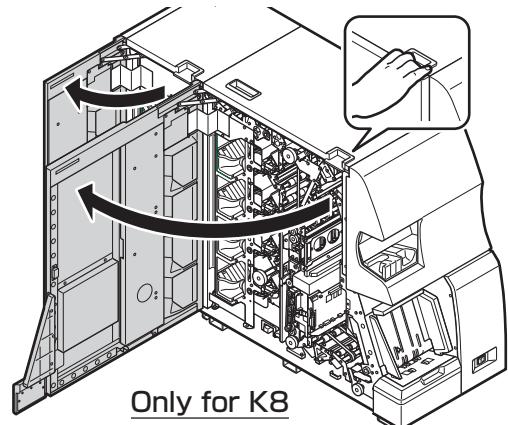
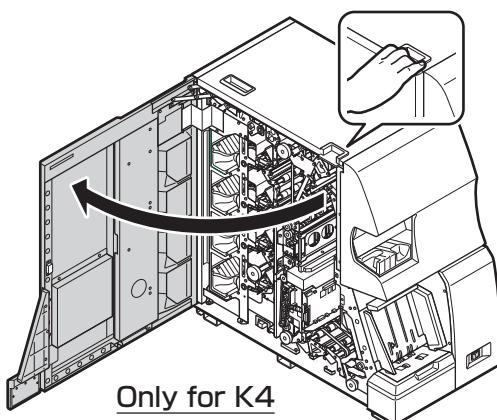
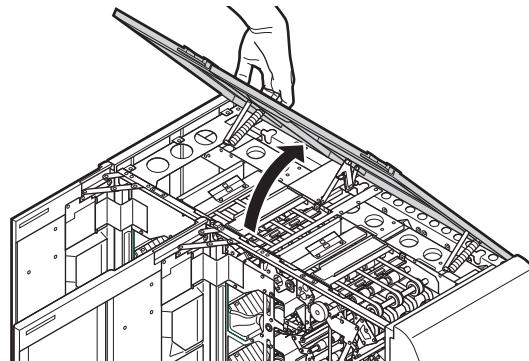
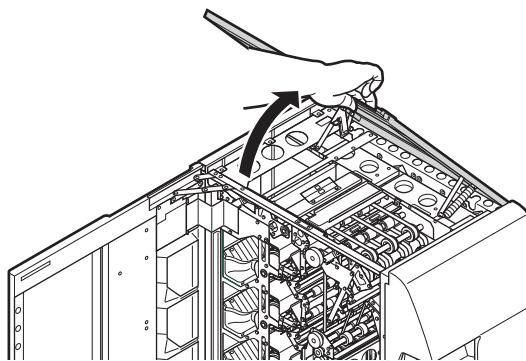


Upper Transportation Unit

STEP-1 Open the Front Door by the handle.



STEP-2 Open the Upper Door and be sure to lock the door kept open.

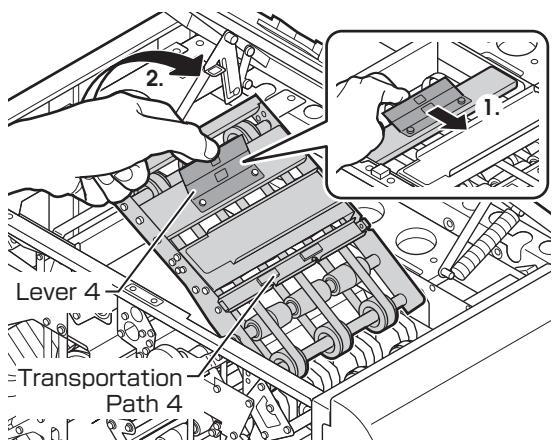


STEP-3 Open Transportation and remove notes.

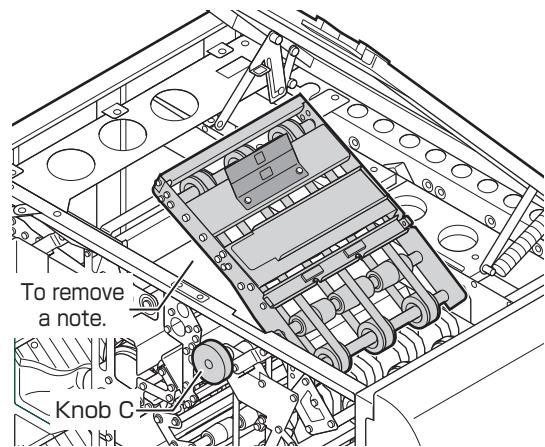
Transportation Path 4

Common for K4, K8

1. Unlock the Transportation Path 4 by pressing Lever 4 in the direction to arrow mark.
2. Open the Transportation Path 4 till locking the position.



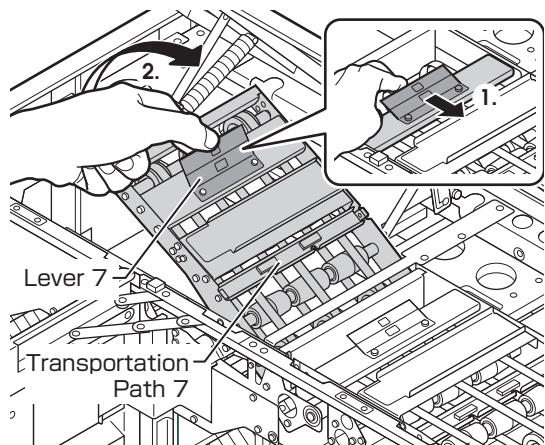
3. Remove notes remained by rotating knob C.



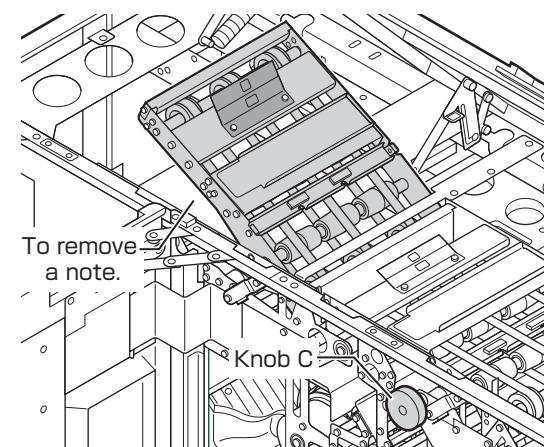
Transportation Path 7

Only for K8

1. Unlock the Transportation Path 7 by pressing Lever 7 in the direction to arrow mark.
2. Open the Transportation Path 7 till locking the position.

