4.   PERIODICAL MAINTENANCE PROCEDURE

4.1   Processing section

4.1.1   Replacing the toner cartridge (C, M, Y, K)

A. Periodically replaced parts/cycle
• Standard-in box toner cartridge (C, M, Y, K): Every 2,000 images
• High-capacity toner cartridge (C, M, Y): Every 4,500 images
• High-capacity toner cartridge (K): Every 5,000 images

B. Removal procedure
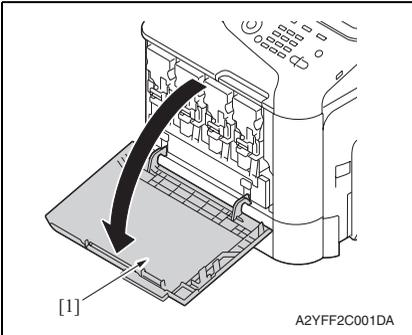
1. Open the front door [1].
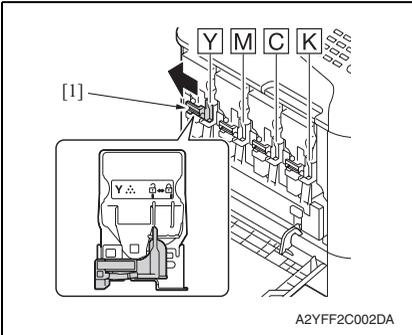
2. Slide the lock lever [1] to the left.
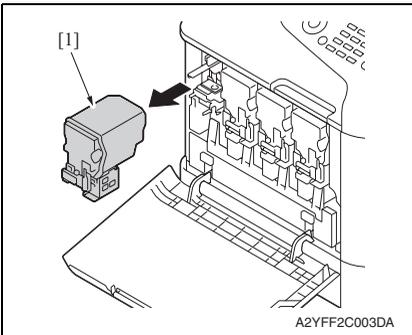
3. Grab the handle of the toner cartridge [1] to be replaced, and then pull out the toner cartridge [1].

C. Reinstallation procedure

[1]
[2]

A0VDF2C521DA
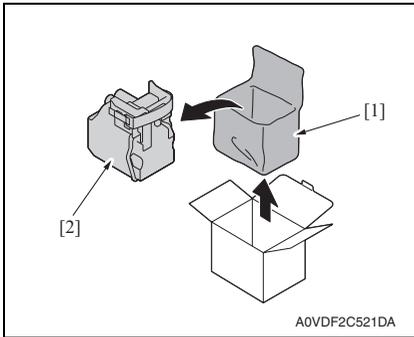
1. Take the toner cartridge [2] out of its plastic bag [1].

[1]

3 ×

A0VDF2C522DA
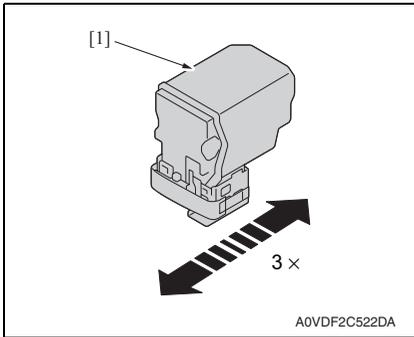
2. Gently shake the toner cartridge [1] three times to agitate the toner.

[1]

A0VDF2C523DA
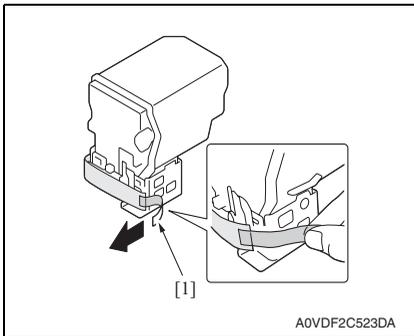
3. Peel off the protective film tape [1] from the right side of the toner cartridge.

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[1]

A2YFF2C004DA
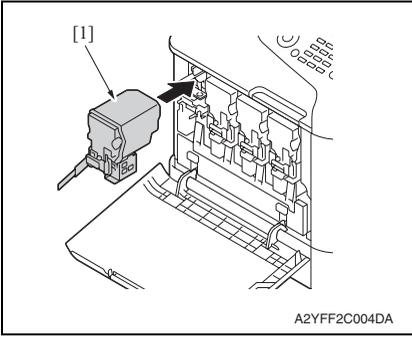
4. Insert the toner cartridge [1] into the machine.

