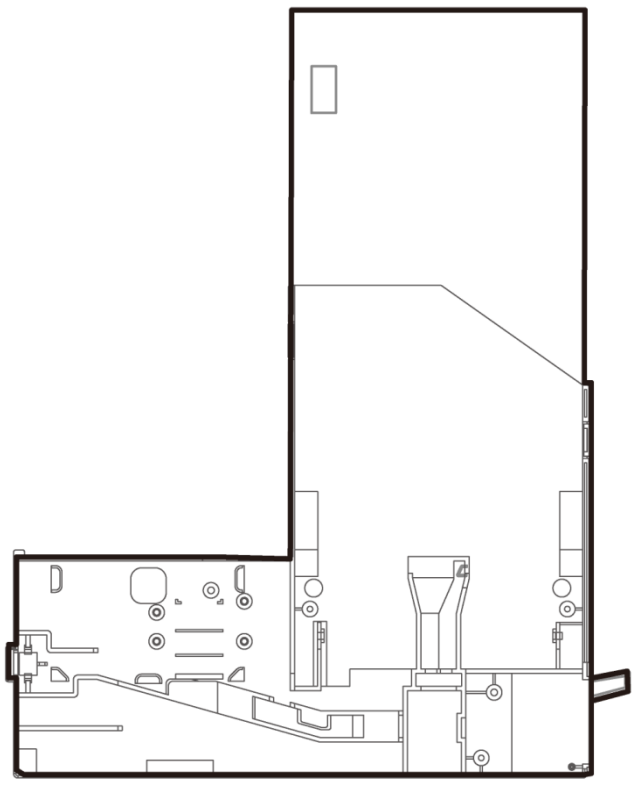
MUTOH

ValueJet

High-Capacity Ink Pack Adapter (UV)

VJ-HCIPADPT-UV6
VJ-HCIPADPT-UV8

Operation Manual



Read This Manual Before Using The Product

VJHCIE-A-04

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1 Introduction

1.1 Purpose of This Manual and Its Target Readers

This manual describes how to use the MUTOH High Capacity Ink Pack Adapter.

This manual is prepared for the users of this product.

Before using this product, make sure to fully understand the contents and directions in this manual.

⚠ CAUTION

- **No part of this product or this manual may be reproduced, copied, or transmitted in any form or by any means, except for personal use, without the permission of MUTOH.**
- **The product and the information contained herein are subject to change without notice.**
- **MUTOH has made the best efforts to keep this document free from error, but if you find any uncertainties or misprints, please call us or the shop where you purchased this product.**
- **MUTOH shall not be liable for any damages or troubles resulting from the use of this product or this manual.**

1.2 Safety Instruction

The contents of warnings are categorized into the following 2 types depending on the degree of risk (or the scale of the accident).

Make sure to understand the meaning of the following warning terms, and follow the instruction in this manual.

Safety terms	Details
⚠ CAUTION	Failure to follow the guidelines could result in minor or moderate injury or damage to the product.
NOTE	Used for the information that needs special attention or highlights.

1.3 Warning label

This section explains the handling of the warning label, labeling position, and type of label.

The warning label is applied to the product in place where special attention is required.

Please ensure that you understand the exact labeling position and the contents of the danger before operating this product.

1.3.1 Precautions on handling the warning label

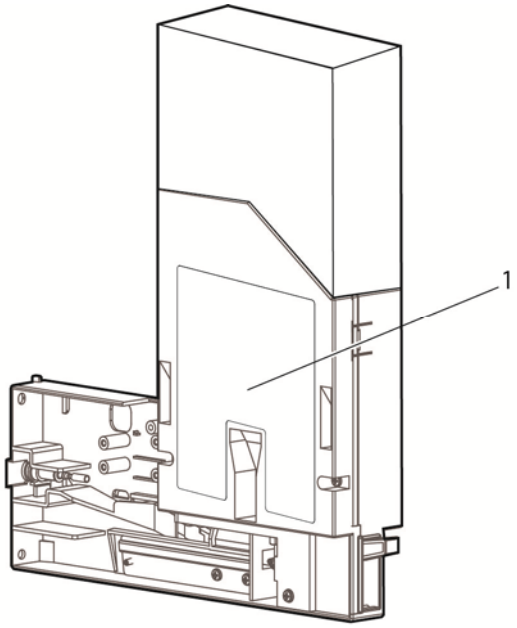
Please pay attention to the points listed below when handling the warning label.

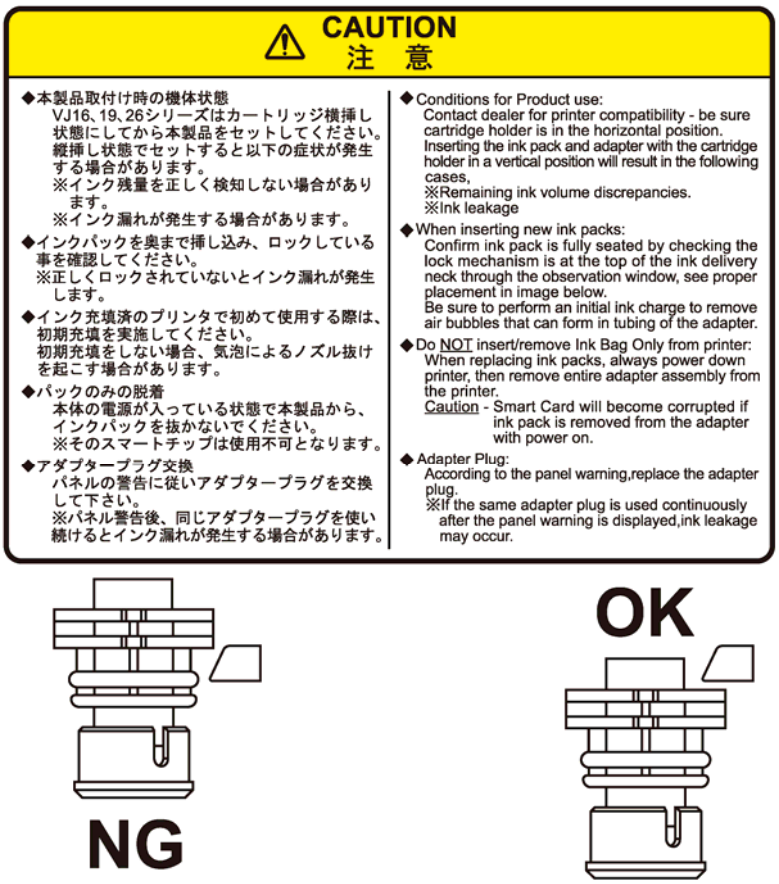
NOTE

- Make sure you can read all the contents on a warning label.
  If some of words or diagrams cannot be read, please clean the label.
- To remove dirt from the warning label, please use a cloth, water, and mild detergent.
  Do not use organic solvents or gasoline to clean the label.
- It is necessary to replace the label if damaged, lost or illegible.
  If the warning label needs to be replaced, contact to your local MUTOH dealer.

1.3.2 Warning label location and type

The diagram below indicates the location of the warning label.