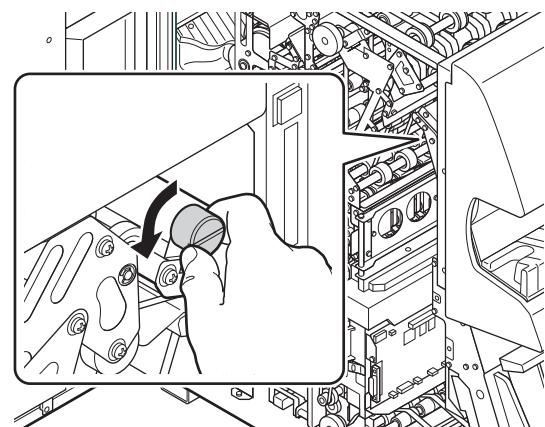


3. Remove notes remained by rotating knob C.

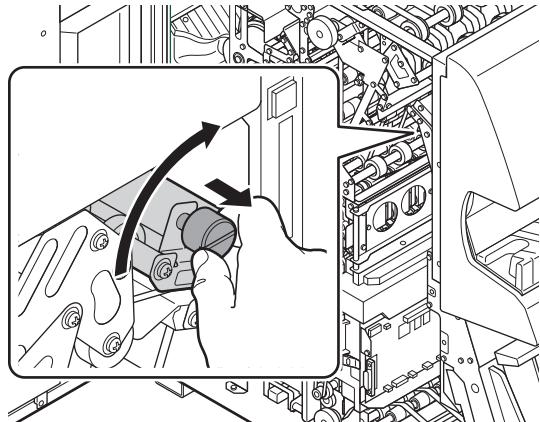


In case a note is blocked.

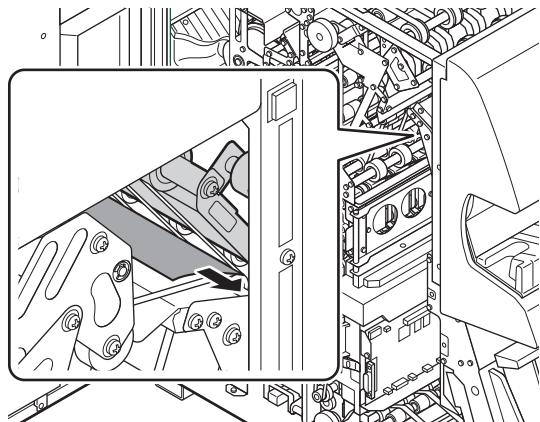
- 3-1. Turn the knob at transportation path DR to the direction of arrow and release the lock.
 - ◆ In case it is hard to loosen the knob, use coin.



3-2. Pull the knob and open the transportation path DR.

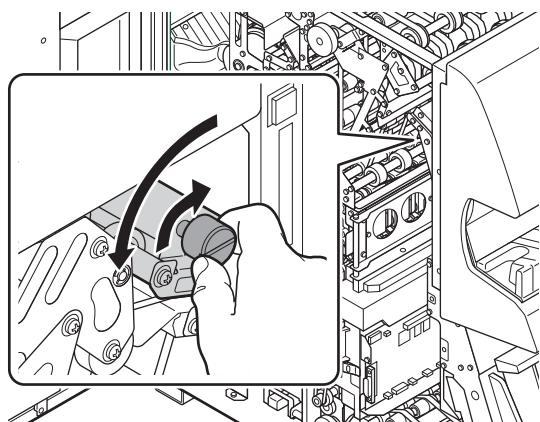


3-3. Turn knob C to the direction of arrow mark and remove note remained at transportation path.

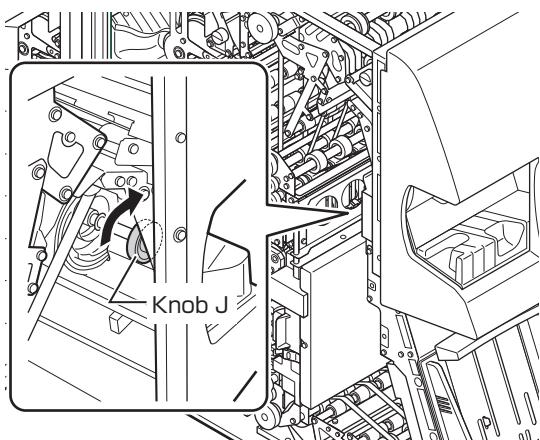


3-4. Close transportation path DR and tighten the knob to the direction of arrow mark.

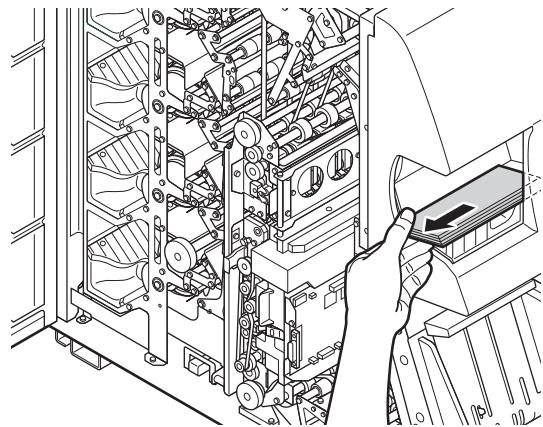
- ◆ Be sure the transportation path DR is locked.



4. Turn knob J and discharge note to Reject Pocket.



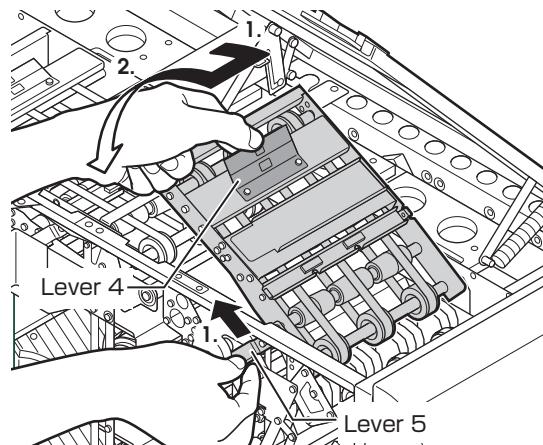
5. Remove the notes from Reject Pocket.