[1]

Y

A2YFF2C005DA
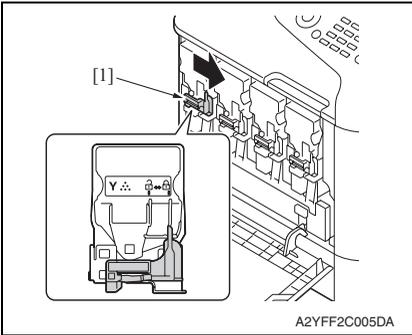
5. Slide the lock lever [1] to the right to lock the toner cartridge.

[1]

A2YFF2C006DA
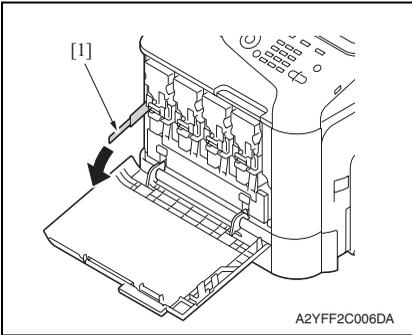
6. Remove the protective film [1].

[1]

A2YFF2C007DA
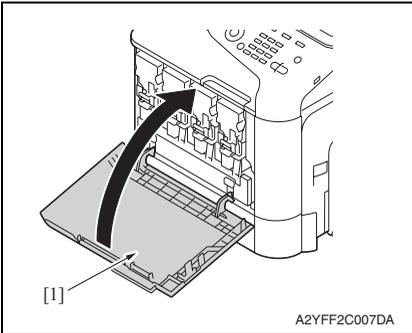
7. Close the front door [1].

4.1.2   Replacing the imaging unit (C, M, Y, K)

A. Periodically replaced parts/cycle
• Imaging unit (C, M, Y, K): Every 30,000 images (Continuous printing) or
                                         20,000 images (2 pages/job)

B. Removal procedure
1. Remove the toner cartridge.
   See P.8
2. Remove the waste toner bottle.
   See P.14

A2YFF2C008DA
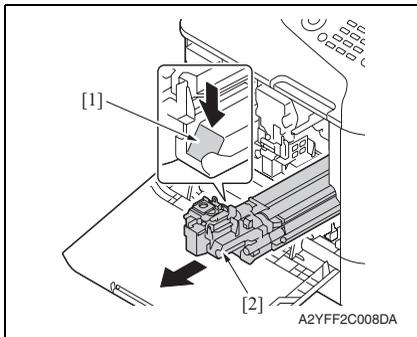
3. Press down the "Push" marked place [1].
4. Pull the imaging unit [2] out.

C. Reinstallation procedure

A0VDF2C529DA
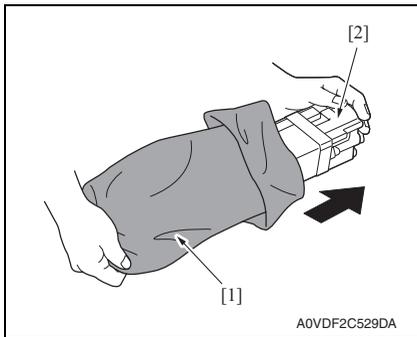
1. Take the imaging unit [2] out of the plastic bag [1].

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A0VDF2C530DA
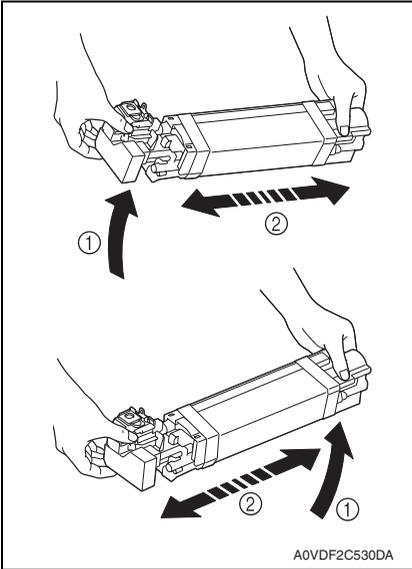
2. Hold the imaging unit with both hands, and then shake it twice as shown in the illustration.