No.	Type of warning label
1	

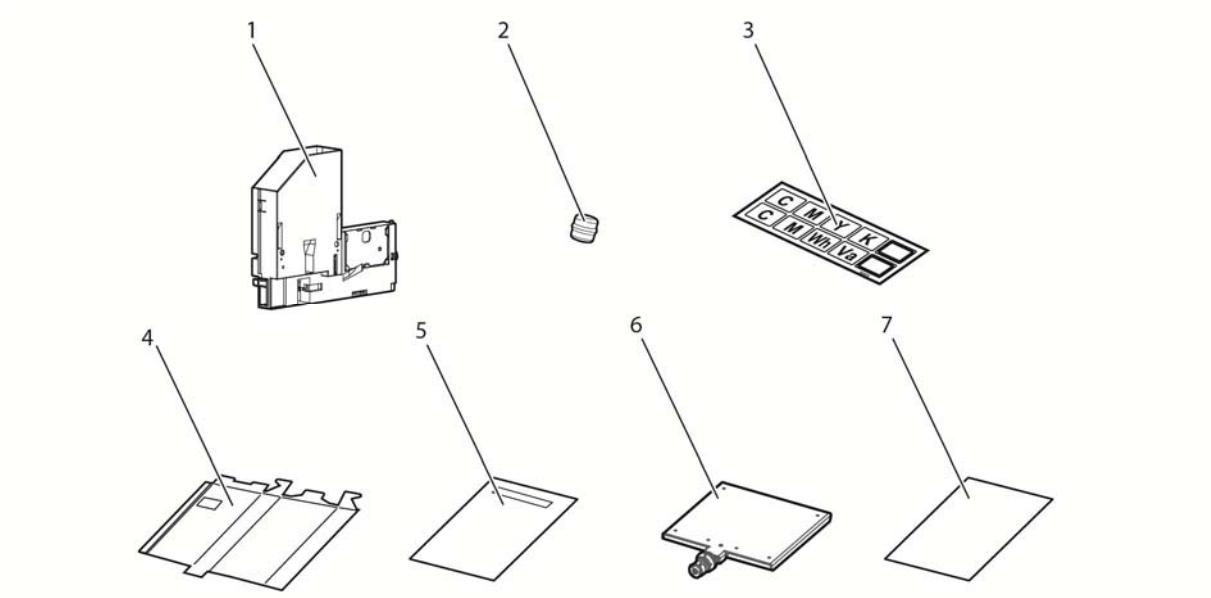
2 Checking the Contents

After unpacking the packing box, check that the printer is not damaged and all necessary parts are included.

NOTE

- After checking, if the printer is damaged or some parts are missing, contact your local MUTOH dealer.

2.1 Contents in the Box



<VJ-HCIPADPT-UV6>

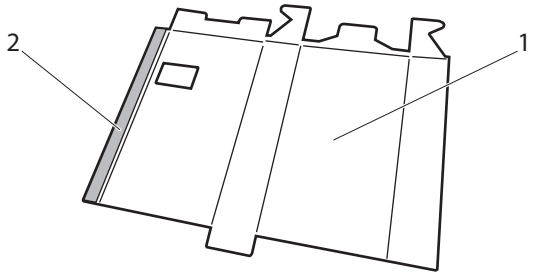
No.	Part Name	Quantity	No.	Part Name	Quantity
1	High-capacity ink pack adapter	6	2	Adapter's plug	20
3	Ink color label	1	4	Light-shielding case	6
5	Operation Manual (this manual)	1	6	High capacity ink pack adapter (UV) sealing jig	1
7	Aluminum foil bag	1			

<VJ-HCIPADPT-UV8>

No.	Part Name	Quantity	No.	Part Name	Quantity
1	High-capacity ink pack adapter	8	2	Adapter's plug	30
3	Ink color label	1	4	Light-shielding case	8
5	Operation Manual (this manual)	1	6	High capacity ink pack adapter (UV) sealing jig	1
7	Aluminum foil bag	1			

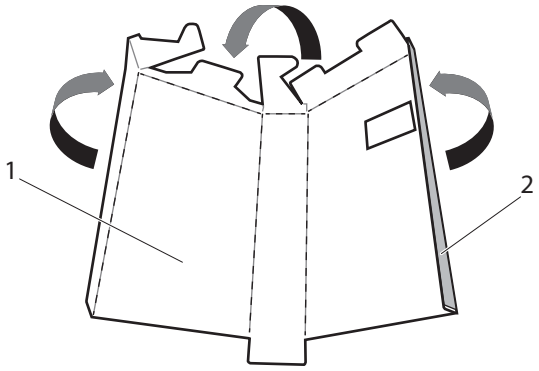
2.2 Assembling the Light-shielding Cases

1. Check the outer and the inner sides of the light-shielding case.
   - The rough surface with double-sided tape on it is the outer side of the light-shielding case.



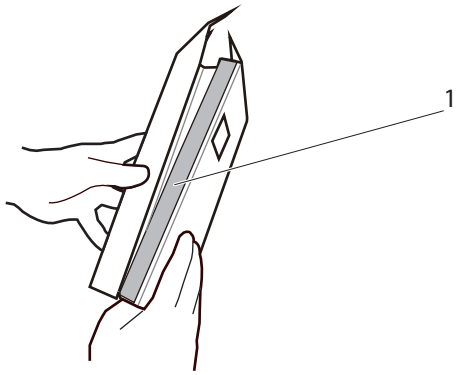
No.	Part Name
1	Light-shielding case (outer side)
2	Double-sided tape

2. Fold along the creases in the light-shielding case.



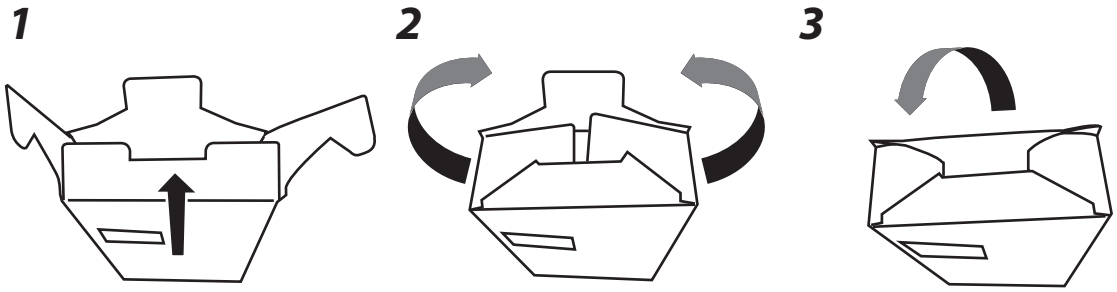
No.	Part Name
1	Light-shielding case (inner side)
2	Double-sided tape

3. Peel off the cover on the double-sided tape, and connect the light-shielding case.



No.	Part Name
1	Double-sided tape

4. Fold in the upper side of the light-shielding case.



5. Assemble the rest of the light-shielding cases in the same way.

3 How to Use

This section describes how to use this product.