STEP-4 Close Transportation.

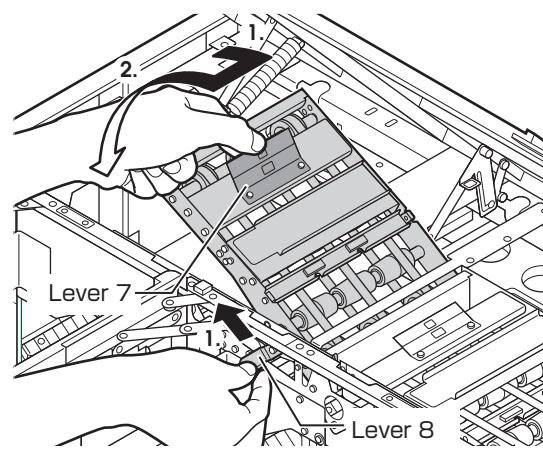
Transportation Path 4 Common for K4, K8

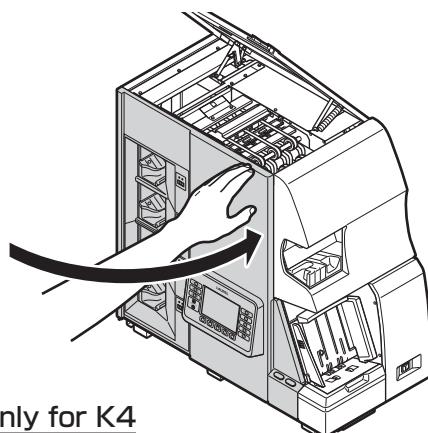
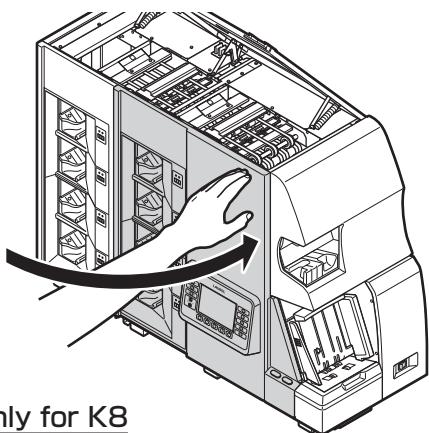
1. Keep up the Transportation Path 4 by the Lever 4 to unlock by pressing the Lever 5.
2. Close the Transportation Path 4 gently.



Transportation Path 7 Only for K8

1. Hold up the Transportation Path 7 with holding Lever 7 and release the lock by pressing Lever 8.
2. Close the Transportation Path 7 gently.

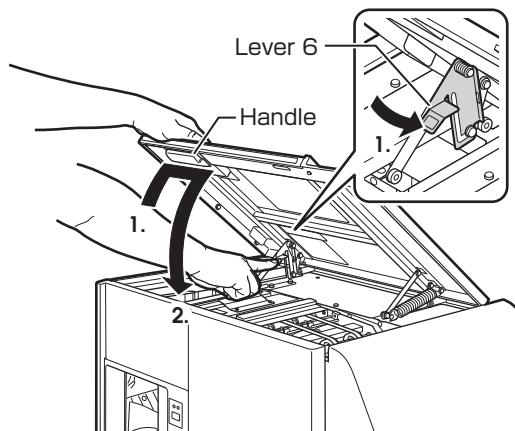
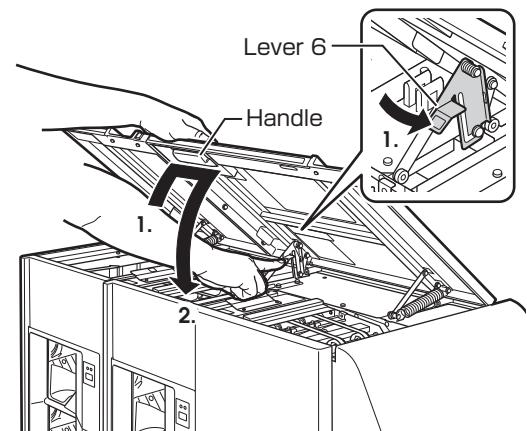


STEP-5 Close the Front Door..Only for K4Only for K8**STEP-6** Close the Upper Door.

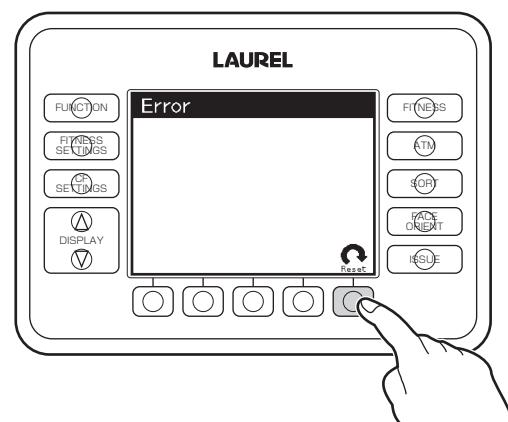
1. Keep up the Upper Door by the handle to unlock by pressing Lever 6.
2. Close the Upper Door gently.

▷ The reset action gets started.

▷ Stand-by Display is shown after completing the reset action normally.