[2]

[1]

A0VDF2C531DA
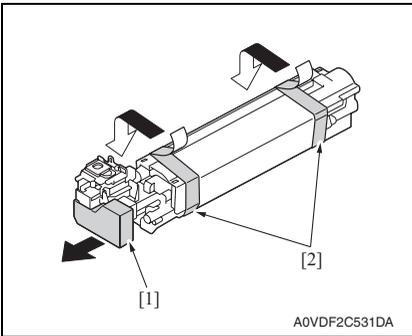
3. Remove the protective cover [1] from the imaging unit.
4. Remove all packing tape [2] from the imaging unit.

[2]

[1]

A0VDF2C532DA
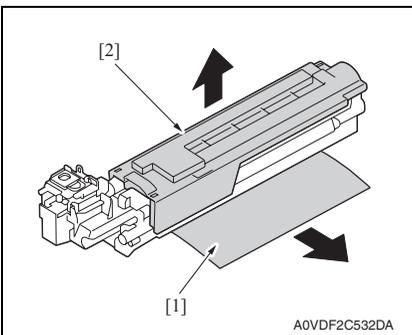
5. Remove the paper [1] from the imaging unit.
6. Remove the protective cover [2] from the imaging unit.

[1]

A2YFF2C009DA
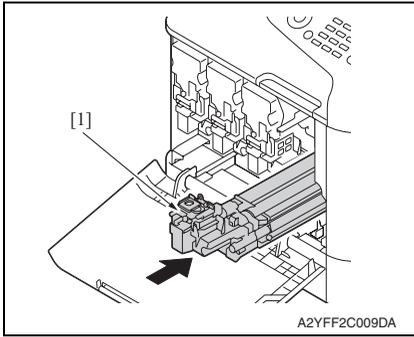
7. Slide the imaging unit [1] in.

8. Install the waste toner bottle.
See P.14
9. Install the toner cartridge.
See P.8
10. Close the front door.

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4.2 Transfer section

4.2.1 Replacing the waste toner bottle

A. Periodically replaced parts/cycle
• Waste toner bottle: Every 6,500 images (full color)

B. Removal procedure

A2YFF2C001DA

1. Open the front door [1].

A2YFF2C010DA
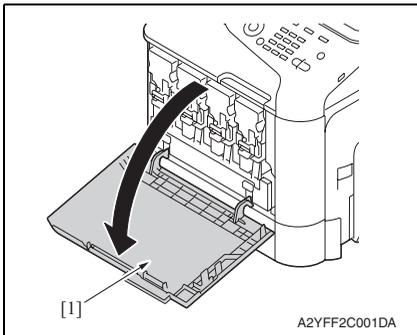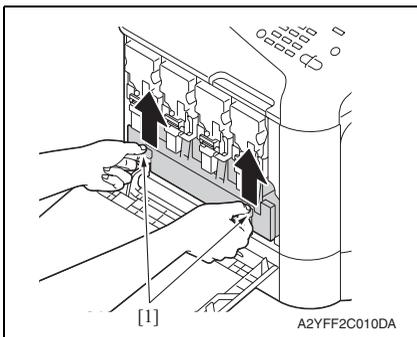
2. Raise the left and right handles [1] to unlock the waste toner bottle.

A2YFF2C011DA
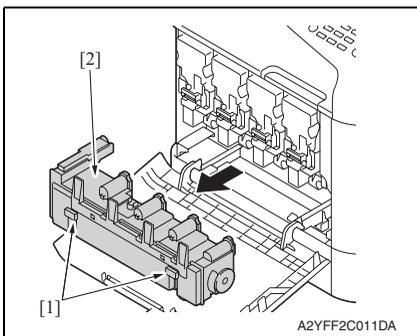
3. Grab the left and right handles [1], remove the waste toner bottle [2].

4. To reinstall, reverse the order of removal.

4.2.2 Replacing the transfer roller

A. Periodically replaced parts/cycle

• Transfer roller: Every 100,000 images (2 pages/job)

B. Removal procedure

1. Open the right door.

A2YFF2C012DA
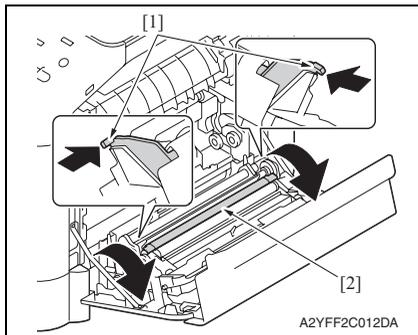
2. Push two levers [1] inside to unlock the transfer roller.