CAUTION

- **Be sure to read the "Notification sheet (UVE-H-00)" included with the printer before operating it.**

3.1 Installing Ink Bags

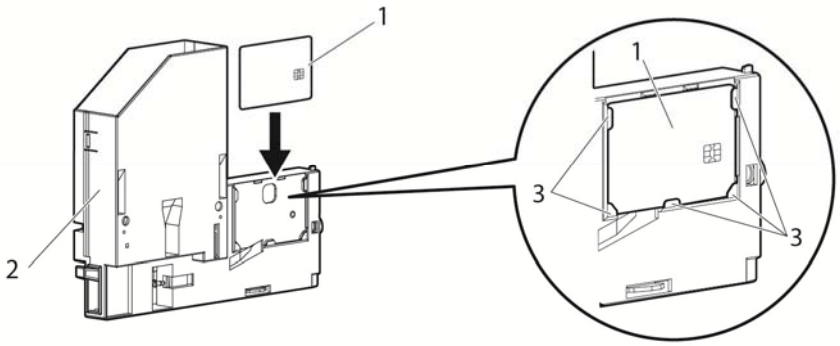
Follow the procedure below to install the ink bags.

1. Prepare the high-capacity ink pack adapters.

NOTE

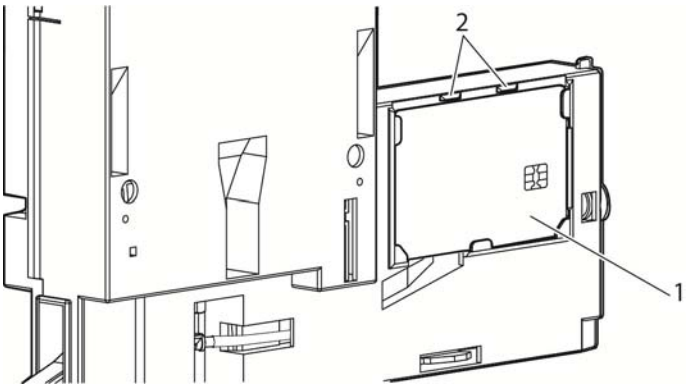
- When removing the high-capacity ink pack adapter from the printer, refer to the Operation Manual of the printer.

2. Take out the ink bag and smart chip card from the bag.
3. Install the smart chip card to the high-capacity ink pack adapter as shown in the illustration.
   ・Slide the smart chip card into the tabs of the adapter.



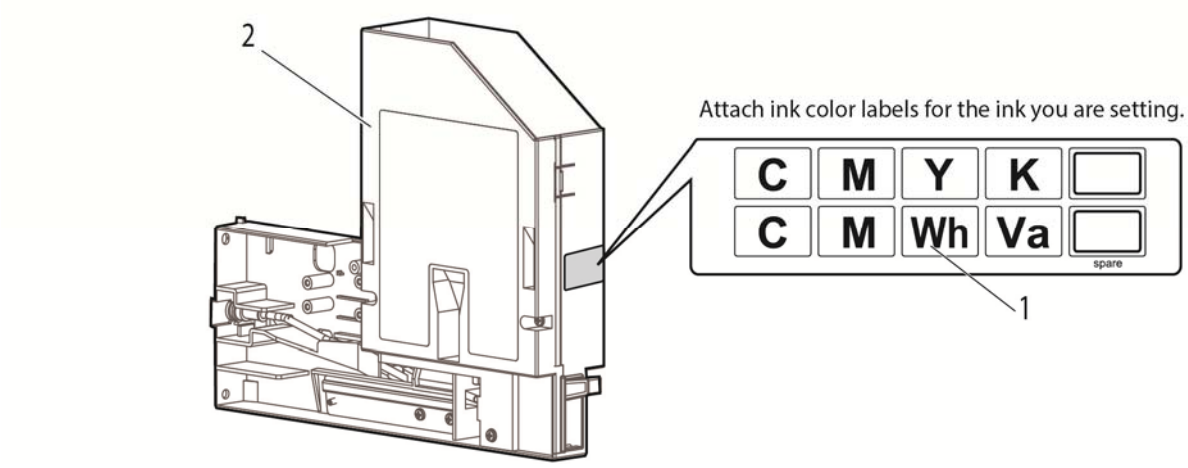
No.	Part Name
1	Smart chip card
2	High-capacity ink pack adapter
3	Tabs

4. Make sure that smart chip card is fully inserted in place so that the card does not cover the top tabs.



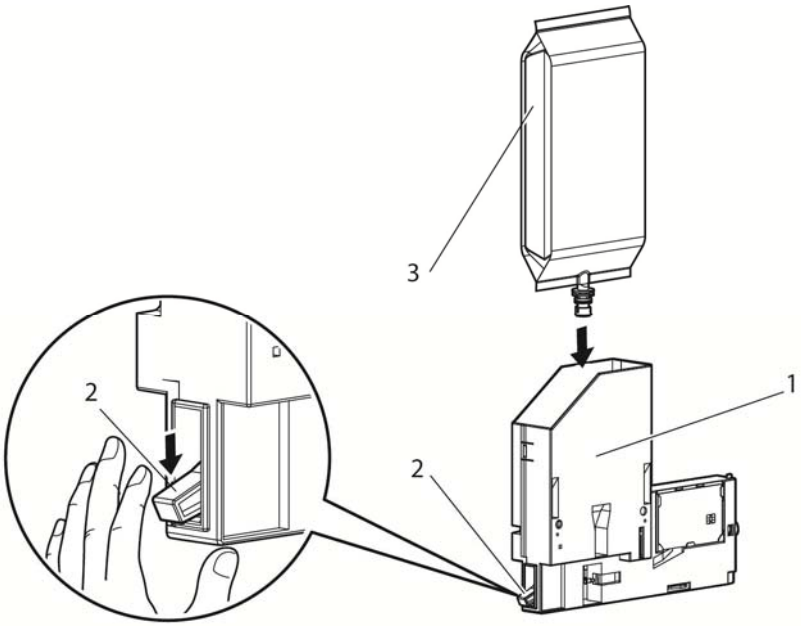
No.	Part Name
1	Smart chip card
2	Top tabs

5. Attach ink color labels to high-capacity ink pack adapters as shown in the illustration below.
   - Use “spare” labels to write down ink color when needed.



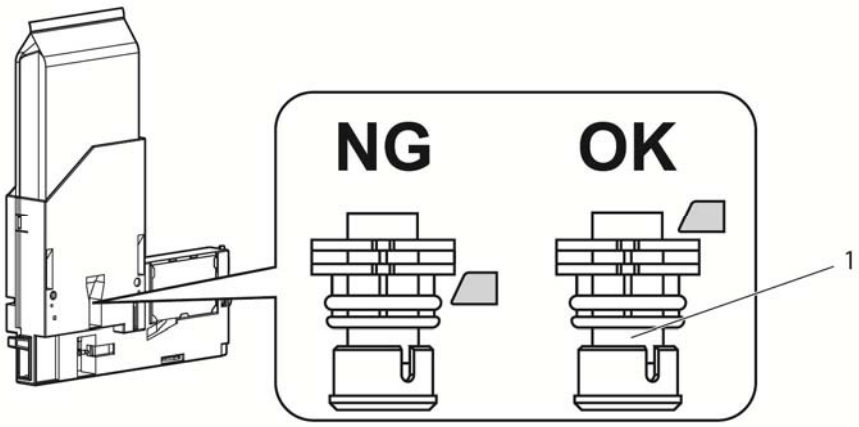
No.	Part Name
1	Ink color label
2	High-capacity ink pack adapter

6. While lowering the lock lever of the high-capacity ink pack adapter, insert an ink bag.
   a) Make sure to fully insert the ink bag into the high-capacity ink pack adapter.