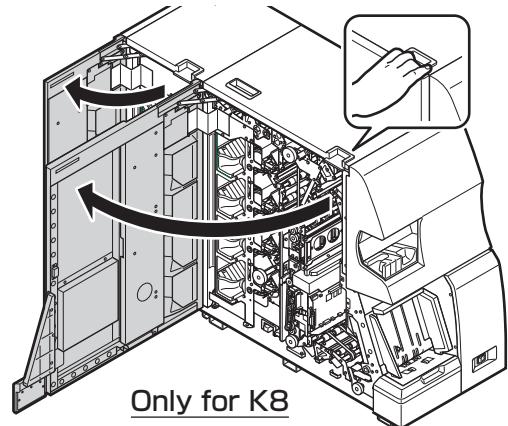
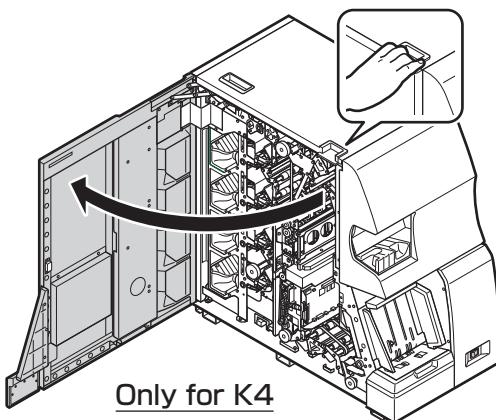
Only for K4Only for K8

▷ If the reset does not get started, press F5 key to activate the reset.

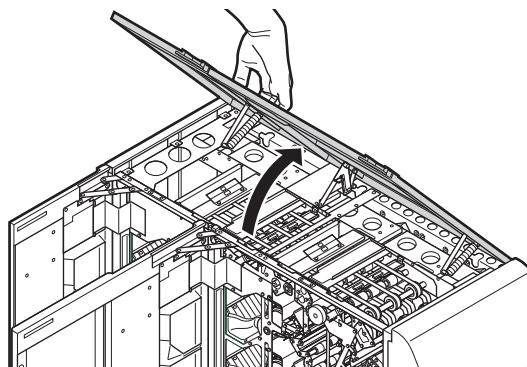
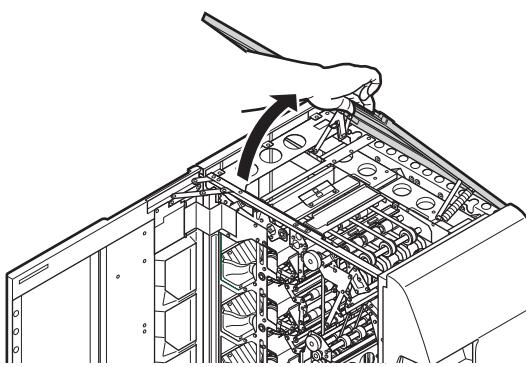


Pocket Transportation Unit 1

STEP-1 Open the Front Door with holding handle.

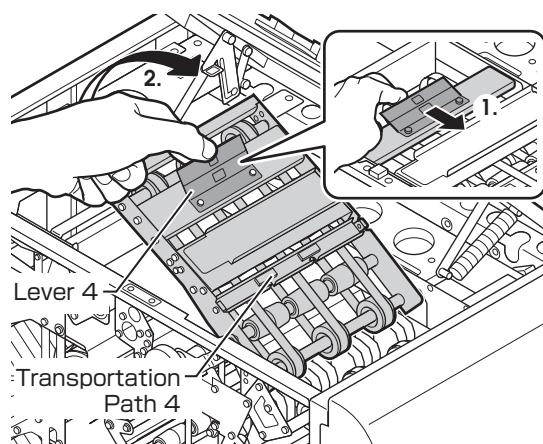


STEP-2 Open the Upper Door till the position gets locked.



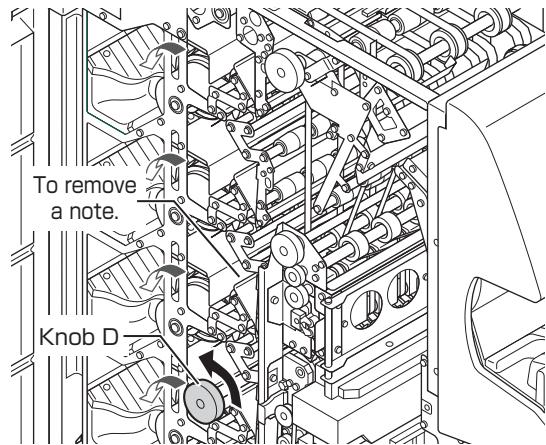
STEP-3 Open Transportation Path 4.

1. Unlock the Transportation Path 4 by pressing Lever 4 in the direction to arrow mark.
2. Open the Transportation Path 4 till locking the position.

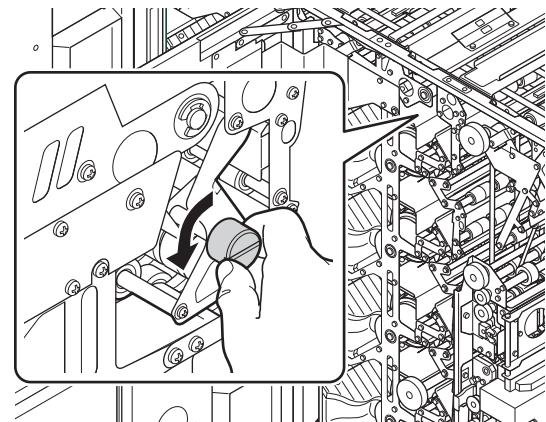


STEP-4 Remove note at transportation path.

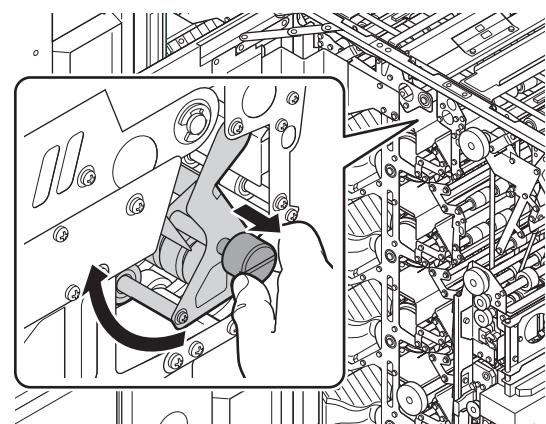
1. Turn knob D to the direction of arrow mark and remove notes remained at transportation path.