3. Rotate the transfer roller [2] in the direction of the arrow.

A2YFF2C013DA
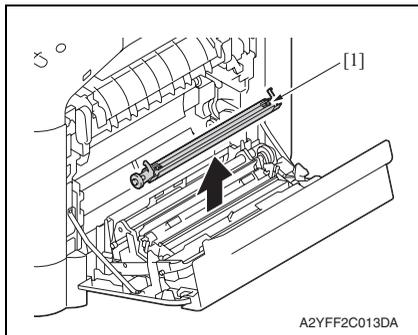
4. Remove the transfer roller [1].

5. To reinstall, reverse the order of removal.

6. From the Menu, select [SERVICE MODE] $\rightarrow$ [ADJUST] $\rightarrow$ [SUPPLIES REPLACE] $\rightarrow$ [TRANSFER ROLLER] and execute this function to reset the transfer roller counter value.

7. From the Menu, select [PS/PCL PRINT] $\rightarrow$ [QUALITY MENU] $\rightarrow$ [CARIBRATION] $\rightarrow$ [TONE CALIBRATION] and execute this function.

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4.2.3 Replacing the transfer belt unit

A. Periodically replaced parts/cycle
• Transfer belt unit: Every 100,000 images (2 pages/job)

B. Removal procedure
1. Turn OFF the power switch.
2. Remove the waste toner bottle.
   See P.14
3. Remove the toner cartridge (C,M,Y,K).
   See P.8
4. Remove the imaging unit (C,M,Y,K).
   See P.11

A2YFF2C014DA
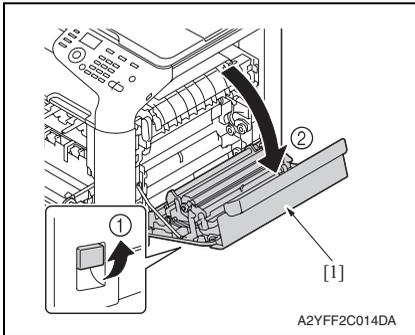
5. Open the right door [1].
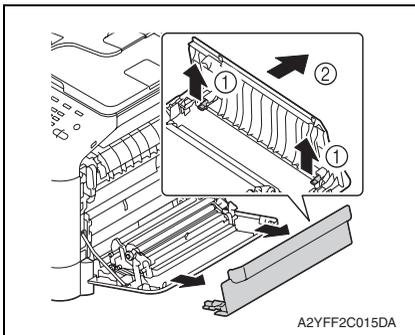
A2YFF2C015DA

6. Remove the exit cover.

[1]
A2YFF2C016DA
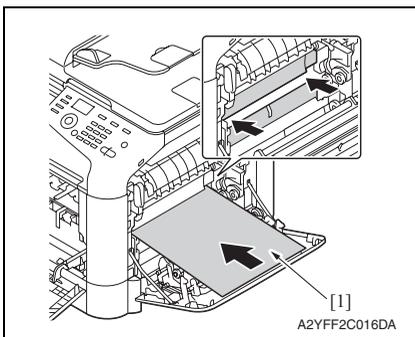
7. Completely insert the protective sheet [1] supplied with the transfer belt in the direction of the arrow.

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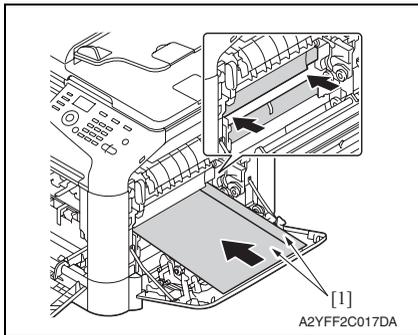
A2YFF2C017DA