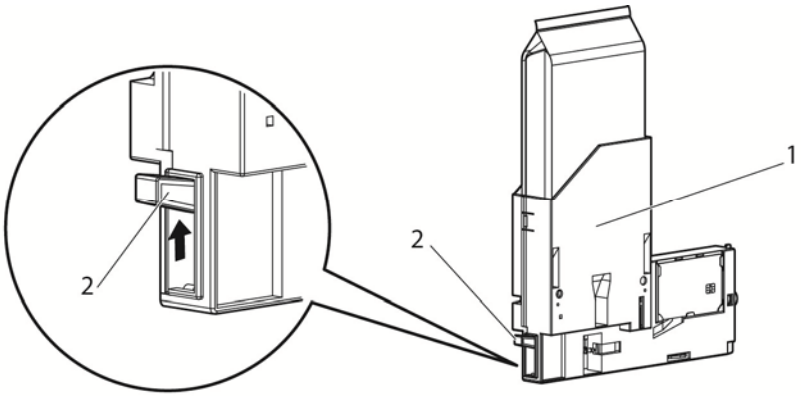
No.	Part Name
1	High-capacity ink pack adapter
2	Lock lever
3	Ink bag

   b) Confirm ink bag is fully seated by checking the lock mechanism is at the top of the ink delivery neck through the observation window, see proper placement in image below.



No.	Part Name
1	Ink bag

7. Make sure that the lock lever of the high-capacity ink pack adapter is back to its original position.



No.	Part Name
1	High-capacity ink pack adapter
2	Lock lever

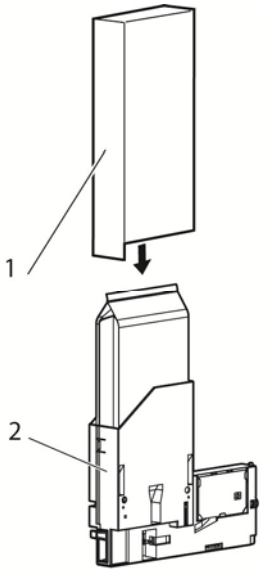
NOTE

- After inserting an Ink bag to the high-capacity ink pack adapter, if the lock lever does not return to its original position, push up the lever with your finger. If it still does not return, insert the ink bag again.

⚠ CAUTION

- **If the ink pack adapter is left with the lock lever down, it may cause ink leakage.**

8. Place the light-shielding cover over the ink bag.
   a) Insert the light-shielding cover inside the high-capacity ink pack adapter to only cover the ink bag.



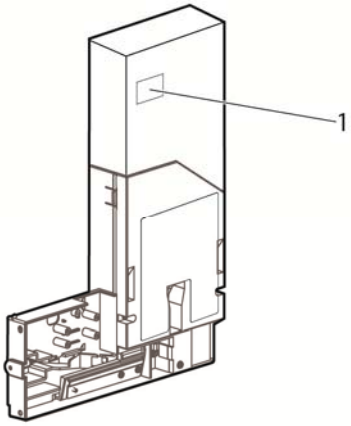
No.	Part Name
1	Light-shielding cover
2	High-capacity ink pack adapter

⚠ CAUTION

- **If the light-shielding cover is not inserted firmly inside the high-capacity ink pack adapter, the ink in the bag may be transformed and the printer may get damaged.**

b) Check if the color name on the ink bag can be seen from the confirmation window in the light-shielding cover.

- Also check that the ink color label you attached in Step 5 matches the color name on the ink bag.



No.	Part Name
1	Confirmation window

9. Repeat Step 1 through Step 8 to install smart chip card, ink bag and light-shielding cover to the rest of high-capacity ink pack adapters.

10. Install the high-capacity ink pack adapters to the printer.

NOTE

- To install high-capacity ink pack adapters to the printer, refer to the Operation Manual of the printer.
- Once the adapter is installed to the printer, always use it in the same ink slot.
  If not, it may cause ink leakage or ink mixture.

3.2 When High-Capacity Ink Pack Adapter is removed from Printer

When the high-capacity ink pack adapter is removed from printer, follow the procedures below to wipe off the ink.

⚠ CAUTION

- **Make sure to wipe off the ink adhering to the ink pack adapter when removing from the printer.**
  If not, the ink may be attached to the printer.

(1) Items to Prepare

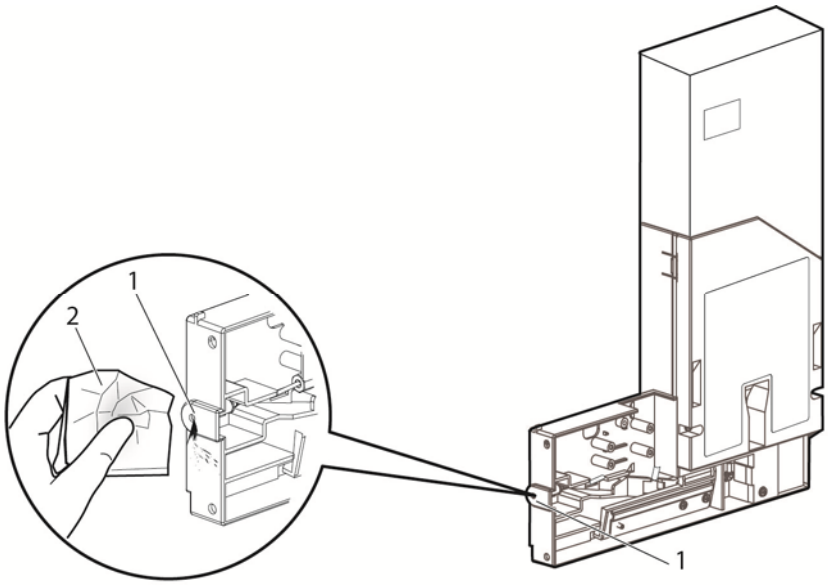
- Rubber Gloves: Supplied with Printer (Commercially available solvent-resistant gloves can be used as an alternative.)
- Plastic Gloves: Supplied with Printer (Commercially available solvent-resistant gloves can be used as an alternative.)
- Goggles or Protective Glasses: Supplied with Printer (Commercially available goggles can be used as an alternative.)
- Protective Clothing (Commercially available)
- Paper Towel (Lint-free cloth): Supplied with Printer
  (Commercially available lint-free cloth can be used as an alternative.)
- Cleaning Stick: Supplied with Printer (Commercially available tissue can be used as an alternative.)

