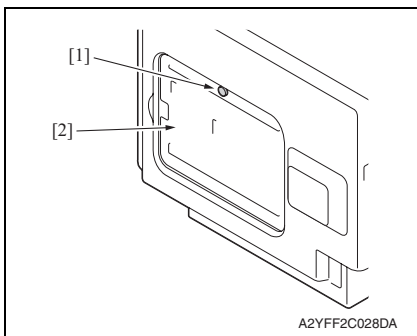
6. To reinstall, reverse the order of removal.

7.3.18 Dual In-Line Memory Module (DIMM)

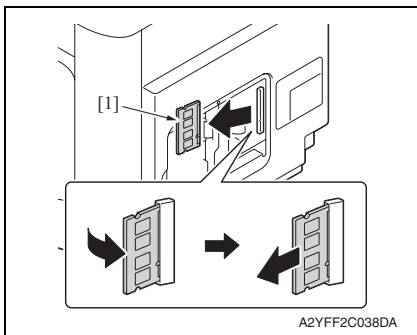
1. Turn OFF the power switch.



2. Remove the rear center cover [1].



3. Loosen the screw [1], and remove the metal plate [2].

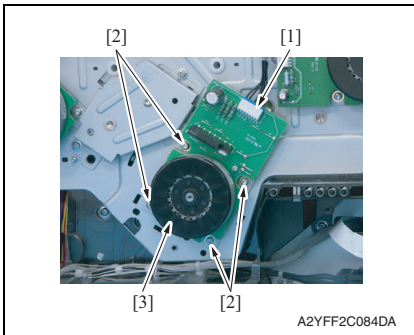


4. Pull the DIMM [1] toward you about 45 degrees, and remove it.

5. To reinstall, reverse the order of removal.

7.3.19 Developing motor (M1)

1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the rear right cover.
[See P.44](#)
5. Remove the FAX board.
[See P.50](#)
6. Remove the high voltage unit.
[See P.57](#)



7. Disconnect the connector [1].
8. Remove four screws [2], and remove the developing motor [3].

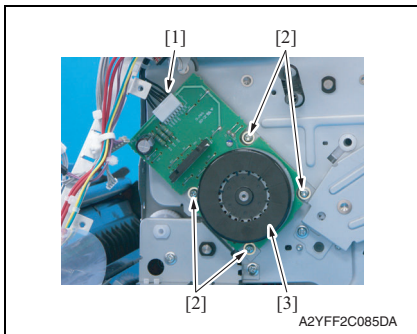
NOTE

- When installing the motor, try to insert it straight, and take care not to damage the gears.

9. To reinstall, reverse the order of removal.

7.3.20 Main motor (M2)

1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the rear right cover.
[See P.44](#)
5. Remove the FAX board.
[See P.50](#)
6. Remove the high voltage unit.
[See P.57](#)



7. Disconnect the connector [1].
8. Remove four screws [2], and remove the main motor [3].

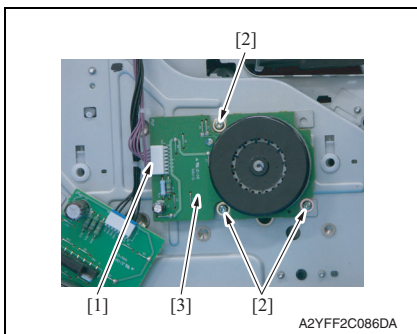
NOTE

- When installing the motor, try to insert it straight, and take care not to damage the gears.

9. To reinstall, reverse the order of removal.

7.3.21 Color PC drum motor (M4)

1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the rear right cover.
[See P.44](#)
5. Remove the FAX board.
[See P.50](#)
6. Remove the high voltage unit.
[See P.57](#)



7. Disconnect the connector [1].
8. Remove three screws [2], and remove the color PC drum motor [3].

NOTE

- When installing the motor, try to insert it straight, and take care not to damage the gears.

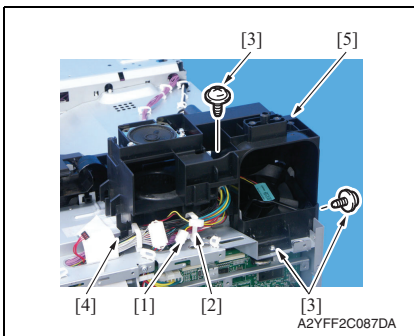
9. To reinstall, reverse the order of removal.

bizhub C25

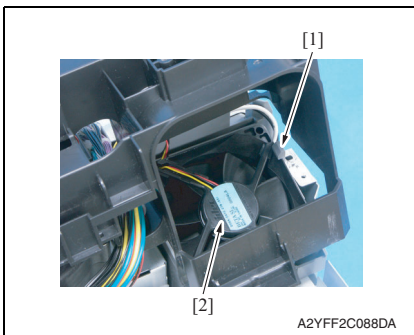
MAINTENANCE

7.3.22 DC power supply fan motor (FM10)

1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the ADF.
[See P.94](#)
5. Remove the scanner unit.
[See P.92](#)
6. Remove the front right cover.
[See P.45](#)
7. Remove the upper cover.
[See P.49](#)



8. Disconnect the connector [1], and remove it from the wire saddle [2].
9. Remove three screws [3], release the tab [4], and slide the duct [5].

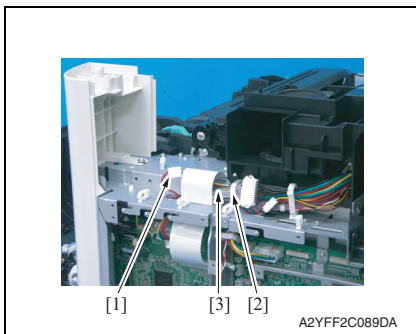


10. Unlock the tab [1], and remove the DC power supply fan motor [2].

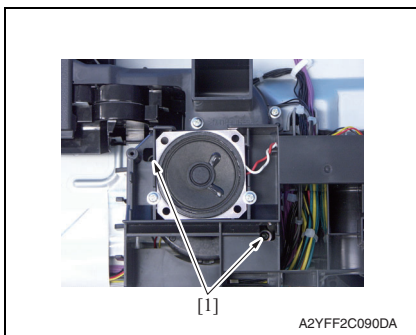
11. To reinstall, reverse the order of removal.

7.3.23 Cooling fan motor (FM11)

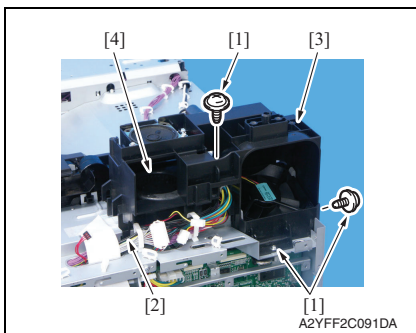
1. Remove the rear cover.
[See P.43](#)
2. Remove the ADF.
[See P.94](#)
3. Remove the Scanner unit.
[See P.92](#)
4. Remove the front right cover.
[See P.45](#)
5. Remove the upper cover.
[See P.49](#)



6. Disconnect the connector [1].
7. Remove the harness [3] from the wire saddle [2].



8. Remove two screws [1].

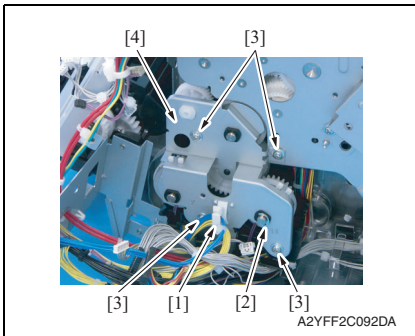


9. Remove three screws [1], release the tab [2], and slide the duct [3].
10. Remove the cooling fan motor [4].

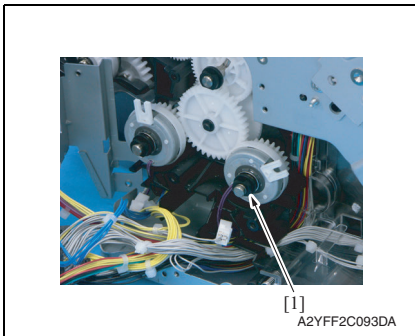
11. To reinstall, reverse the order of removal.