**In case note is jammed:**

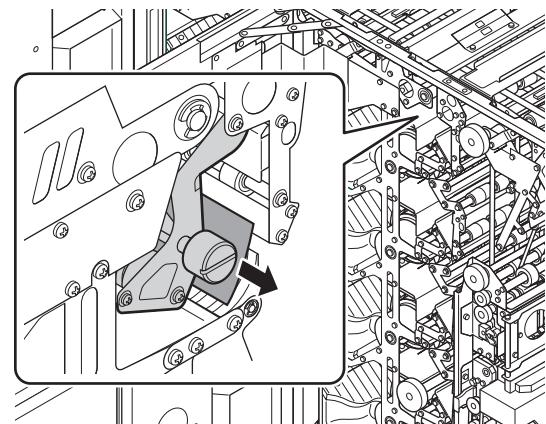
- 1-1. Turn the knob either transportation path D1 to D4 where a note jammed and release the lock.
 - ◆ In case it is hard to loosen the knob, use coin.



- 1-2. Pull the knob and open the transportation path.

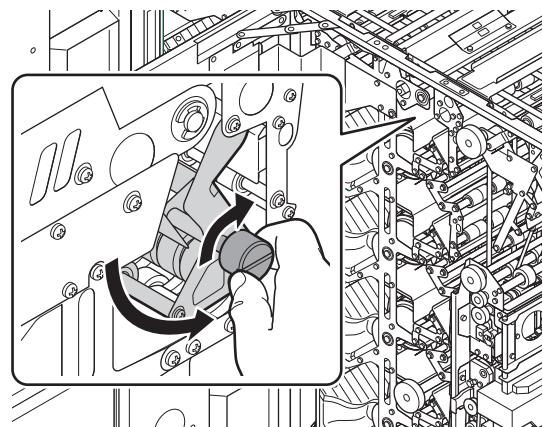


- 1-3. Turn knob D to the direction to arrow mark and remove note at transportation path.

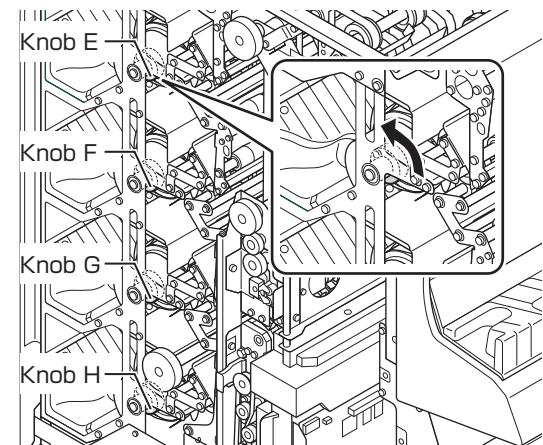


1-4. Pull the knob and close the transportation path. Tighten the knob to the direction of arrow mark.

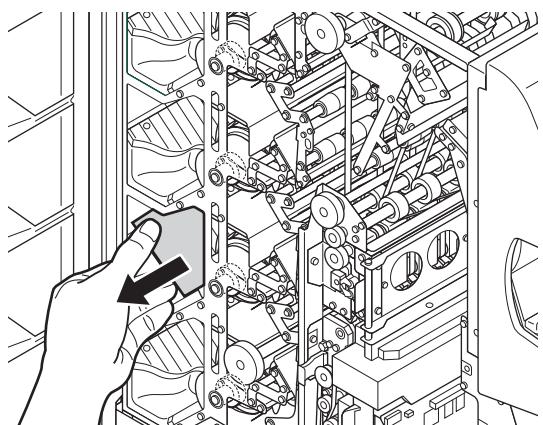
- ◆ Be sure the transportation path is locked.



2. Turn the knob E to H and remove remained notes to the pocket.

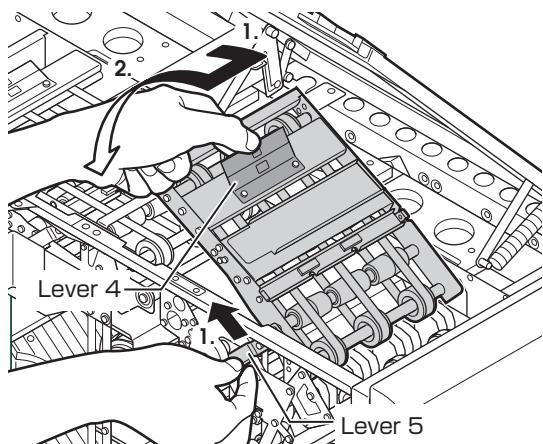


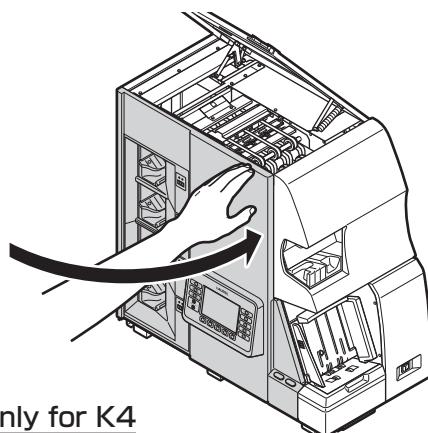
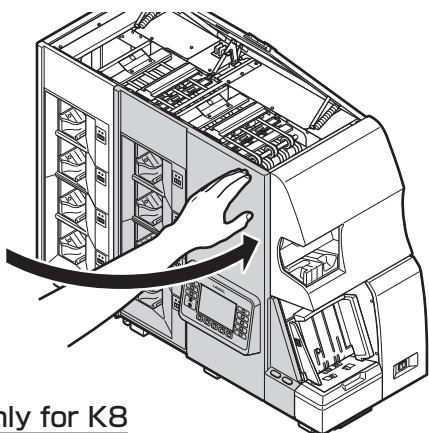
3. Remove notes from the pocket.



STEP-5 Close Transportation Path 4.