⚠ CAUTION

- **When performing this cleaning, be sure to wear the gloves supplied with the printer (or solvent-resistant gloves) and goggles, and take extra care that ink does not contact with your skin.**
  If the UV curable ink or waste liquid gets on your skin or in your eyes, it may cause inflammation or an allergic reaction.
- **Do not touch uncured ink with your bare hands.**
- **If ink gets on the gloves, use new gloves.**
- **If ink gets on your clothes, promptly remove them and wash them before reuse.**
- **If ink gets on your skin, immediately wash with soap and plenty of water for 15 minutes. If any symptoms persist, seek medical attention.**
- **If ink enters your eye, wash it for 15 minutes with plenty of water and promptly seek medical attention/first aid.**
- **If you swallow the ink, immediately rinse out your mouth, but do not induce vomiting. Seek medical attention/first aid.**

(2) Operation Procedures

1. Wear plastic gloves, rubber gloves, goggles and protective clothing.
   Refer to the Operation Manual of the printer for how to wear.
2. Check if the printer is turned on.
3. Remove the high-capacity ink pack adapter from the printer.
4. Wipe off the ink adhering around the inlet of high-capacity ink pack adapter using the paper towel supplied with the printer (or commercially available tissue).

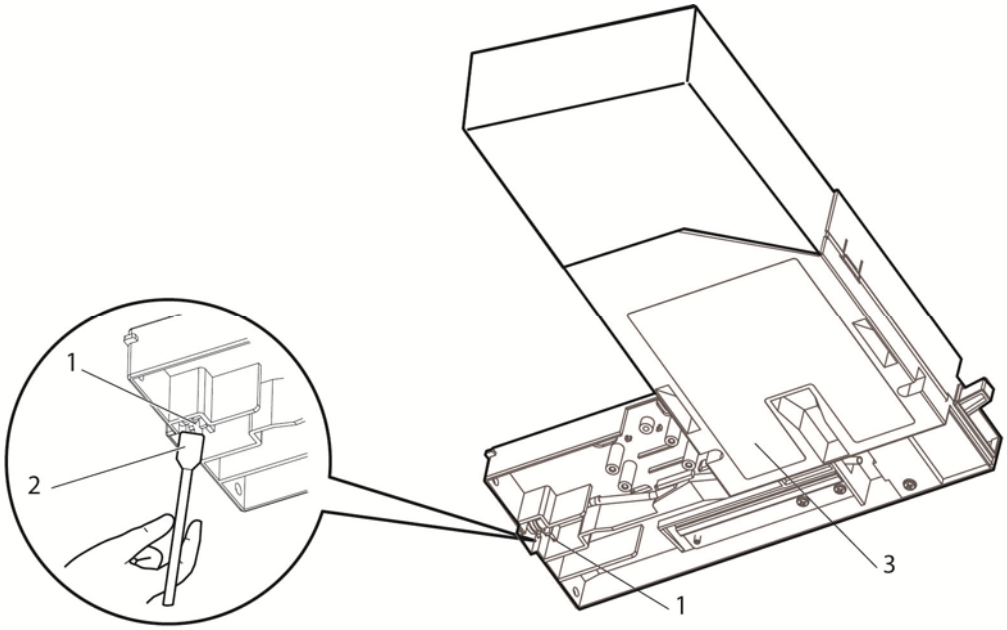


No.	Part Name
1	Inlet
2	Paper towel

NOTE

- During the cleaning, make sure that no dirt gets adhered to the inlet of the high-capacity ink pack adapter.
- If dirt gets adhered, use the paper towel supplied with the printer to wipe it off.

5. Tilt the high-capacity ink pack adapter as shown in the figure below to absorb ink using the cleaning stick supplied with the printer (or commercially available tissue with sharp-edged).
   - Tilt the high-capacity ink pack adapter so that the inlet to be pointed downward a little.
   - Tilt the high-capacity ink pack adapter with the caution label side down.
   - Absorb the ink remained around the tube connector.



No.	Part Name
1	Tube connector
2	Cleaning stick
3	Caution label

6. Install the high-capacity ink pack adapter to the printer.

NOTE

- To install high-capacity ink pack adapters to the printer, refer to the Operation Manual of the printer.
- Once the adapter is installed to the printer, always use it in the same ink slot.
  If not, it may cause ink leakage or ink mixture.

3.3 Replacing Adapter's Plug

(1) When to replace

When "[*******] Change Plug" is displayed on the Operation panel;

- Adapter's plug of high-capacity ink pack adapter needs to be replaced.
- Warning buzzer beeps.
  To stop the buzzer, press the [Enter] key on the operation panel.
- Replace with a new adapter's plug.

NOTE

- [*******] on the message indicates the ink slot number that the adapter's plug of the installed high-capacity ink pack adapter needs to be replaced.
  The message varies depending on the printer model. For details, refer to the Operation Manual of the printer.
- If you do not have a spare adapter's plug, keep the high-capacity ink pack adapter inserted in the printer, but replace the plug as soon as possible.
  Leaving the printer without high-capacity ink pack adapter can clog the Head.

⚠ CAUTION

- **Using the printer without replacing adapter's plug can cause ink leakage.**

(2) What to prepare

- Rubber Gloves: Supplied with Printer (Commercially available solvent-resistant gloves can be used as an alternative.)
- Plastic Gloves: Supplied with Printer (Commercially available solvent-resistant gloves can be used as an alternative.)
- Goggles or Protective Glasses: Supplied with Printer (Commercially available goggles can be used as an alternative.)
- Protective Clothing (Commercially available)
- Fine-tipped tool (such as precision screwdrivers): Commercially Available
- Adapter's Plug: Included with the printer
- Paper Towel (Lint-free cloth): Supplied with Printer
  (Commercially available lint-free cloth can be used as an alternative to paper towel.)
- Cleaning Stick: Supplied with Printer
  (Commercially available tissue can be used as an alternative to paper towel.)
- High capacity ink pack adapter (UV) sealing jig (hereinafter called "sealing jig")

NOTE

- When the included adapter's plugs have run out, contact your local MUTOH dealer.

⚠ CAUTION

- **When replacing the adapter's plug, be sure to wear gloves supplied with the printer (or solvent-resistant gloves) and goggles, and take extra care that ink does not contact with your skin.**
  If the UV curable ink or waste liquid gets on your skin or in your eyes, it may cause inflammation or an allergic reaction.
- **Do not touch uncured ink with your bare hands.**
- **If ink gets on the gloves, use new gloves.**
- **If ink gets on your clothes, promptly remove them and wash them before reuse.**
- **If ink gets on your skin, immediately wash with soap and plenty of water for 15 minutes. If any symptoms persist, seek medical attention.**
- **If ink enters your eye, wash it for 15 minutes with plenty of water and promptly seek medical attention/first aid.**
- **If you swallow the ink, immediately rinse out your mouth, but do not induce vomiting. Seek medical attention/first aid.**

(3) How to replace

CAUTION

- **Do not replace the Adapter's plug in a place with direct sunlight or strong light. Ink may cure by ultraviolet light and it may cause printer damage.**

