# 11-3 Replacing the type

[Necessary tools] Tweezers, opener

(Type is sold separately or as a set.)

| ⚠Warning | The type and type case are hot. |
|---|---|

Replace after they have cooled.

1    Remove the print tape cover, and take off the print tape.

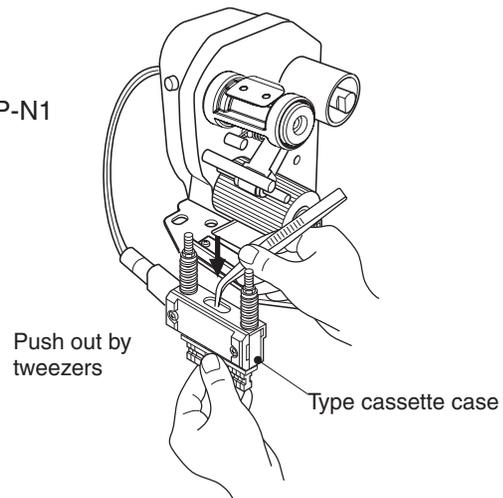### Replacing type for the outer printer.

> In the case of outer printer (FEP-OS-N1, FEP-V-N1), it is difficult to replace the type without removing the heater section from the sealer.
>
> Remove the print tape cover and print tape, and pull out the white cord plug of heater section.
>
> Then loosen the roulette knob and take out the heater section (Refer to page 24.) to replace the types.
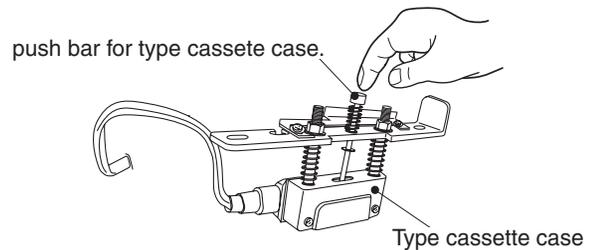>
> Although the right illustration is for the inner printer, the following instructions are the same in the case of outer printer.

2    <FEP-N1>

Push out the type cassette case by pushing tweezers into the hole on the top of heater section.

<FEP-OS-N1/FEP-V-N1>

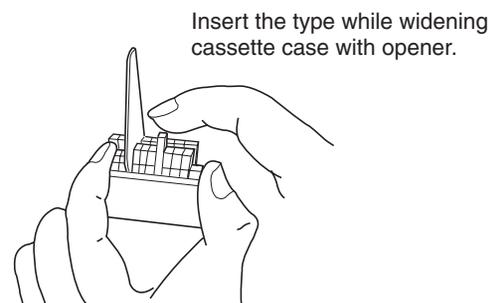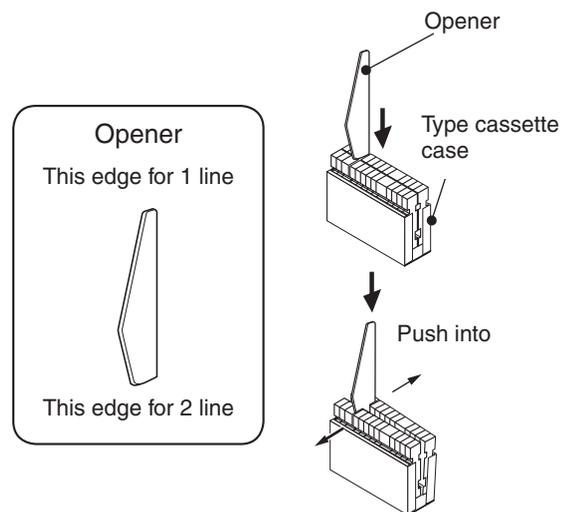Push out the type cassette case by using the push bar for type cassete case.

3    Insert the edge of opener between the types as shown in the right illustration.

(Use the wide edge.)

It widens the cassette case so that types can be easily taken out.

4    When setting the new type, also insert the opener to widen the cassette case.

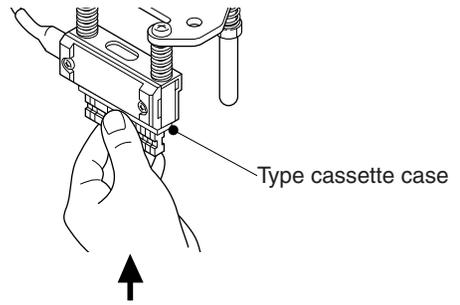Set the type so that the type's groove clicks on L-shape tip of the cassette case.

FEP-N1

Push out by tweezers

Type cassette case

FEP-OS-N1
FEP-V-N1

push bar for type cassete case.

