

Cover Insertion Unit-B1 Installation Procedures

Follow these procedures to install the Cover Insertion Unit-B1 onto the Saddle Finisher-K3/K3N/K4/K4N/D2.

Note1:

⚠ Make sure that the installation of the Saddle Finisher-K3/K3N/K4/K4N/D2 has been completed before starting installation of the Cover Insertion Unit.

Note2:

⚠ If you are installing the Paper Folding Unit-C1 together with the Cover insertion unit, be sure to install the Cover Insertion Unit first.

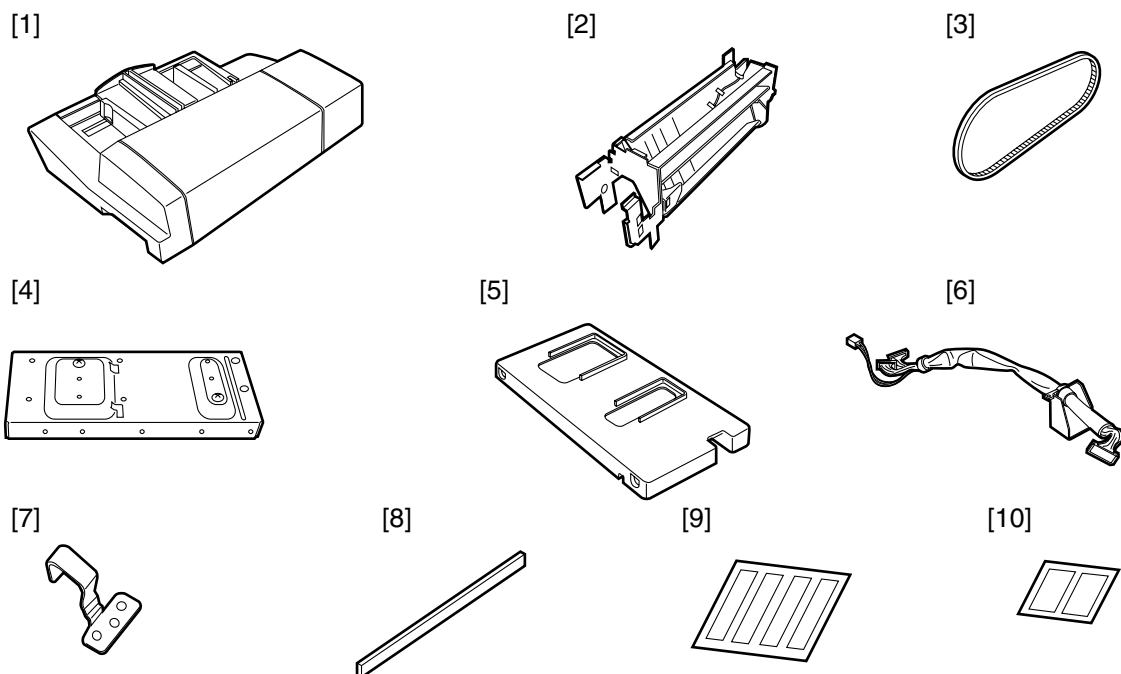
Note3:

⚠ Install the Cover Insertion Unit-B1 with the following process, when the Paper Folding Unit-C1 is already installed in the finisher.

- (1) Remove the paper folding unit temporarily from the finisher.
- (2) Install the cover insertion unit in the finisher.
- (3) Install the paper folding unit in the finisher.

1 Unpacking and confirmation of contents

Unpack the Paper Folding Unit and check the contents against the items shown in Fig. 1-1.



[1] Insertion unit	1	[8] Insertion unit spacer	1
[2] Paper feed assembly	1	[9] Size label	1
[3] Drive belt	1	[10] Loading limitation label	1
[4] Insertion unit mount	1	[11] Screw(M4 x 6, Black)	2
[5] Finisher rear upper cover (2)	1	[12] Screw(M4 x 10, Black)	1
[6] I/F cable	1	[13] Screw(M5 x 8)	3
[7] Lever retaining spring	1	[14] Screw(M4 x 8, silver)	4

Fig. 1-1

2	Installing the paper feed assembly
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- 1) Release the finisher from the copier.
- 2) Remove the finisher punch scraps holder and rear cover.
- 3) Remove the finisher right upper cover (one screw).
- 4) Remove the small cover attached to the finisher right upper cover [1] (two screws).

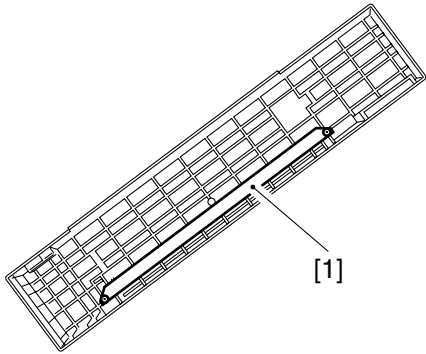


Fig. 2-1

- 5) Attach the small cover [1] to the finisher right upper cover (three screws, M4 x 10 black). Make sure that the paper pickup slit is facing forwards. One of the screws is supplied, and the other two are those which were removed in step 4).