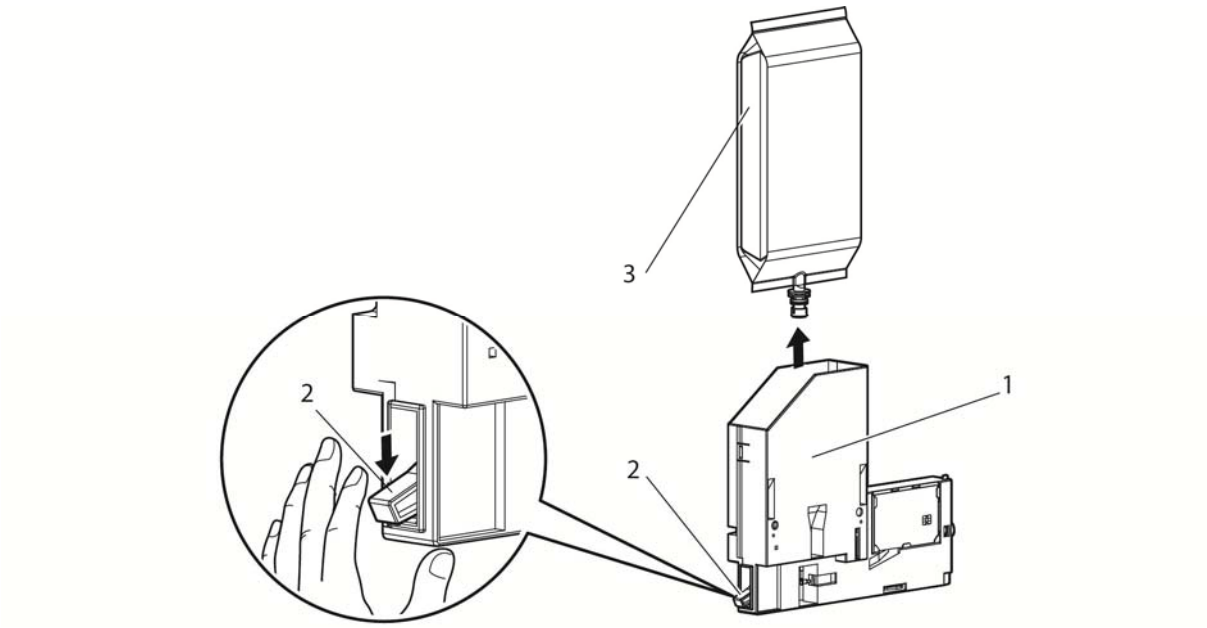
Follow the procedure below to replace Adapter's plug.

1. Wear plastic gloves, rubber gloves, goggles and protective clothing.
   Refer to the Operation Manual of the printer for how to wear.
2. Make sure that the printer is turned ON.
3. Remove High-capacity ink pack adapter to be replaced from the printer.
4. Wipe off excess ink on the high-capacity ink pack adapter.
   ☞3.2 Refer to "Removing High-Capacity Ink Pack Adapter from Printer."

NOTE

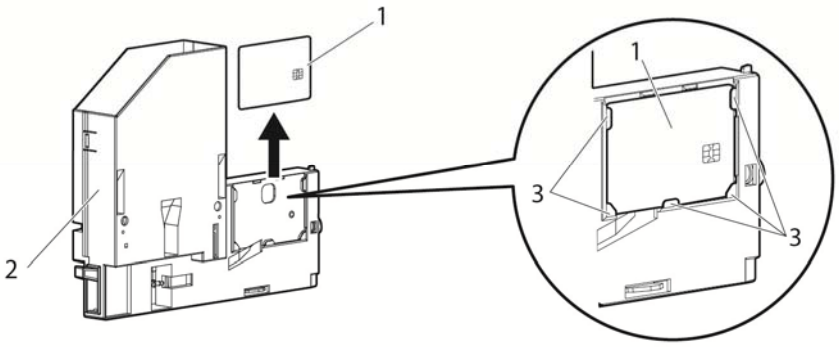
- During replacement, be careful so that no dirt gets adhered to the inlet of the high-capacity ink pack adapter.
- If dirt gets adhered, use the paper towel supplied with the printer to wipe it off.

5. Remove the light-shielding cover from the ink bag.
6. Lower the lock lever on the high-capacity pack adapter and detach the ink bag.



No.	Part Name
1	High-capacity ink pack adapter
2	Lock lever
3	Ink bag

7. Remove the smart chip card from the high-capacity pack adapter.

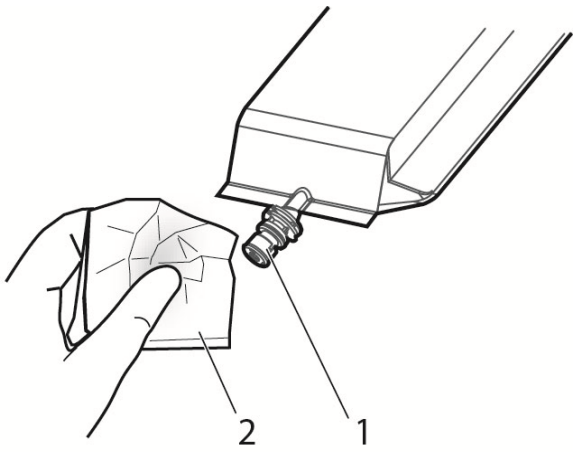


No.	Part Name
1	Smart chip card
2	High-capacity ink pack adapter
3	Tabs

NOTE

- Once removed, keep the ink bag and the smart chip card together in the same place.

8. Wipe off the ink adhering around the inlet of ink bag using the paper towel supplied with the printer (or commercially available tissue).

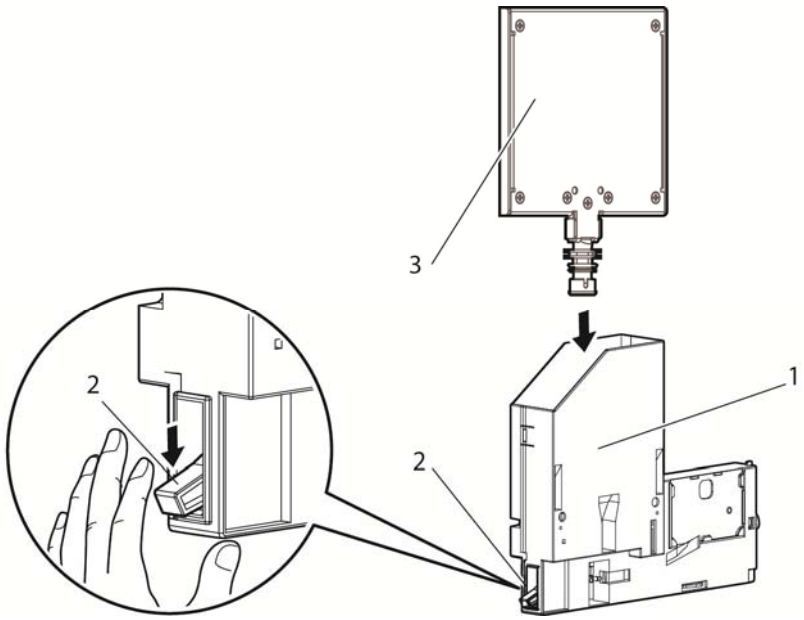


No.	Part Name
1	Inlet
2	Paper towel

⚠ CAUTION

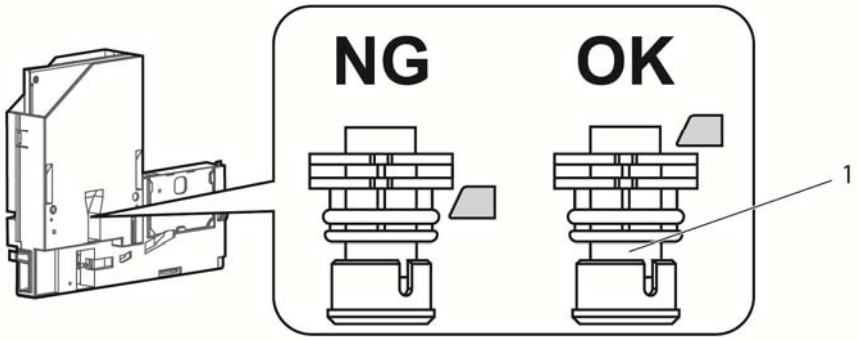
- **Do not place the ink bag in a place with direct sunlight or strong light.**
  Ink may cure by ultraviolet light and it may cause printer damage.