7.3.24 Tray2 media feed clutch (CL1) / Tray1 media feed clutch (CL2)

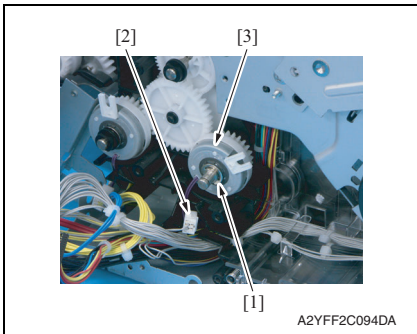
1. Remove the waste toner bottle.
[See P.14](#)
2. Remove the rear cover.
[See P.43](#)
3. Remove the left cover.
[See P.43](#)
4. Remove the rear right cover.
[See P.44](#)
5. Remove the FAX board.
[See P.50](#)
6. Remove the high voltage unit.
[See P.57](#)
7. Remove the main motor.
[See P.68](#)



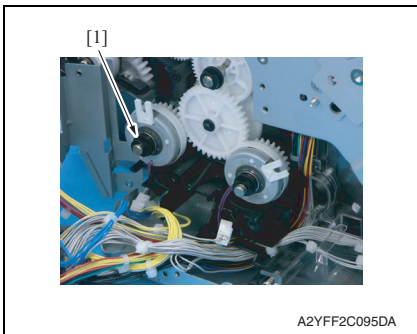
8. Remove the harness from the wire saddle [1].
9. Remove the E-ring [2].
10. Remove four screws [3], and remove the fixing metal plate [4].



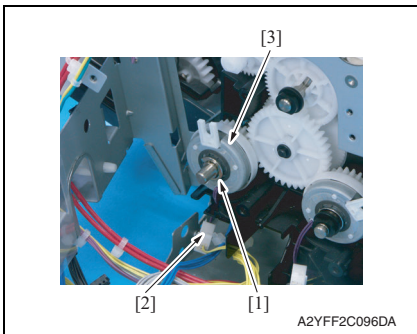
11. Remove the bushing [1].



- 12. Remove the E-ring [1].
- 13. Disconnect the connector [2], and remove the tray2 media feed clutch [3].



- 14. Remove the bushing [1].

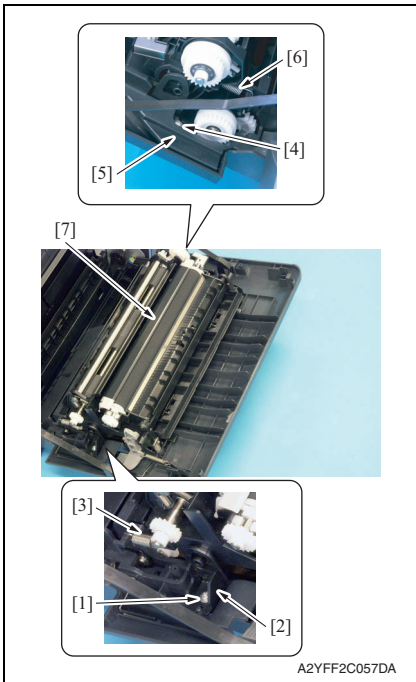


- 15. Remove the E-ring [1].
- 16. Disconnect the connector [2], and remove the tray1 media feed clutch [3].

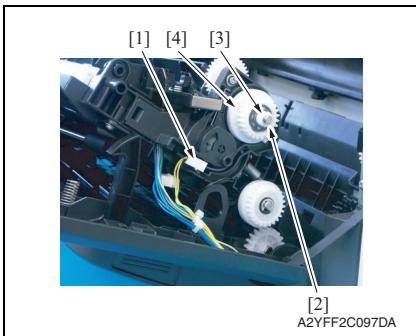
17. To reinstall, reverse the order of removal.

7.3.25 Registration clutch (CL3)

1. Open the right door.



2. Remove the screw [1], and remove the fixed cover [2].
3. Remove the spring [3].
4. Remove the screw [4], and remove the harness cover [5].
5. Remove the spring [6].
6. Remove the conveyance unit [7].

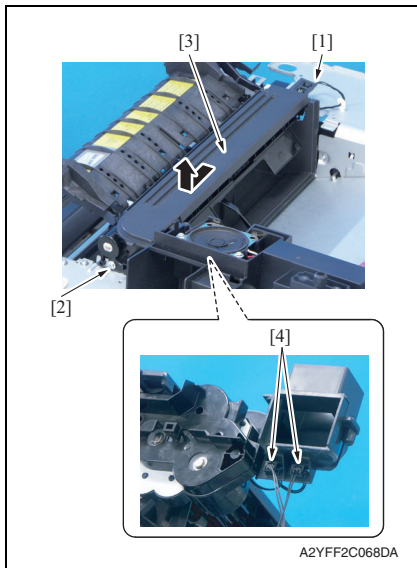


7. Disconnect the connector [1].
8. Remove the E-ring [2] and the bushing [3], and remove the registration clutch [4].

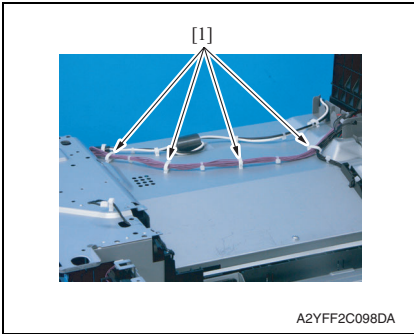
9. To reinstall, reverse the order of removal.

**7.3.26 Toner supply clutch/Y (CL4) / Toner supply clutch/M (CL5) /
Toner supply clutch/C (CL6) / Toner supply clutch/K (CL7)**

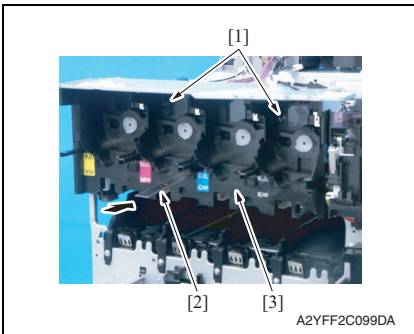
1. Remove the toner cartridge (C,M,Y,K).
[See P.8](#)
2. Remove the waste toner bottle.
[See P.14](#)
3. Remove the imaging unit (C,M,Y,K).
[See P.11](#)
4. Remove the fuser unit.
[See P.19](#)
5. Remove the rear cover.
[See P.43](#)
6. Remove the left cover.
[See P.43](#)
7. Remove the ADF.
[See P.94](#)
8. Remove the scanner unit.
[See P.92](#)
9. Remove the front right cover.
[See P.45](#)
10. Remove the upper cover.
[See P.49](#)



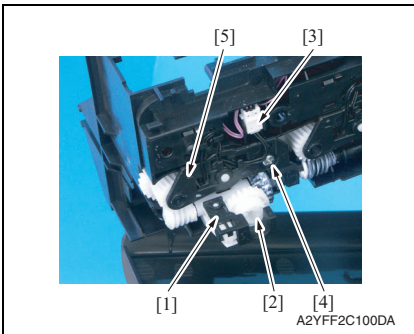
11. Disconnect the connector [1].
12. Remove the screw [2], and remove the exit drive assy [3].
13. Disconnect two connector [4].



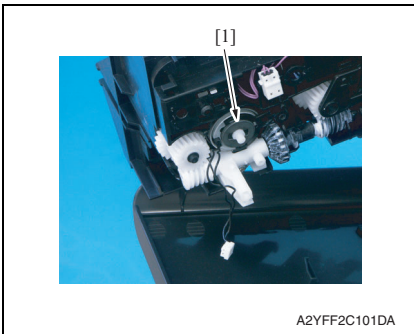
14. Remove the harness from four wire saddles [1].