NOTE
- **If the protective sheet is not sup-plied, use two sheets [1] of A4 or Letter paper as shown in the illus-tration.**
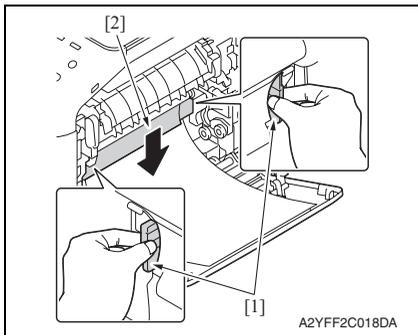
A2YFF2C018DA

8. Hold the both handles [1] and lower the guide [2].
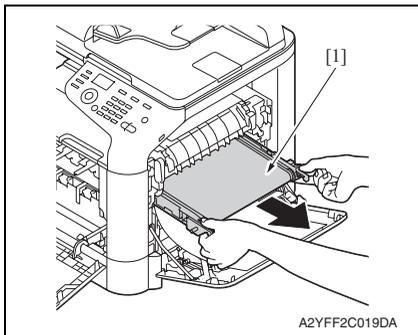
A2YFF2C019DA

9. Hold the handles, and then carefully pull out the transfer belt [1].
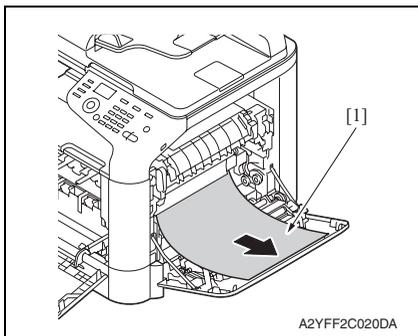
A2YFF2C020DA

10. Pull the protective sheet [1] out.

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[1]

A0VDF2C536DA
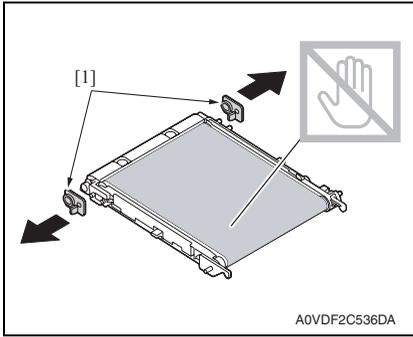
11. Remove the protective cover [1] from the new transfer belt.

NOTE
• **Be careful not to touch the surface of the belt.**

[1]

[2]   A2YFF2C021DA
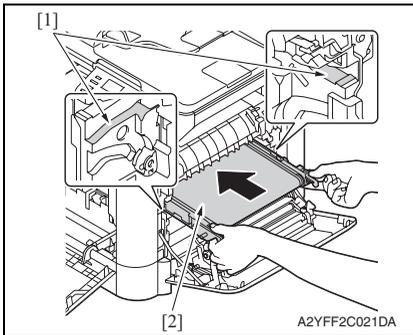
12. Insert the transfer belt [2] along the rails [1].

[2]

[1]   A2YFF2C022DA
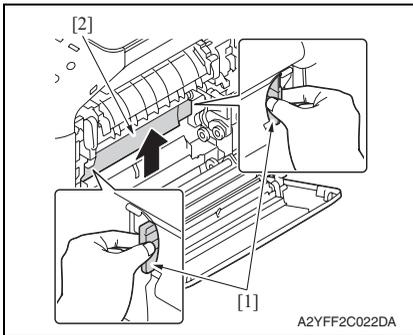
13. Hold the both handles [1] and raise the guide [2].

14. To reinstall, reverse the order of removal.
15. From the Menu, select [SERVICE MODE] → [ADJUST] → [SUPPLIES REPLACE] → [TRANSFER BELT] and execute this function to reset the transfer belt counter value. See P.145
16. From the Menu, select [PS/PCL PRINT] → [QUALITY MENU] → [CARIBRATION] → [TONE CALIBRATION] and execute this function.

4.3   Fusing section

4.3.1   Replacing the fuser unit

⚠ CAUTION
⚠ • **The temperature gets high in the vicinity of the fuser unit. You may get burned when you come into contact with the area. Before replacement operations, make sure that more than 20 minutes have elapsed since the main and sub power switches were turned off.**

A.   Periodically replacing parts/cycle
• Fuser unit: Every 100,000 images (2 pages/job)

B.   Procedure
1.   Turn OFF the power switch, unplug the power cord from the power outlet, and let the machine to stand idle for about 20 min.