1. Keep up the Transportation Path 4 to unlock by pressing the Lever 5.
2. Close the Transportation Path 4 gently.

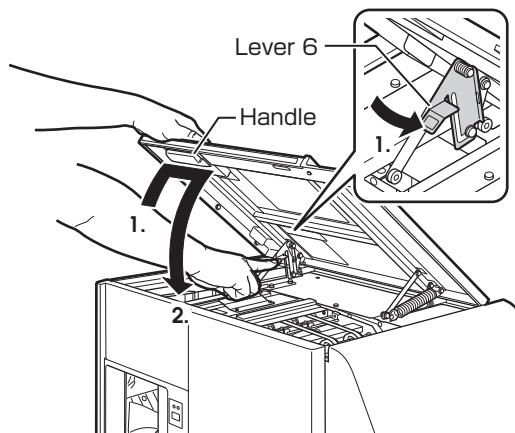
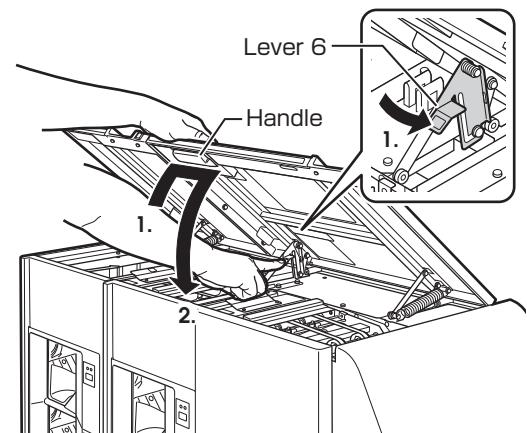


STEP-6 Close the Front Door..Only for K4Only for K8**STEP-7** Close the Upper Door.

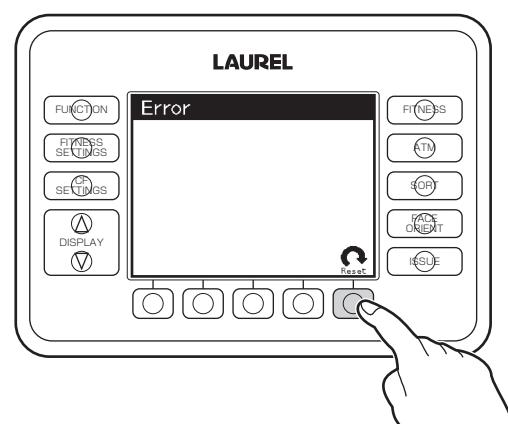
1. Keep up the Upper Door by the handle to unlock by pressing Lever 6.
2. Close the Upper Door gently.

▷ The reset action gets started.

▷ Stand-by Display is shown after completing the reset action normally.

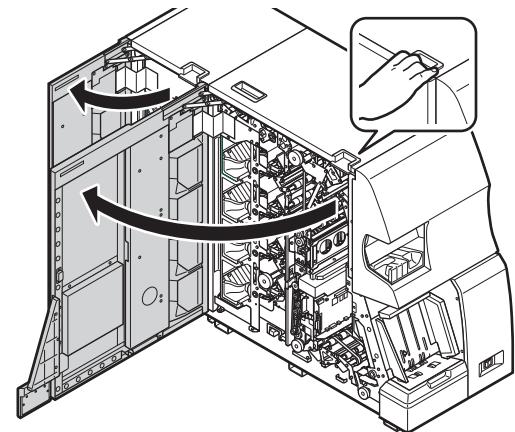
Only for K4Only for K8

▷ If the reset does not get started, press F5 key to activate the reset.

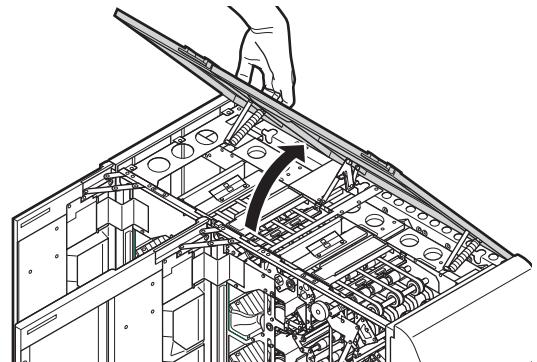


Pocket Transportation Unit 2 (Only for K8)

STEP-1 Open the Front Door with holding handle.



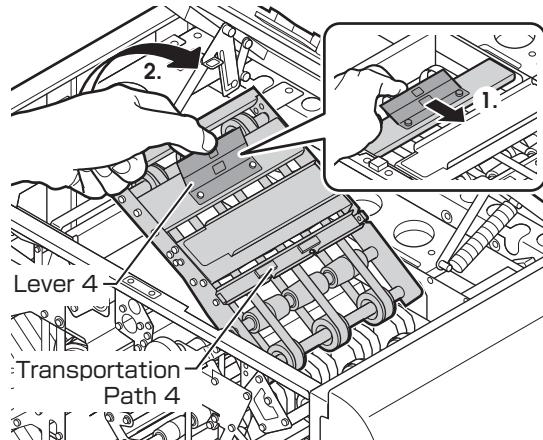
STEP-2 Open the Upper Door till the position gets locked.



STEP-3 Open the Transportation Path 4 and 7.

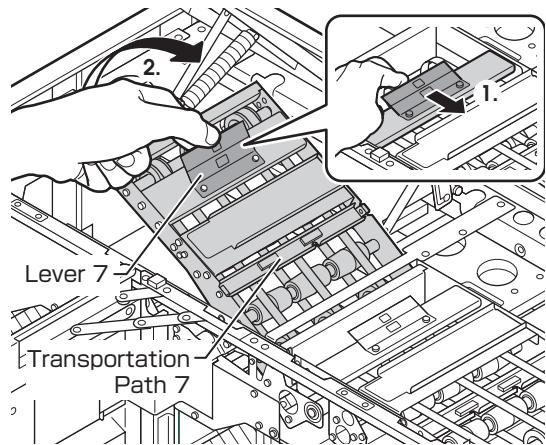
Transportation Path 4

1. Unlock the Transportation Path 4 by pressing Lever 4 in the direction to arrow mark.
2. Open the Transportation Path 4 till locking the position.