15. Remove two screws [1].
 16. While releasing the lock with the inserted metal ruler [2] or another similar tool as shown in the illustration, remove the toner box drive Assy [3].



17. Remove the stopper [1], and remove the gear [2].
 18. Remove the harness from guide, and disconnect the connector [3].
 19. Remove the screws [4], and remove the cover [5].

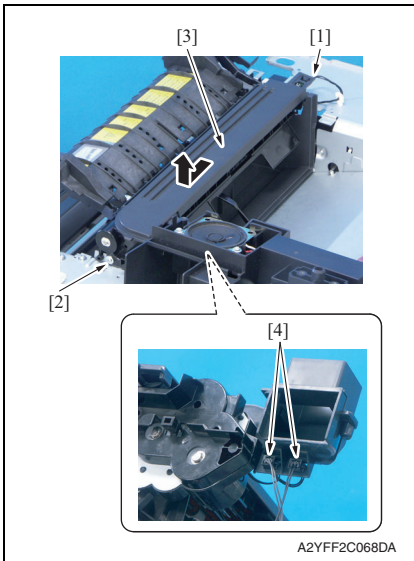


20. Remove the toner supply clutch [1].

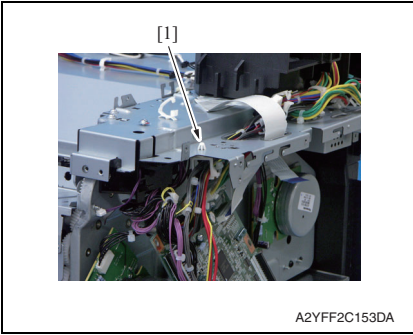
21. To reinstall, reverse the order of removal.

7.3.27 Loop detection clutch (CL8)

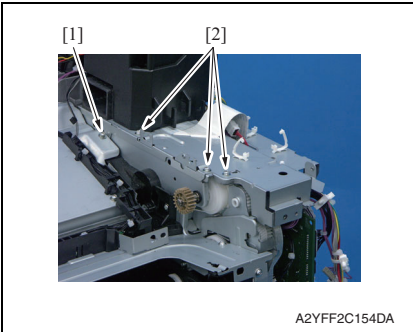
1. Remove the fuser unit.
[See P.19](#)
2. Remove the waste toner bottle.
[See P.14](#)
3. Remove the rear cover.
[See P.43](#)
4. Remove the left cover.
[See P.43](#)
5. Remove the rear right cover.
[See P.44](#)
6. Remove the FAX board.
[See P.50](#)
7. Remove the high voltage unit.
[See P.57](#)
8. Remove the ADF.
[See P.94](#)
9. Remove the scanner unit.
[See P.92](#)
10. Remove the front right cover.
[See P.45](#)
11. Remove the upper cover.
[See P.49](#)



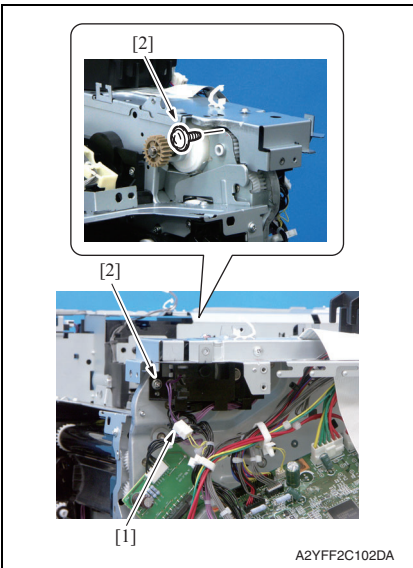
12. Disconnect the connector [1].
13. Remove the screw [2], and remove the exit drive assy [3].
14. Disconnect two connectors [4].



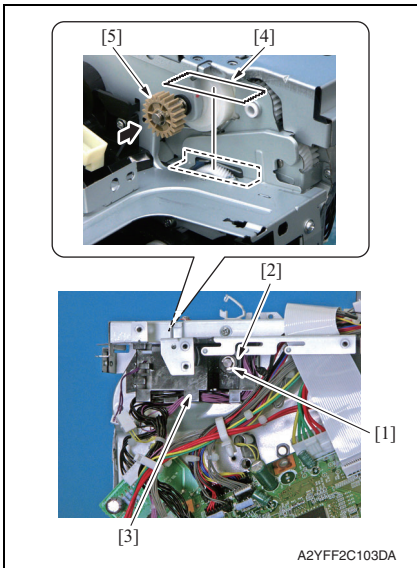
15. Remove the wire saddle [1] from metal plate.



16. Loosen the screw [1].
17. Remove the three screws [2].



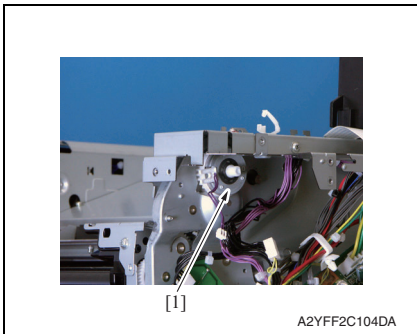
18. Disconnect the connector [1].
19. Remove two screws [2].



20. Remove the E-ring [1] and bushing [2], and remove the holder [3].

NOTE

- Before removing the holder [3], attach tape or similar material [4] to the section shown in the illustration to prevent the shaft from falling down and being lost.
- While removing the holder [3], the gear [5] needs to be pushed in the direction of the arrow.



21. Remove the loop detection clutch [1].

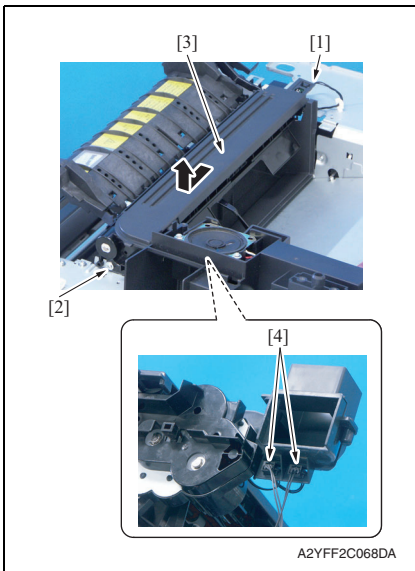
22. To reinstall, reverse the order of removal.

NOTE

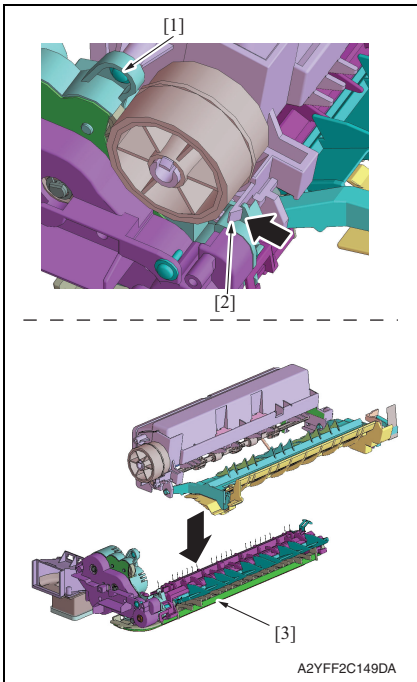
- While reinstalling the holder, the gear needs to be pushed.
- After reinstallation, remove the tape attached in step 20.