Type cassette case

Opener

Opener
This edge for 1 line

Type cassette case

Push into

This edge for 2 line

Insert the type while widening cassette case with opener.

**5** Push the cassette case back into the heater section and follow the previous instructions (page 19 - 22) to set the print tape.
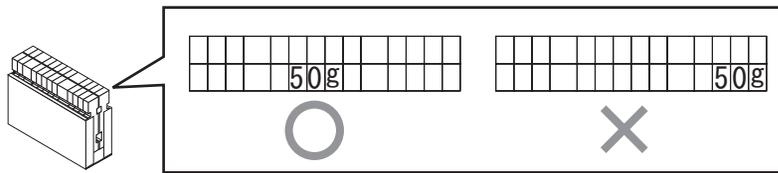


Type cassette case

⚠ Caution  When you set a few types, please put them into a center position.

If set to the right or left end, poor printing might be occurred.

Sample) When only 3 types"50g"are printed;

# 12  Adjustments

Adjustment of the part described below may need maintenance on a daily basis.

Please follow the instructions.

⚠ **Warning**   Do not adjust without following the instruction. It is very dangerous.
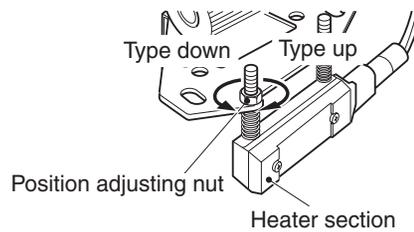
⚠ **Warning**   Before adjustment, pull out the power cord plug and wait until the heater section in the printer has cooled down. There is a possibility of an electrical short if you do not pull out the plug.

It may cause a burn if the heater section is not cool enough. However, to adjust the height of the heater unit, the power has to be ON in order to check the printing results. Please be careful.
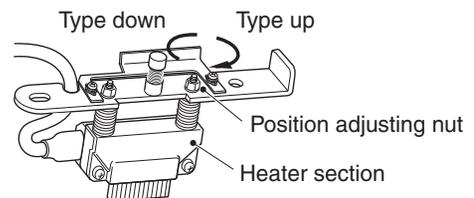
## 12-1 Adjust the height of heater section

To insure clean printing, adjust the height of heater section according to the film material being used.

**1**   Turn the position adjusting screws clockwise to raise the heater section (types) so that, when indexing the printer downward, the printer does not print.

**2**   Turn the position adjusting screws counter-clockwise to gradually lower the type to the point where printing is visible (a little unclear). Be careful when adjusting screws (left and right) so that they are turned equally.

**3**   Turn the position adjusting screws 1/2 turn counter-clockwise to set the types in its optimal position.
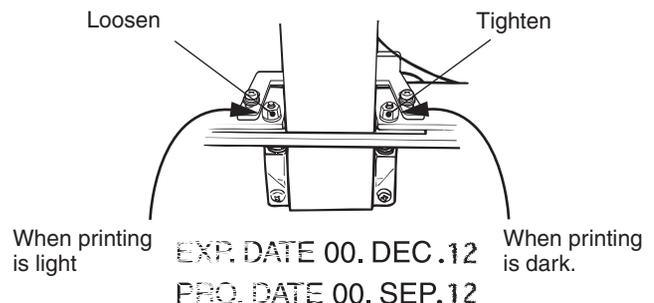
FEP-N1



Type down    Type up

Position adjusting nut

Heater section

FEP-OS-N1/FEP-V-N1



Type down    Type up

Position adjusting nut

Heater section

If the height of heater section is uneven at right and left, printing will not be done well.

**1**   Printing is unclear, Turn the position adjusting screws counter-clockwise to lower the type.

**2**   Printing is too dark or printing trace is too deep.

Turn the position adjusting screws clockwise to raise the type.

**3**   Parts of the condensed type look jammed and print is too thick.

Turn the position adjusting screws clockwise to raise the type and put an exfoliate tape or glass tape on the rubber compression pad.

Loosen                    Tighten



When printing is light

EXP. DATE 00. DEC .12

PRO. DATE 00. SEP.12

When printing is dark.

## 12-2 Adjust the number of printer lines.

The number of printing lines can be selected by selector switch.

It changes the length of tape feeding and to save the print tape.

Initial state (at the shipment) is for two(double) lines.

If dialed to the 1(single) line, the tape feed length changes to for 1 line. (about 5mm)

If you set the 36mm spacer, 1 line becomes blank and 1 line printing can be done.