A2YFF2C023DA

2.   Open the right door [1].

A2YFF2C024DA
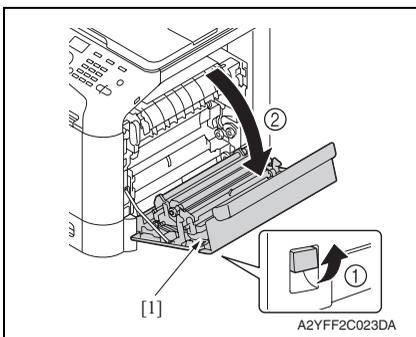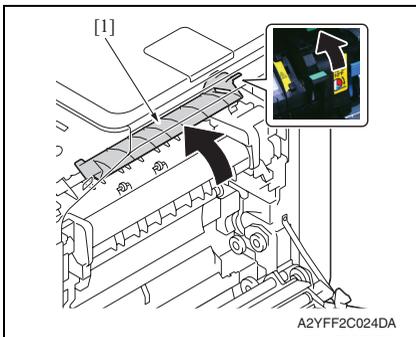
3.   Open the fuser unit cover [1].

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A2YFF2C025DA
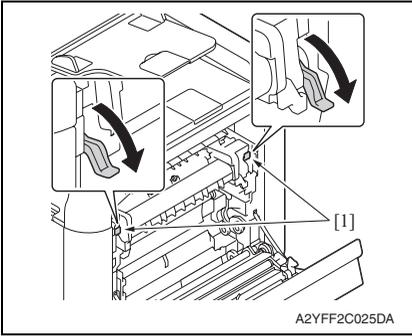
4. Pull down two levers [1].

A2YFF2C026DA
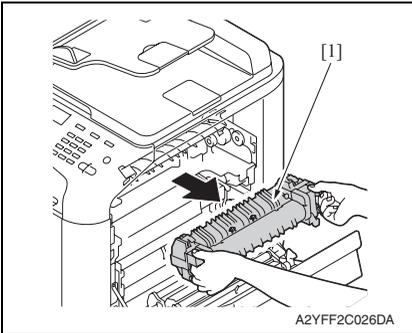
5. Remove the fuser unit [1].

6. Install the new fuser unit.
7. From the Menu, select [SERVICE MODE] → [ADJUST] → [SUPPLIES REPLACE] → [FUSER UNIT] and execute this function to reset the fuser unit counter value.
See P.145

4.4   Feed section

4.4.1   Replacing the tray1 feed roller

A.   Periodically replaced parts/cycle
• Tray1 feed roller: Every 300,000 images

B.   Procedure
1. Remove the tray1.
2. Open the right door.

A2YFF2C044DA
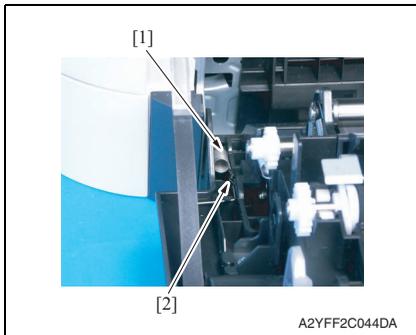
3. Detach the spring [1] from the hook [2] in order to unlock the plate.

A0VDF2C001DA
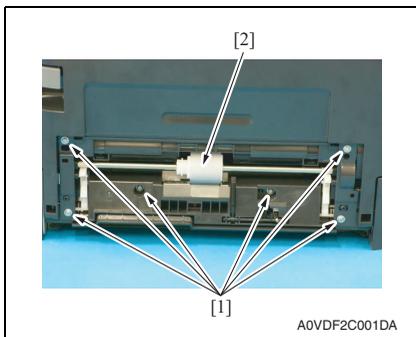
4. Remove six screws [1], and remove the tray1 feed roller assy [2].

A0VDF2C003DA
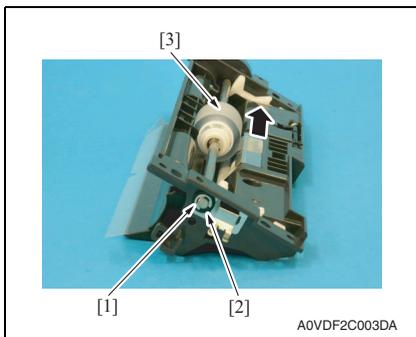
5. Remove the E-ring [1] and the bearing [2], and move the tray 1 feed roller assy [3] in the direction of the arrow.