7.3.28 Switchback roller feed clutch (CL11) / Switchback roller reverse clutch (CL12)

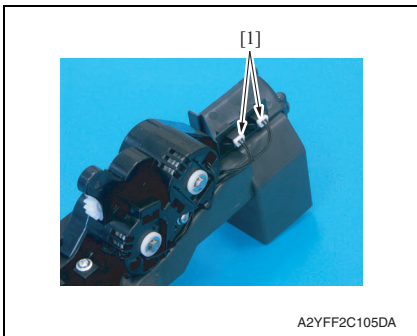
1. Remove the fuser unit.
[See P.19](#)
2. Remove the waste toner bottle.
[See P.14](#)
3. Remove the rear cover.
[See P.43](#)
4. Remove the left cover.
[See P.43](#)
5. Remove the ADF.
[See P.94](#)
6. Remove the scanner unit.
[See P.92](#)
7. Remove the front right cover.
[See P.45](#)
8. Remove the upper cover.
[See P.49](#)



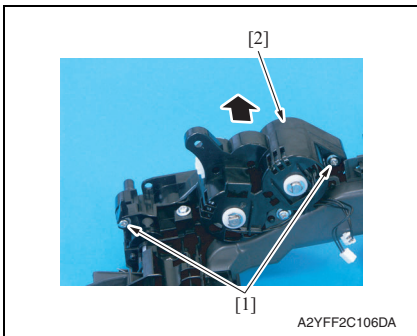
9. Disconnect the connector [1].
10. Remove the screw [2], and remove the exit drive assy [3].
11. Disconnect two connectors [4].



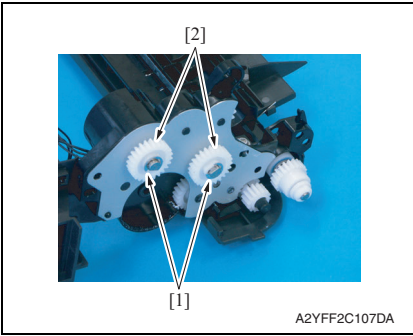
- 12. Remove the screw [1].
- 13. While pushing the tab [2] in the direction of the arrow to unlock it, disassemble and remove the exit drive Assy [3].



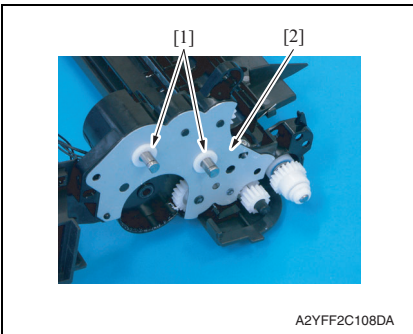
- 14. Disconnect two connectors [1].



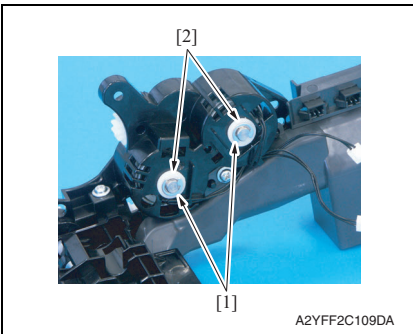
- 15. Remove two screws [1], and remove the gear Assy [2].



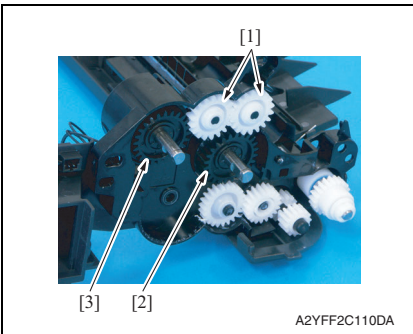
- 16. Remove two E-rings [1]
- 17. Remove two gears [2].



- 18. Remove two bushings [1], and remove the metal plate [2].



- 19. Remove two E-rings [1] and two bushings [2].

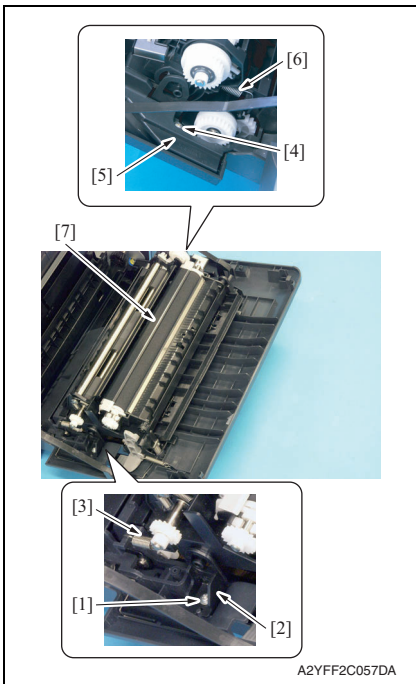


- 20. Remove two gears [1] and remove the switchback roller feed clutch [2] or the switchback roller reverse clutch [3].

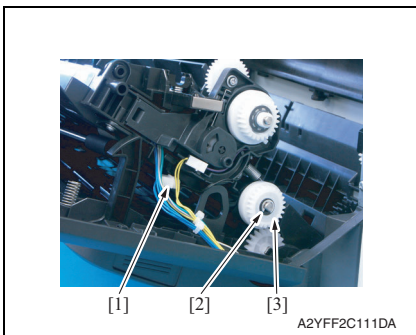
21. To reinstall, reverse the order of removal.

7.3.29 Duplex conveyance roller clutch (CL13)

1. Open the right door.



2. Remove the screw [1], and remove the fixed cover [2].
3. Remove the spring [3].
4. Remove the screw [4], and remove the harness cover [5].
5. Remove the spring [6].
6. Remove the conveyance unit [7].

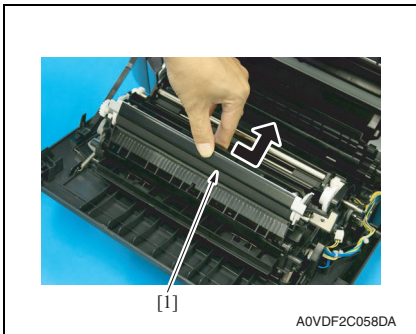


7. Disconnect the connector [1].
8. Remove the E-ring [2] and remove the duplex conveyance roller clutch [3].

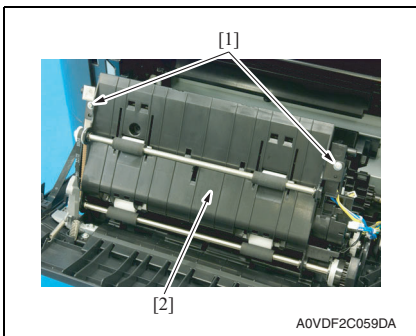
9. To reinstall, reverse the order of removal.

7.3.30 2nd transfer release solenoid (SD2)

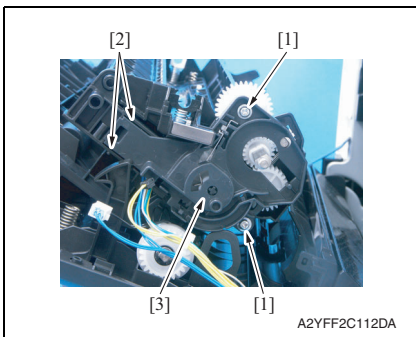
1. Remove the registration clutch.
See P.74



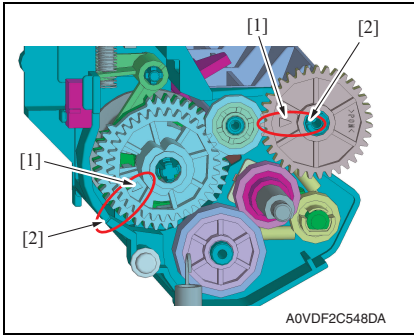
2. Remove the 2nd transfer roller unit assy [1].



3. Remove two screws [1], and remove the duplex conveyance roller assy [2].

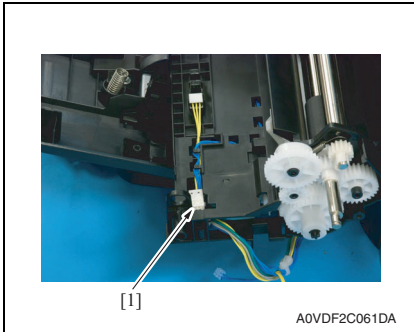


4. Remove two screws [1] and unlock two tabs [2], and remove the holder [3].

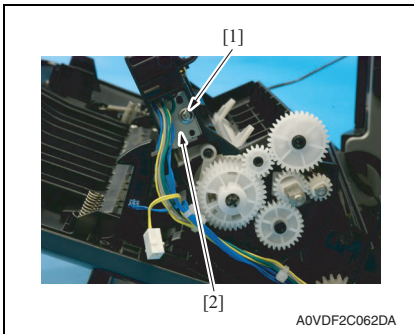


NOTE

- If the gears come off and they need to be reinstalled, align the arrow [1] on the gear with the marked line [2] on the holder.