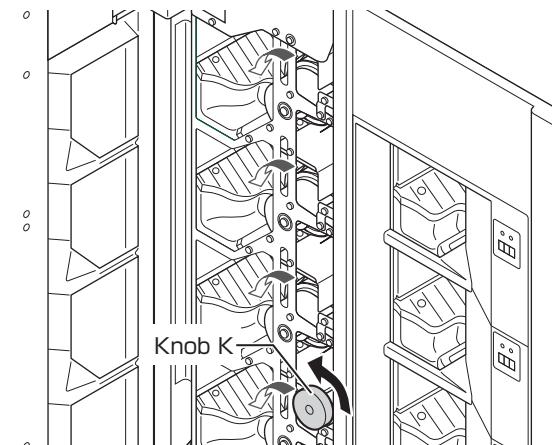


Transportation Path 7

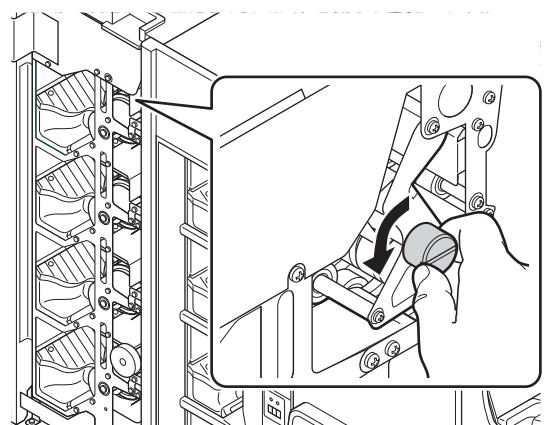
1. Unlock the Transportation Path 7 by pressing Lever 7 in the direction to arrow mark..
2. Open the Transportation Path 7 till locking the position.

**STEP-4 Remove notes remained transportation path.**

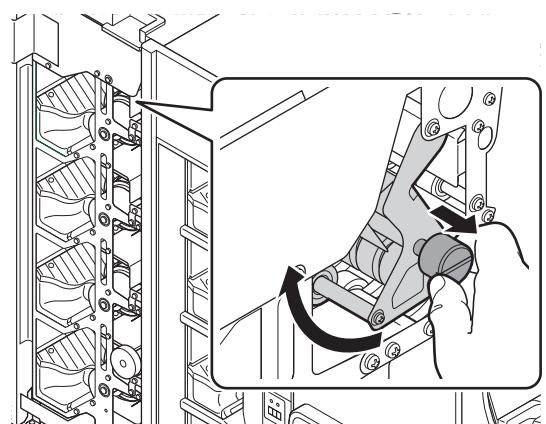
1. Turn knob to the direction of arrow mark and remove note from transportation path.

**In case a note is jammed:**

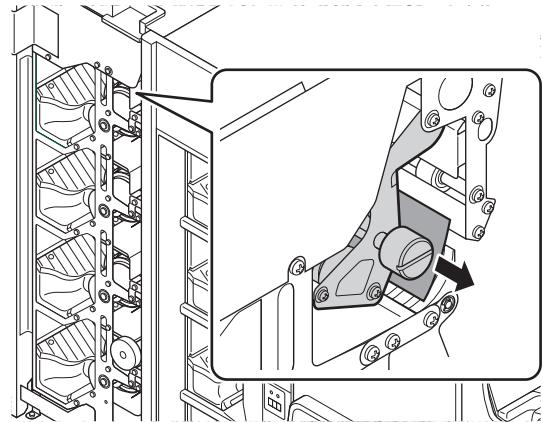
- 1-1. Turn the knob at either transportation path D5 to D8 where the note jammed and release the lock.
 - ◆ In case it is hard to loosen the knob, use coin.



- 1-2. Pull the knob and open the transportation path till locking it.

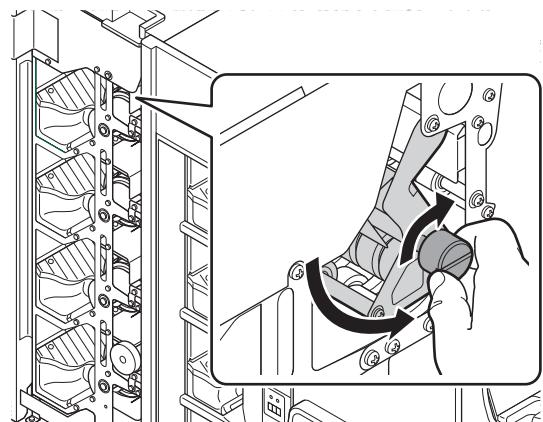


1-3. Turn knob D to the direction of arrow mark and remove the note at transportation path.

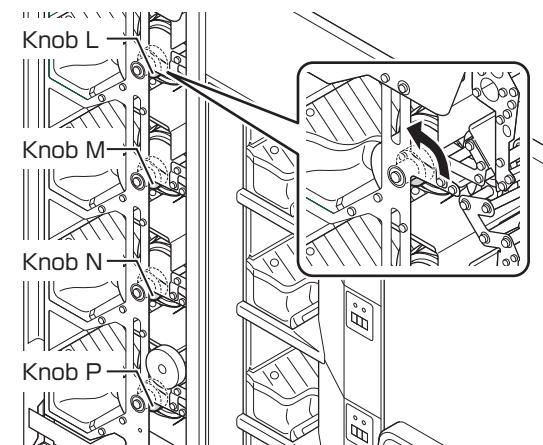


1-4. Pull the knob and close the transportation path. Tighten the knob to the direction of arrow mark.

- ◆ Be sure the transportation path is locked.



2. Turn the knob L to P and discharge the note to the pocket.



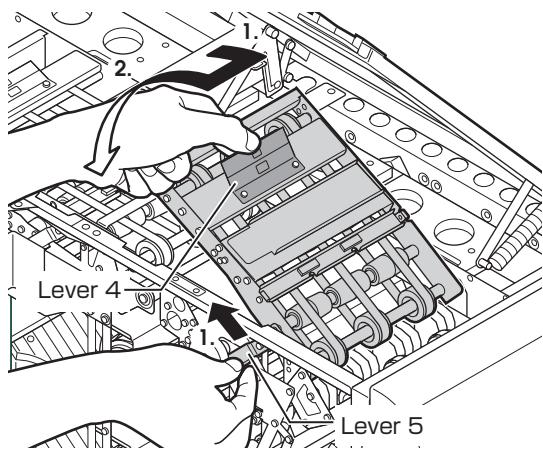
3. Remove notes from the pocket.



STEP-5 Close the Transportation Path 4 and 7.