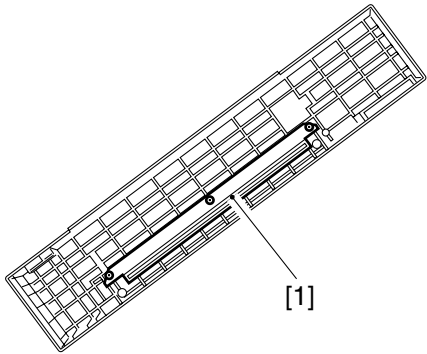


Fig. 2-2

- 6) Remove the latch claw (front) [1] (two screws).

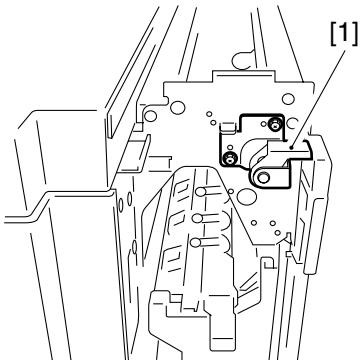


Fig. 2-3

- 7) Open the finisher front cover and upper cover. Pull out the saddle unit.
- 8) Remove the relay frame [1] (four screws at front [2] and three at rear [3]). Once the frame has been pulled forward, it can then be lifted up.

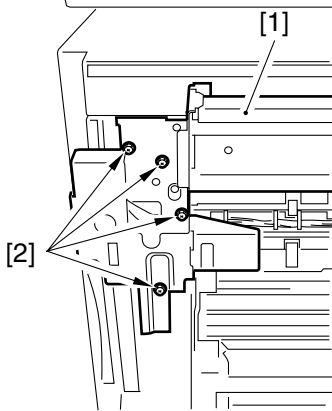


Fig. 2-4

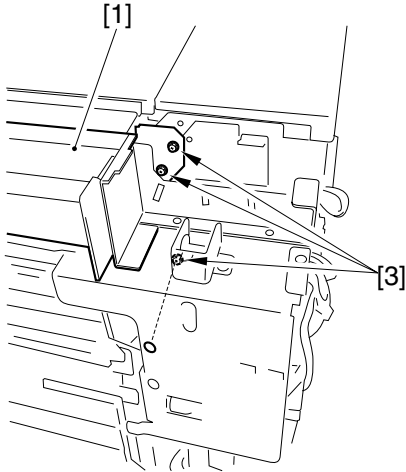


Fig. 2-5

- 9) Attach the paper feed assembly [1] (with the screws from the relay frame).

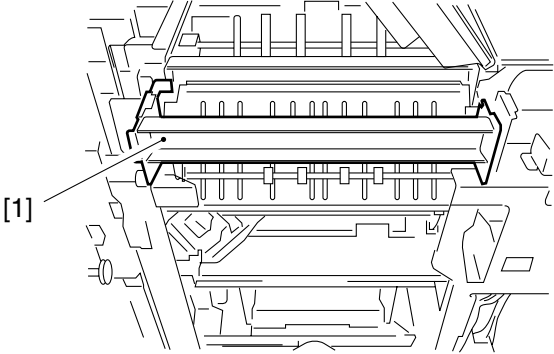


Fig. 2-6

- 10) Attach the latch claw (front) to the paper feed assembly.
- 11) Hook the sensor cables [1] onto the five clamps.

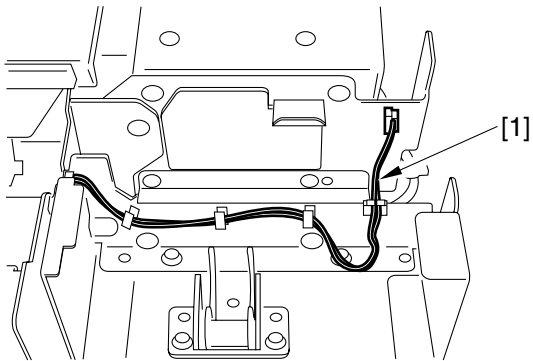


Fig. 2-7

3	Drive belt installation
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- 1) Loosen the tensioner fixing screw [1].

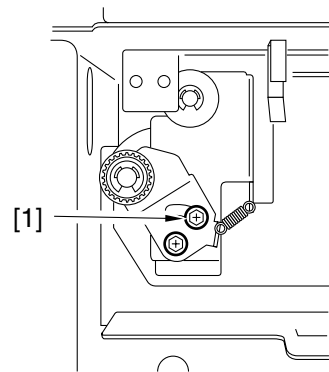


Fig. 3-1

- 2) Attach the drive belt [1].

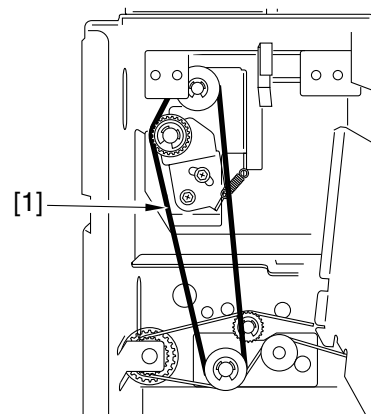


Fig. 3-2

- 3) While the spring is subjected to a small degree of tension, tighten the tensioner fixing screw.