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[2]

[1]

A0VDF2C004DA
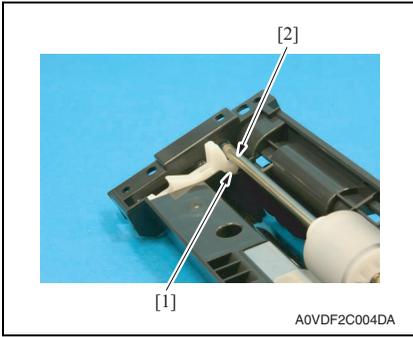
NOTE
• **When reinstalling the tray 1 feed roller assy, the stopper [1] must be located under the shaft [2] as shown in the illustration.**

[2]   [3]

[1]

A0VDF2C005DA
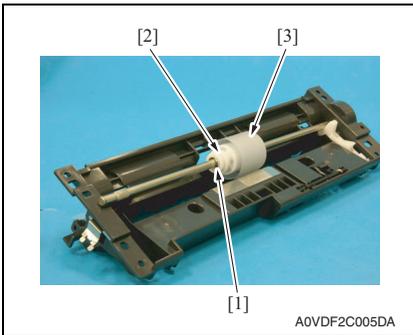
6. Remove the E-ring [1] and mechanism clutch [2], and remove the tray1 feed roller [3].

[1]

A0VDF2C547DA
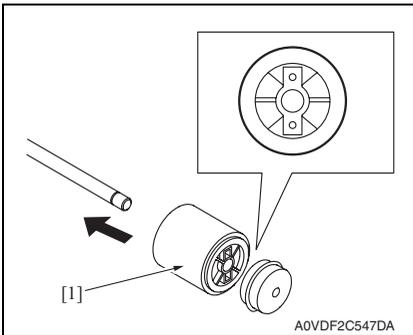
7. To reinstall, reverse the order of removal.

NOTE
• **When reinstalling the feed roller [1], make sure that it is mounted in the direction shown in the illustration on the left.**

4.4.2   Replacing the tray2 feed roller

A. Periodically replaced parts/cycle
• Tray2 feed roller: Every 300,000 images

B. Procedure
1. Remove the tray2.

[3] [1]

[2]

A0VDF2C006DA
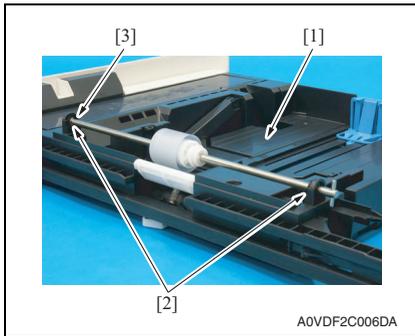
2. Lock the media lift metal plate [1].
3. Remove two E-rings [2] and the bushing [3].

[2]

[1]

A0VDF2C007DA
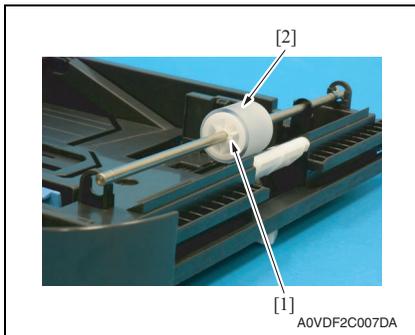
4. Remove the C-ring [1], and remove the tray2 feed roller [2].
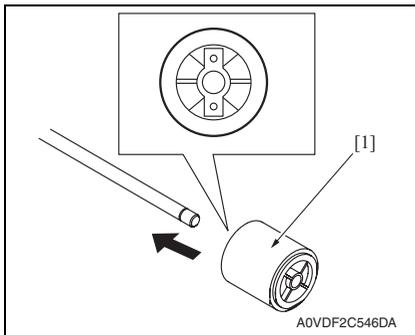
[1]

[1]

A0VDF2C546DA

NOTE
• **When reinstalling the feed roller [1], make sure that it is mounted in the direction shown in the illustration on the left.**

5. To reinstall, reverse the order of removal.

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