5. Disconnect the connector [1].

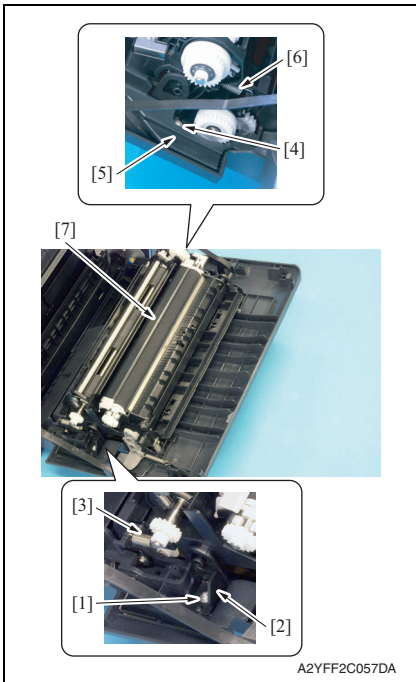


6. Remove the screw [1], and remove the 2nd transfer release solenoid [2].

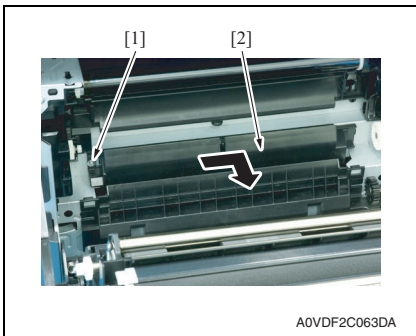
7. To reinstall, reverse the order of removal.

7.3.31 Temperature/humidity sensor (TEM/HUMS)

1. Open the right door.



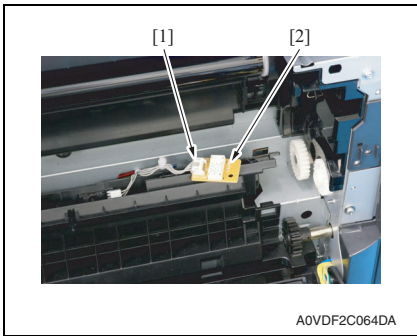
2. Remove the screw [1], and remove the fixed cover [2].
3. Remove the spring [3].
4. Remove the screw [4], and remove the harness cover [5].
5. Remove the spring [6].
6. Remove the conveyance unit [7].



7. Remove the screw [1] and remove the sensor holder [2] as shown in the illustration on the left.

NOTE

- Do not jerk off the sensor holder, to which a harness is connected.



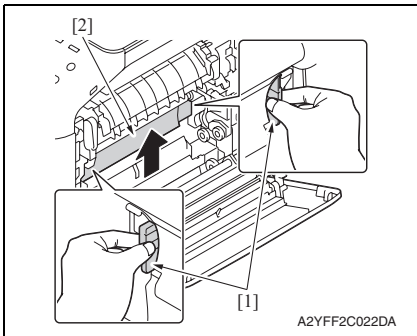
A0VDF2C064DA

8. Disconnect the connector [1], and remove the temperature/humidity sensor [2].

9. To reinstall, reverse the order of removal.

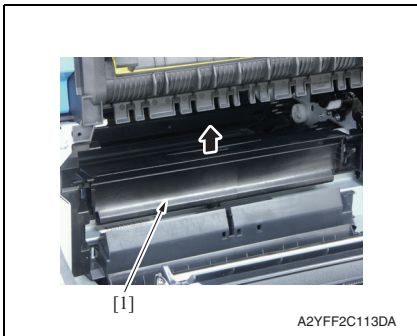
7.3.32 IDC sensor (IDC)

1. Remove the toner cartridge (C,M,Y,K).
[See P.8](#)
2. Remove the waste toner bottle.
[See P.14](#)
3. Remove the imaging unit (C,M,Y,K).
[See P.11](#)
4. Remove the exit cover.
[See P.44](#)
5. Remove the transfer belt unit.
[See P.16](#)



A2YFF2C022DA

6. Hold the both handles [1] and raise the guide [2].

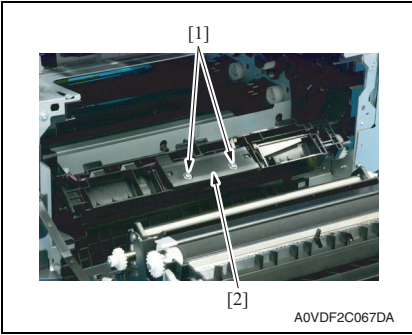


A2YFF2C113DA

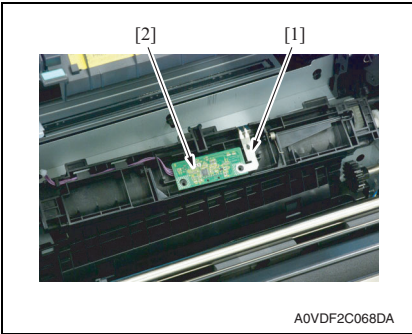
7. Raise the guide [1] further and remove it.

NOTE

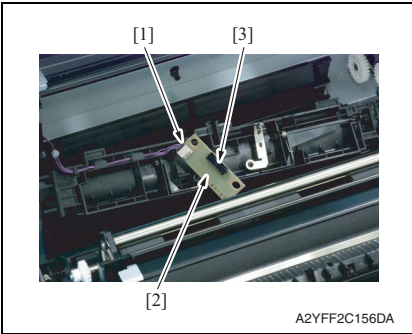
- Do not jerk off the sensor holder, to which a harness is connected.



- 8. Remove two screws [1], and remove the sensor cover [2].



- 9. While slightly raising the ground plate [1], remove the IDC sensor [2].



- 10. Disconnect the connector [1], and remove the IDC sensor [2].

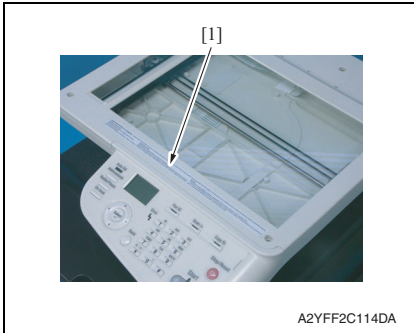
NOTE

- Be careful not to break the sensor head [3] of the IDC sensor.

- 11. To reinstall, reverse the order of removal.

7.3.33 Scanner motor

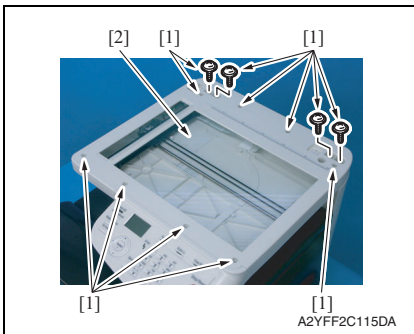
1. Remove the rear cover.
See P.43
2. Remove the ADF.
See P.94



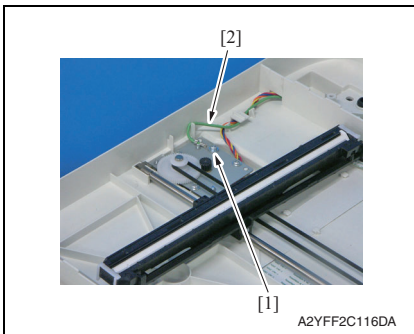
3. Peel off the label [1].