Printing line selector switch

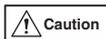| **TIPS** | Must set the 36mm spacer into un-used side of cassette case when 1 line printing. |

## 12-3 Adjust the length of tape feed.

The length of tape feed is set as follows at the shipment.
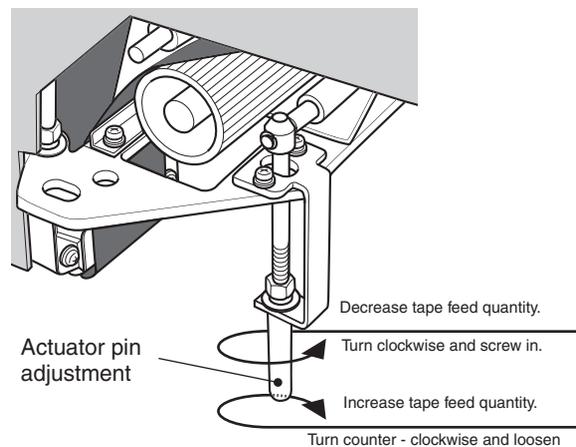
2 line printing … 10mm

1 line printing …   5mm

To increase or decrease the tape feed length, turn the actuator pin adjustment as shown in the right illustration.

| ⚠ Caution | When the printer is shipped, the tape feed quantity is adjusted properly. |
| | Do not change this unless necessary. |



Decrease tape feed quantity.

Turn clockwise and screw in.

Actuator pin adjustment

Increase tape feed quantity.

Turn counter - clockwise and loosen

## 12-4 Adjust the slack of print tape

Sometimes the print tape would be slid a little from the printing position as it is wound up. In this case, please control the tape adjuster
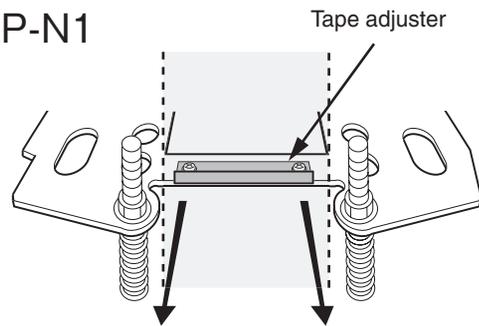
**FEP-N1**

FEP-N1

**1** When the print tape is slid to the right side.

Loosen the screw and pull the right side of tape adjuster

When slid to the left side    When slid to the right side
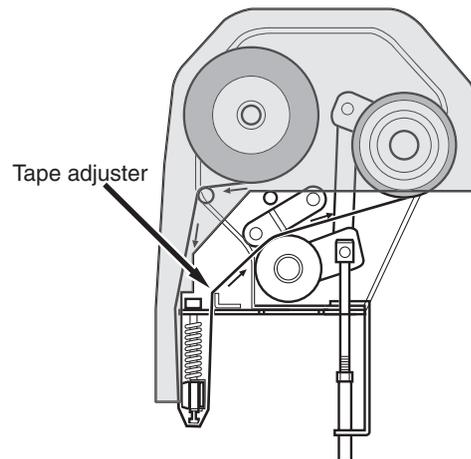
**2** When the print tape is slid to the left side.

Loosen the screw and pull the left side of tape adjuster.

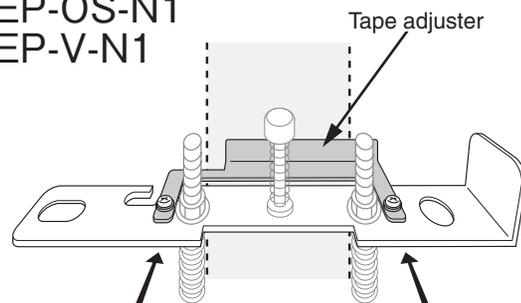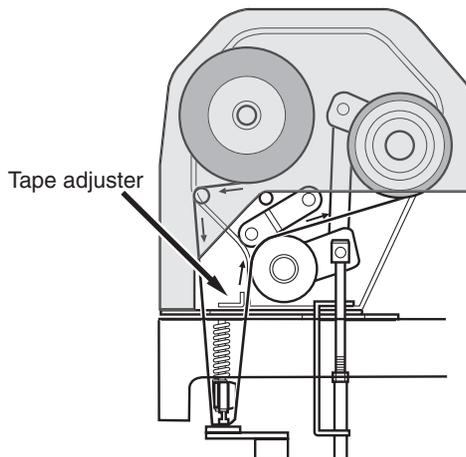\* Fasten the screw keeping the tension of tape.

Tape adjuster

**FEP-OS-N1**
**FEP-V-N1**

FEP-OS-N1, FEP-V-N1

**1** When the print tape is slid to the right side.

Loosen the screw and push the right side of tape adjuster.

Tape adjuster

When slid to the left side    When slid to the right side

**2** When the print tape is slid to the left side.

Loosen the screw and push the left side of tape adjuster.

Tape adjuster

\* Fasten the screw keeping the tension of tape.