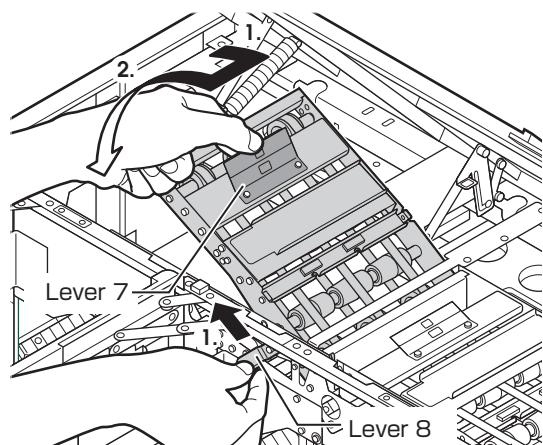
Transportation Path 4

1. Keep up the Transportation Path 4 by the Lever 4 to unlock by pressing the Lever 5.
2. Close the Transportation Path 4 gently.

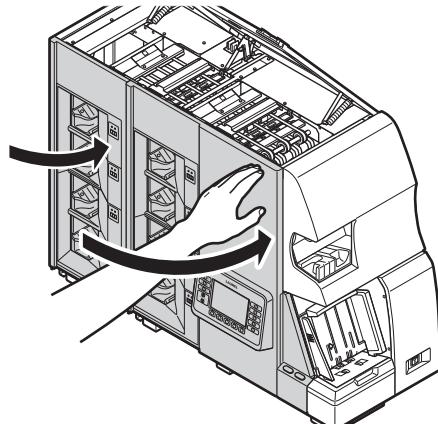


Transportation Path 4

1. Hold up the Transportation Path 7 with holding Lever 7 and release the lock by pressing Lever 8.
2. Close the Transportation Path 7 gently.



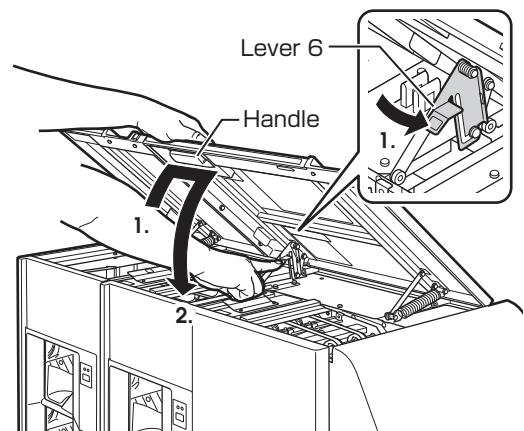
STEP-6 Close the Front Door.



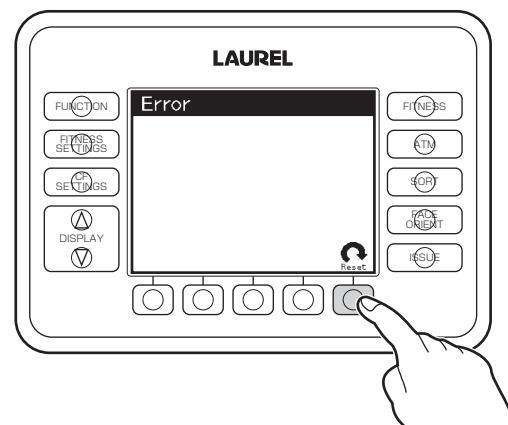
STEP-7 Close the Upper Door.

1. Keep up the Upper Door by the handle to unlock by pressing Lever 6.
2. Close the Upper Door gently.

- ▷ The reset action gets started.
- ▷ Stand-by Display is shown after completing the reset action normally.



▷ If the reset does not get started, press F5 key to activate the reset.



Chapter 4 INSTALLATION, SPECIFICATIONS AND OTHERS

Installation

Condition of installation

Install the unit under following environmental conditions.

- ◆ Temperature: 5 to 34 °C
- ◆ Humidity: 35 to 80 %
- ◆ A unit should be installed at flat and sturdy place 40cm or more higher from floor.
- ◆ The unit was not designed as waterproof. It should be installed indoor.
- ◆ The unit should be installed away from a sink or other water place.
- ◆ Keep away from direct sunlight and spot light.
- ◆ Do not place in a dusty area.
- ◆ Do not install the unit near the air-conditioning, heater or humidifying device.

Installation and Transfer

The unit requires adjustment while its installation or after its transfer. Please contact your regional distributor in transporting the unit.

Specifications

Items	Specifications	
	K4	K8
Acceptable bank note size	Shorter edge: 61 to 82mm Longer edge: 117 to 177mm.	
Hopper Capacity	Approx. 1000 pcs. Height of bank notes is 150mm or less.	
Counting Speed	14 notes per second with the smallest size of Yuan,Euro,Dollar,RUBLE currency. Count speed changes depending on the note size.	
Note Transportation direction	Shorter edge	
Feeding Method	Friction Roller Feeding	
Pocket Capacity	4 pockets	8 pockets
	Capacity of the pocket is maximum 200 pcs.	
Reject Pocket Capacity	Maximum 200 pcs.	
Outer Size	Width 700XDepth 400XHeight 700 mm	Width 960XDepth 400XHeight 700 mm (It is not included the projected part.)
Weight	95kg	130kg
Power source	Phase: Single phase Rated Power Source: AC100V – 240V (+ 6%, – 10%) Frequency: 50/60Hz (± 1Hz) It requires proper grounding.	
Power Consumption	Operation 220W Stand-by 80W	Operation 290W Stand-by 110W
Calorie Consumption	Operation 800kJ Stand-by 290kJ	Operation 1050kJ Stand-by 400kJ
Condition of installation		
Temperature	In operation: 5°C to 34°C (Power on) Not in operation: – 5°C ~ 50°C (Power off)	
Humidity	In operation: 35% ~ 80% (Power on) Not in operation: 20% ~ 85% (Power off) No condensation and frost.	
Installation	Indoor installation Note1) To avoid the direct sunlight. Note2) To keep away from rain or wet areas.	
Interface	USB LAN RS-232C(Connect the Customerdisplay or Printer)	

Accessories

- ◆ Cotton Swab 1 pc.
- ◆ Brush for cleaning (2 type) 1 pc. each.
- ◆ Tweezers 1 pc.
- ◆ Power Cable 1 pc.
- ◆ User manual 1 pc.
- ◆ Modular Cable (With Ferrite Core) 1 pc.

LAUREL Note Sortor K4/K8
User Manual

Apr. 2012 Fifth Edition
Feb. 2009 First Edition

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