NOTE

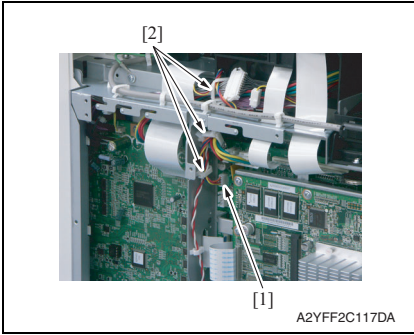
- After reinstalling the original glass, attach the label (Parts No.: A121 9447 ##) again.



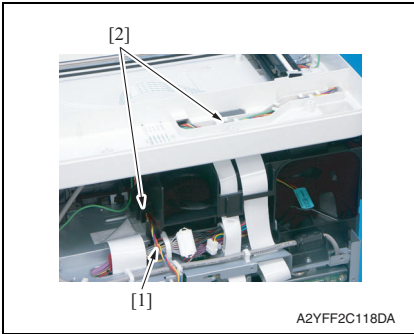
4. Remove 12 screws [1], and remove the original glass [2].



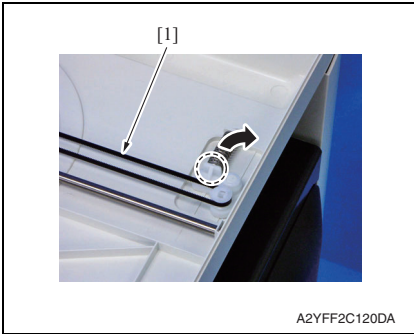
5. Remove the screw [1], and remove the earth cable [2].



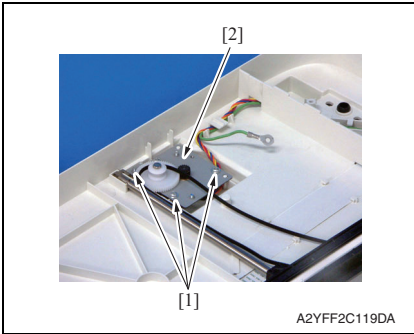
- 6. Disconnect the connector [1] (P106), and remove it from three wire saddles [2].



- 7. Remove the harness [1] from two harness guides [2].



- 8. While releasing the stopper, remove the belt [1].

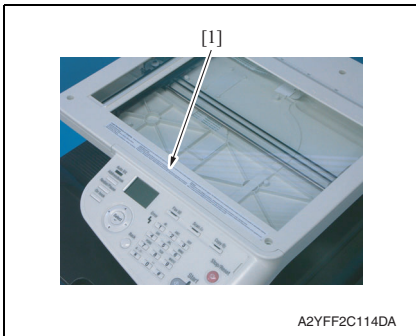


- 9. Remove three screws [1], and remove the scanner motor [2].

10. To reinstall, reverse the order of removal.

7.3.34 CIS module

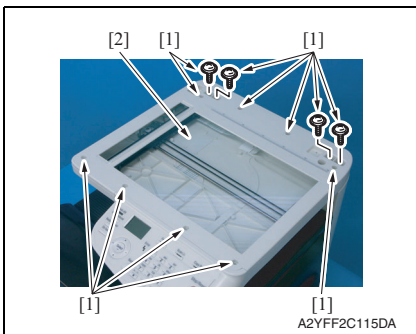
1. Remove the rear cover.
[See P.43](#)
2. Remove the ADF.
[See P.94](#)



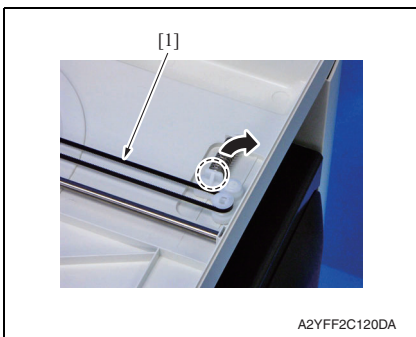
3. Peel off the label [1].

NOTE

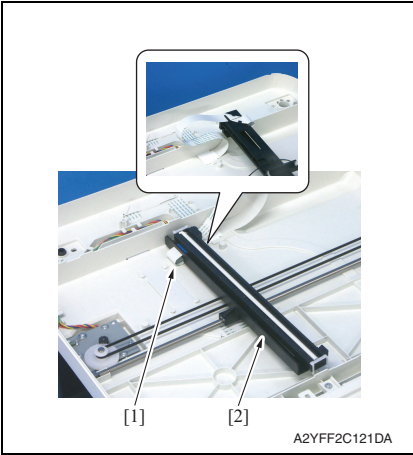
- After reinstalling the original glass, attach the label (Parts No.: A121 9447 ##) again.



4. Remove 12 screws [1], and remove the original glass [2].



5. While releasing the stopper, remove the belt [1].



- 6. Disconnect the flat cable [1], and remove it from the flat cable guide.
- 7. Remove the CIS module [2].

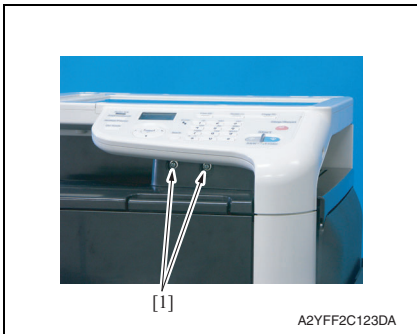
8. To reinstall, reverse the order of removal.

7.3.35 Scanner unit

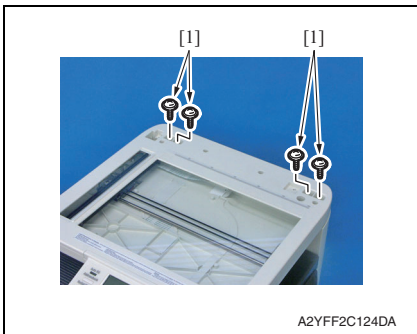
- 1. Remove the rear cover.
[See P.43](#)
- 2. Remove the left cover.
[See P.43](#)
- 3. Remove the ADF.
[See P.94](#)



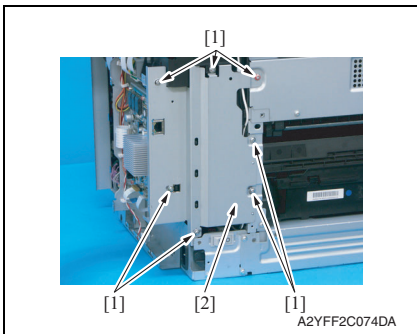
- 4. Remove two caps [1].



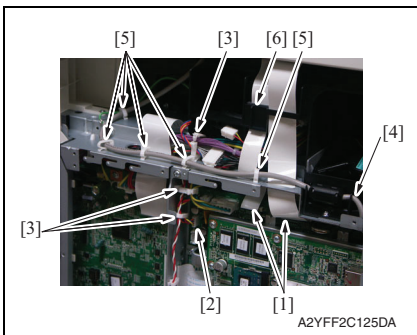
5. Remove two screws [1].



6. Remove four screws [1].



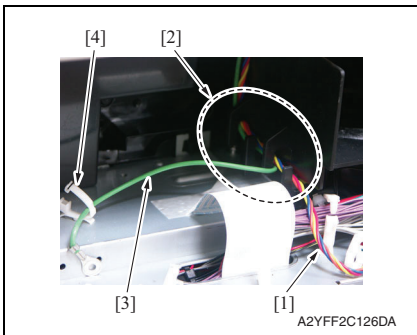
7. Remove seven screws [1], and remove the bracket [2].



- 8. Disconnect two flat cables [1] (P103, P104).
- 9. Disconnect the connector [2] (P106), and remove it from three wire saddles [3].
- 10. Disconnect the USB cable [4] (CN101) from the MFP board/1, and remove it from five wire saddles [5].