9. While lowering the lock lever of high-capacity ink pack adapter, insert the sealing jig.
   a) Make sure to insert the sealing jig all the way in the high-capacity ink pack adapter.



No.	Part Name
1	High-capacity ink pack adapter
2	Lock lever
3	Sealing jig

   b) Confirm the sealing jig is fully seated by checking the lock mechanism is at the top of the ink delivery neck through the observation window, see proper placement in image below.

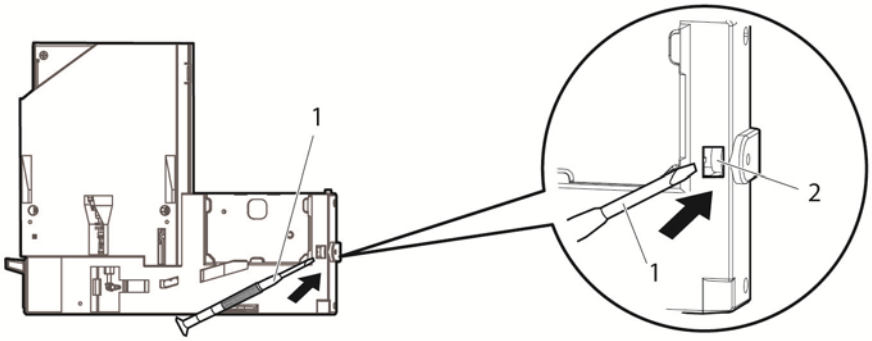


No.	Part Name
1	Sealing jig

10. Use a fine-tipped tool to push out the tube connector from the left gap of the high-capacity ink pack adapter.

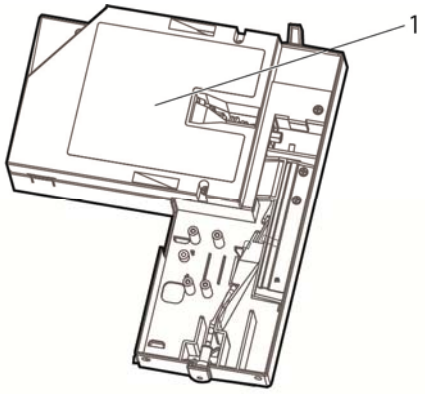
NOTE

- When replacing the adapter's plug, make sure that the sealing jig is properly inserted to the adapter. If not inserted, ink remained in the tube may spill out from the connector.
- When pushing the tube connector, be careful not to damage it with the tool.