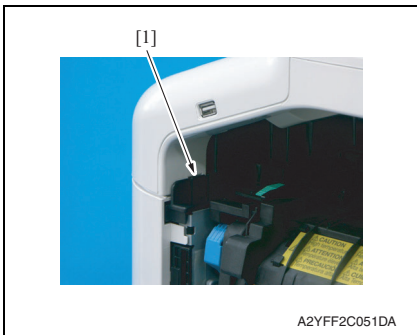
NOTE

- **When disconnecting the flat cable, make sure not to lose the ferrite core [6].**



A2YFF2C126DA

11. Remove the harness [1] from the harness guide [2].
12. Remove the earth cable [3] from the wire saddle [4] and the harness guide [2].



A2YFF2C051DA

13. Remove the tab [1].
14. Remove the scanner unit.

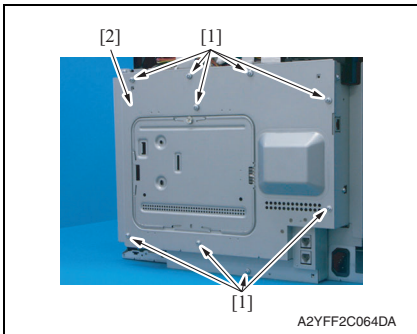
NOTE

- When unhook the tab [1], use the flathead screwdriver or the similar tool.

15. To reinstall, reverse the order of removal.

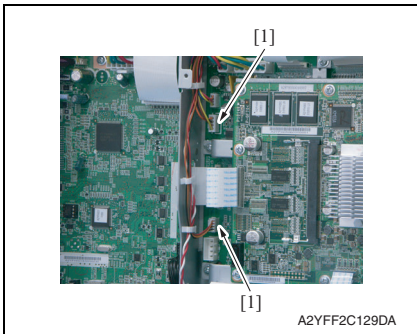
7.3.36 ADF

1. Remove the rear cover.
[See P.43](#)

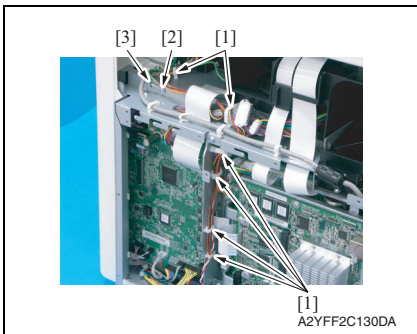


A2YFF2C064DA

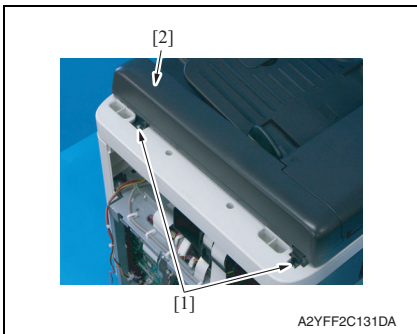
2. Remove nine screws [1], and remove the board protective shield [2].



- 3. Disconnect two connectors [1] (P107,P110).



- 4. Remove the harness from six wire saddles [1].
- 5. Remove the screw [2], and remove the earth cable [3] from wire saddle.

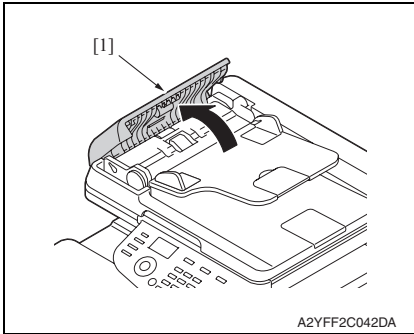


- 6. Remove two screws [1], and remove the ADF [2].

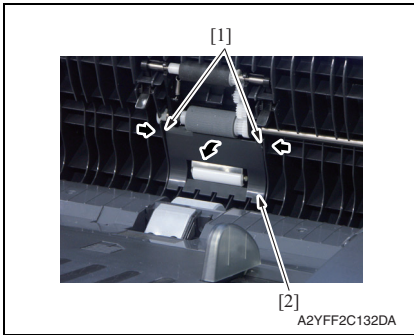
bizhub C25

MAINTENANCE

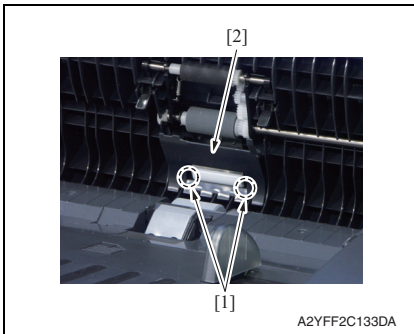
7.3.37 ADF pick-up roller / ADF feed roller



1. Open the ADF feed cover [1].



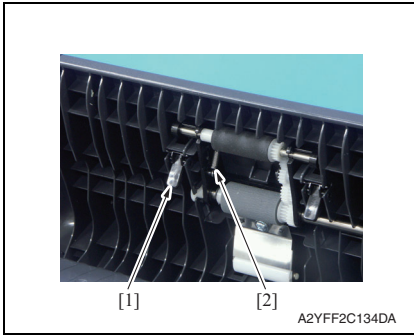
2. Release two tabs [1], and pull the cover [2] toward you.



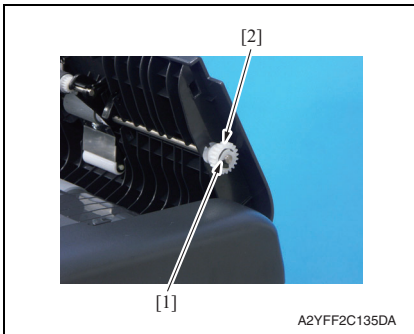
3. Unhook two tabs [1], and remove the cover [2].

bizhub C25

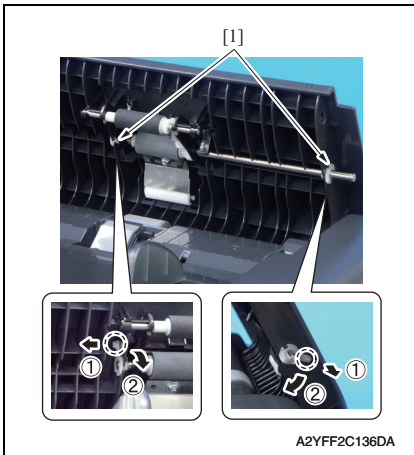
MAINTENANCE



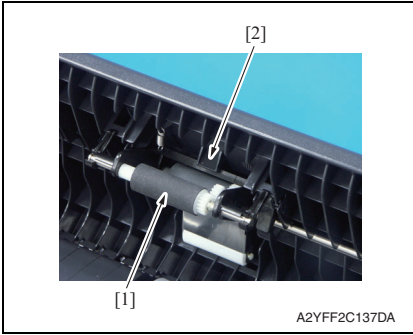
4. Remove the lever [1], and remove the spring [2].



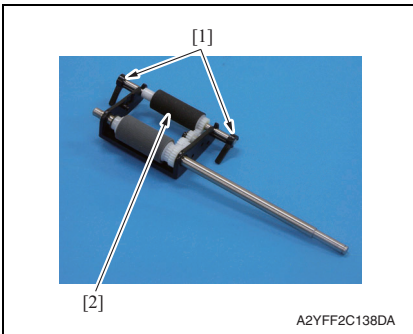
5. Remove the C-ring [1], and remove the gear [2].



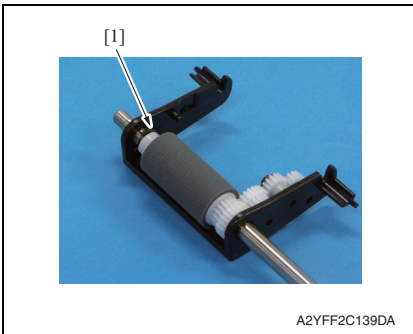
6. Remove two bushing [1].



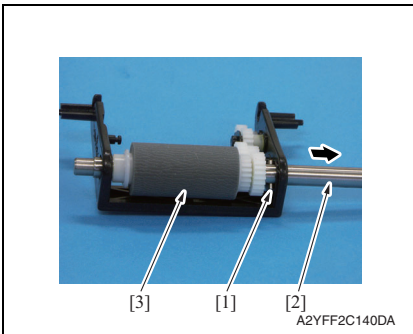
- 7. Pull the pick-up roller [1] toward you, and release the tab [2].
- 8. Remove the roller unit.



- 9. Remove two levers [1], and remove the pick-up roller [2].

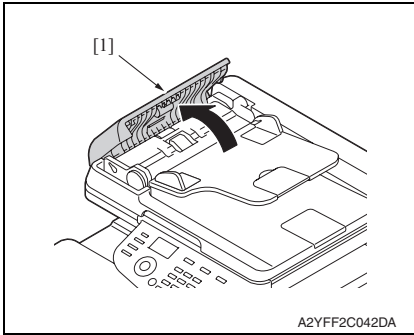


- 10. Remove the C-ring [1].

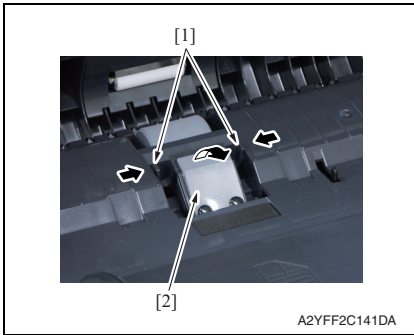


- 11. Remove the pin [1], and remove the shaft [2].
- 12. Remove the feed roller [3].

7.3.38 ADF separation pad



A2YFF2C042DA



A2YFF2C141DA

1. Open the ADF feed cover [1].
2. Unhook two tabs [1], and remove the ADF separator pad [2].

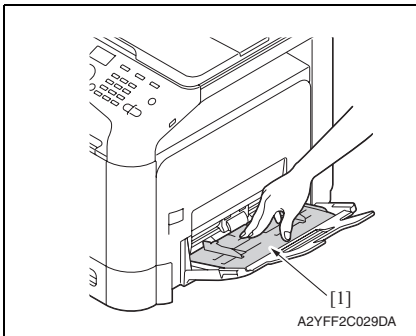
7.4 Cleaning procedure

NOTE

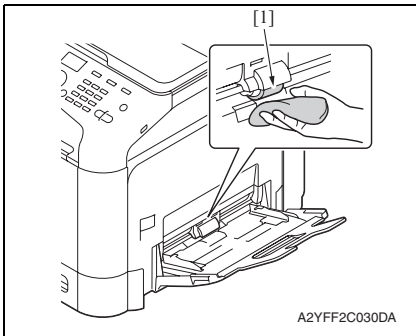
- The alcohol described in the cleaning procedure represents the isopropyl alcohol.

7.4.1 Tray1 feed roller

1. Open the tray1.



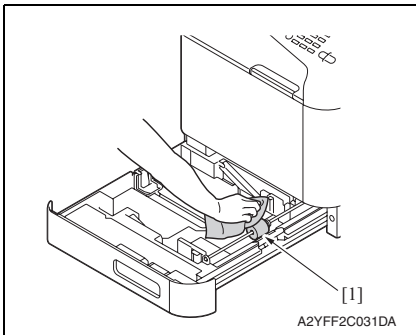
2. Press down the media lifting metal plate [1].



3. Using a cleaning pad dampened with alcohol, wipe the tray1 feed roller [1] clean of dirt.

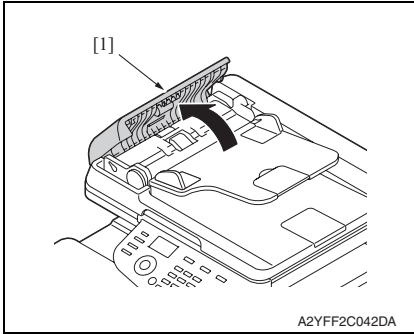
7.4.2 Tray2 feed roller

1. Slide out tray2.

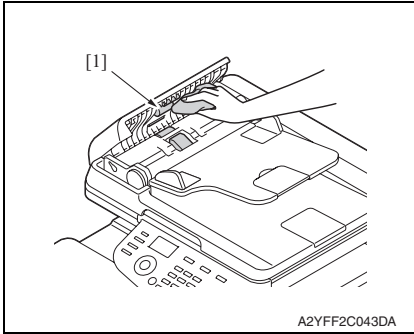


2. Using a cleaning pad dampened with alcohol, wipe the tray2 feed roller [1] clean of dirt.

7.4.3 ADF feed roller



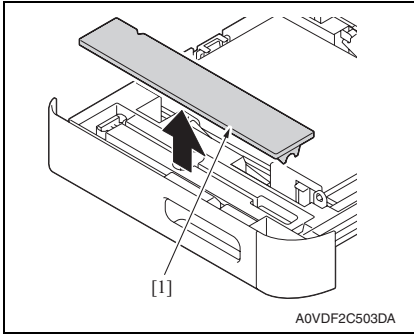
1. Open the ADF feed cover [1].



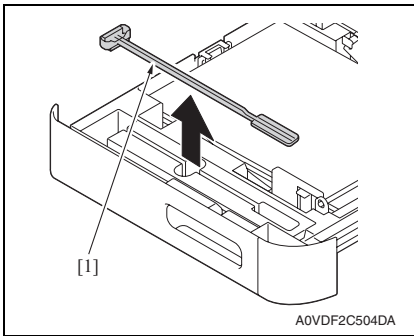
2. Using a cleaning pad dampened with alcohol, wipe the ADF feed roller [1] clean of dirt.

7.4.4 Laser irradiation section

1. Slide out tray2.

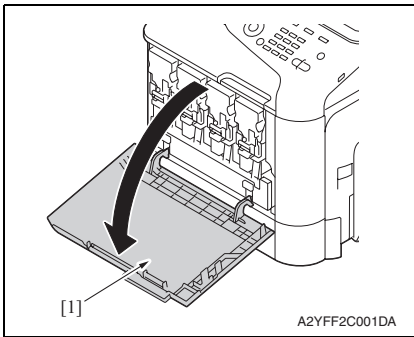


2. Remove the cover [1].

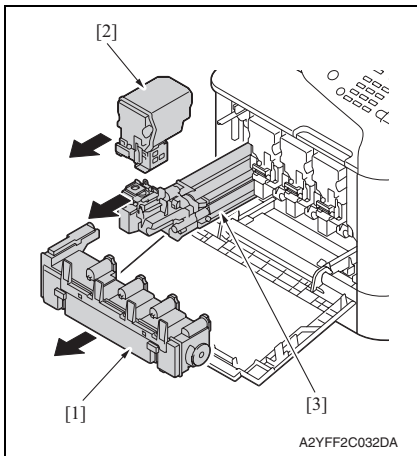


3. Remove the laser lens cleaning tool [1].

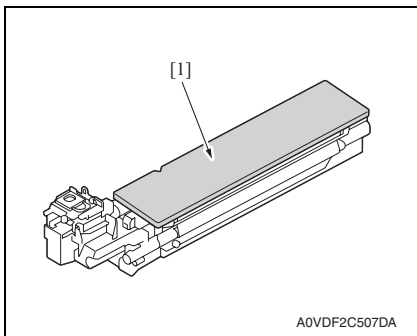
4. Close the tray2.



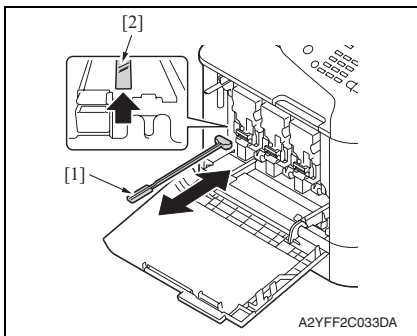
5. Open the front door [1].



- 6. Remove the waste toner bottle [1].
[See P.14](#)
- 7. Remove the toner cartridge [2].
[See P.8](#)
- 8. Remove the imaging unit [3].
[See P.11](#)



- 9. Attach the cover [1] to the removed imaging unit.



- 10. Insert the laser lens cleaning tool [1] into the imaging unit opening [2], pull it out, and then repeat this back and forth movement 2 or 3 times.