No.	Part Name
1	Fine-tipped tool
2	Tube connector

11. Lay the high-capacity ink pack adapter sideway gently with the caution label side up.

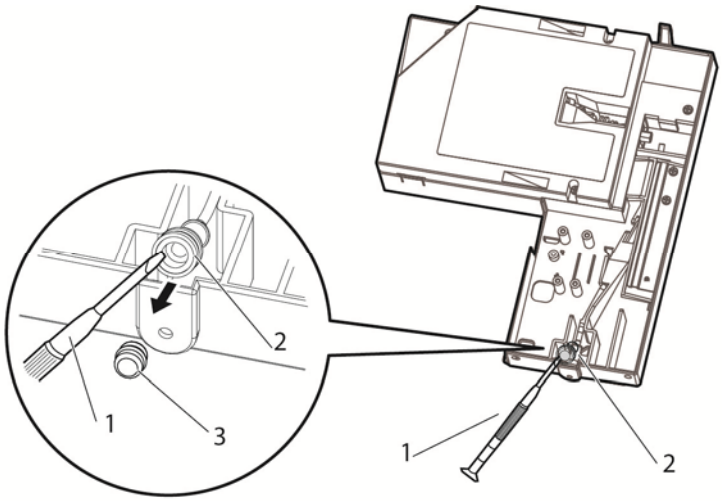


No.	Part Name
1	Caution label

12. Use a fine-tipped tool to remove the adapter's plug from the tube connector.

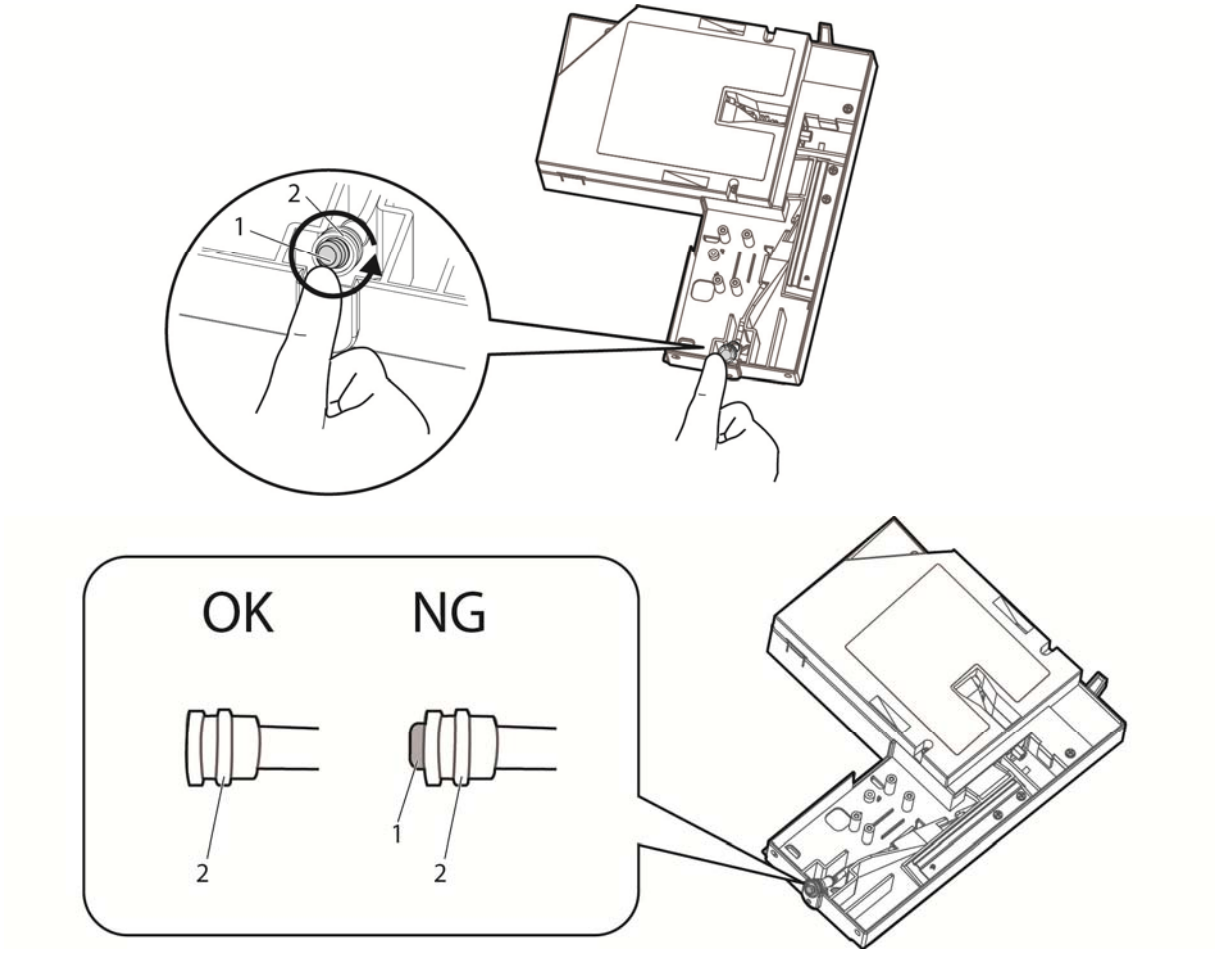
NOTE

- Do not bend the tube connected to the tube connector as much as possible. The tube may be broken.
- When removing the adapter's plug, do not face the opening of tube connector downward. The remaining ink in the tube may leak.



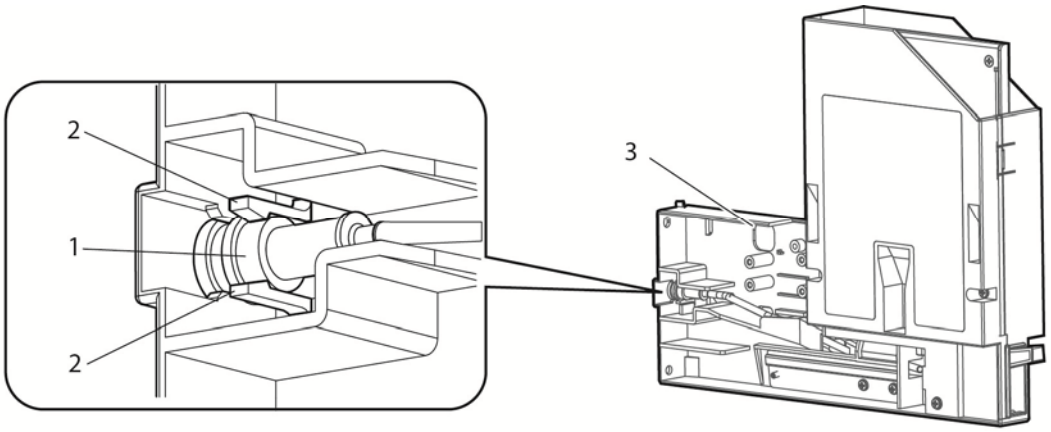
No.	Part Name
1	Fine-tipped tool
2	Tube connector
3	Adapter's plug

13. Push a new adapter's plug into the tube connector about a half way.
    a) Push the adapter's plug into the tube connector completely.
    (If difficult, push while turning the adapter's plug with one finger to fully insert it into the connector.)



No.	Part Name
1	Adapter's plug
2	Tube connector

14. Install the tube connector back to the tabs of high-capacity ink pack adapter securely.

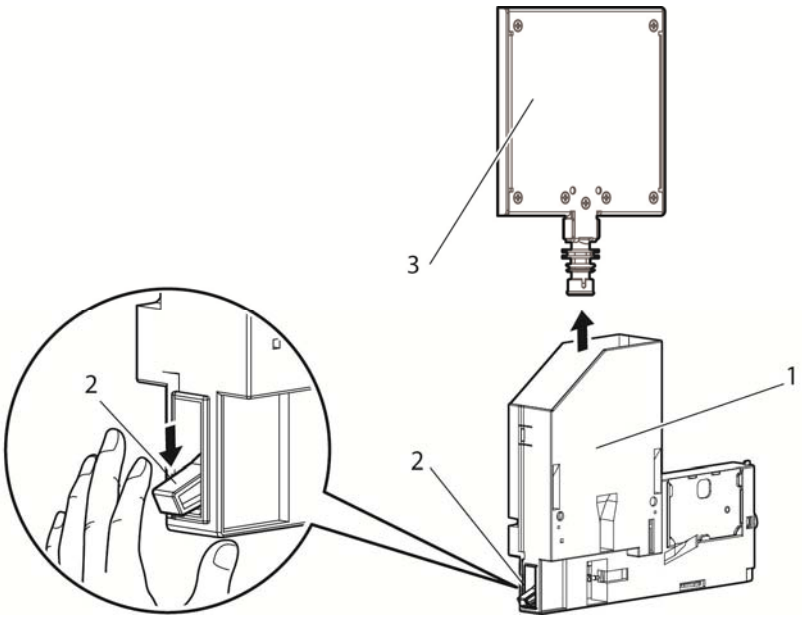


No.	Part Name
1	Tube connector
2	Tabs
3	High-capacity ink pack adapter

NOTE

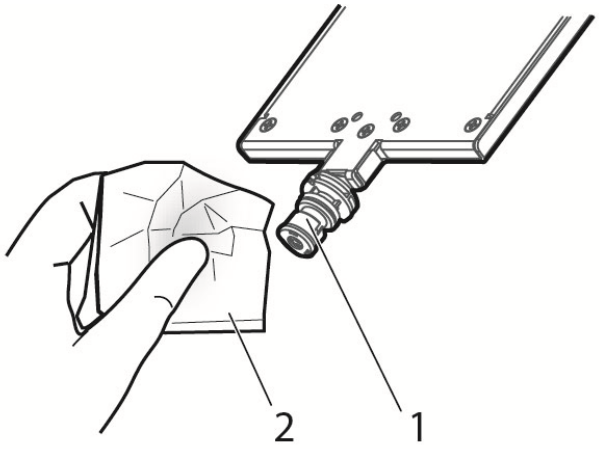
- If the tube connector is not securely installed to the tabs, the high-capacity ink pack adapter may not be installed to the printer correctly.

15. Remove the sealing jig from the high-capacity ink pack adapter.



No.	Part Name
1	High-capacity ink pack adapter
2	Lock lever
3	Sealing jig

16. Wipe off the ink adhering around the inlet of the sealing jig using the paper towel supplied with the printer (or commercially available tissue).



No.	Part Name
1	Inlet
2	Paper towel

NOTE

- After using the sealing jig, always keep it in the aluminum foil bag.
  If not, ink around the jig may get dry and the jig may not be usable again.
- The sealing jig is required when replacing an adapter's plug. Keep it for the next use.

17. Install the ink bag to the high-capacity ink pack adapter.
    ☞3.1 Installing Ink Bags
18. Install the high-capacity ink pack adapter to the printer.
19. Press the [Enter] key on the operation panel to clear the "[*******] Change Plug" message.
    - Replacing adapter's plug is complete.

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