4 Insertion unit mount installation

- 1) Remove the finisher rear upper cover (two screws).
- 2) Attach the insertion unit mount [1] (four screws M4 x 8, supplied).

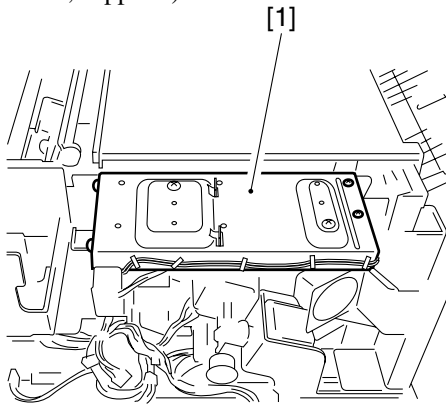


Fig. 4-1

- 3) Insert the relay connector [1] on the right side of the relay cable into the side plate. Connect the paper feed assembly sensor cable into the relay connector.

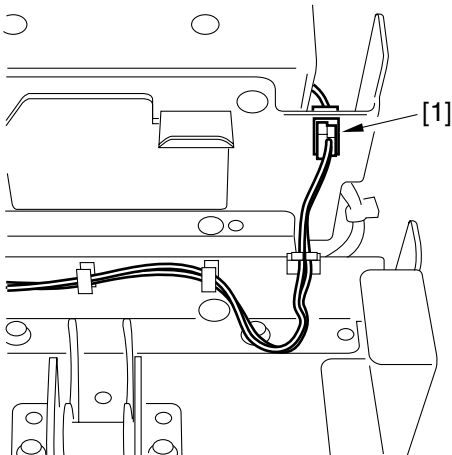


Fig. 4-2

- 4) Insert the relay connector [2] on the left side of the relay cable into the relay circuit board.

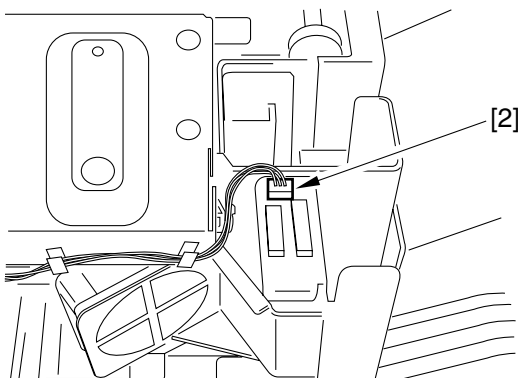


Fig. 4-3

- 5) Insert the three connectors [1] of the I/F cable into the relay circuit board. Attach the cable clip [2].

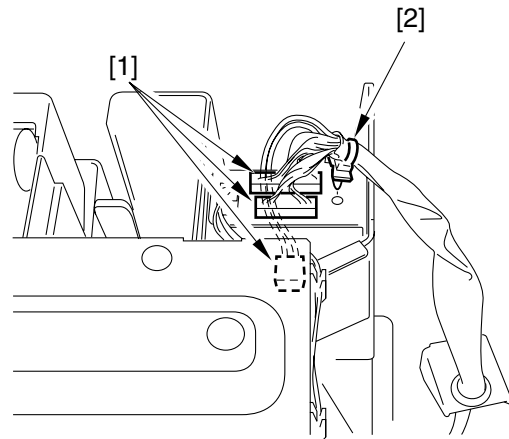


Fig. 4-4

- 6) In this case, adjust a position so that a cable passes along a cable hole.

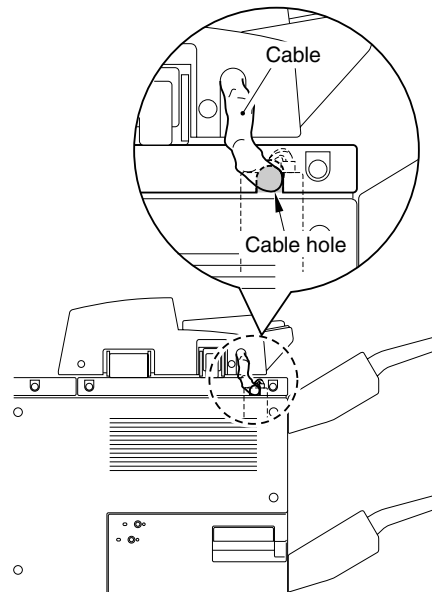


Fig. 4-5

- 7) Attach the finisher rear cover (eight screws).
- 8) Attach the finisher rear upper cover (2) that comes with the unit. (two screws which were used to secure the finisher rear upper cover).
- 9) Connect the finisher to the main unit, and attach the finisher right upper cover (one screw).

5

Mounting the insertion unit

- 1) Fit the supplied screw [1] (M5 x 8, silver) into the insertion unit mount screw hole. Once it is fully screwed in, loosen it two and a half turns. This is to allow the insertion unit hinge to be fitted in the next step.

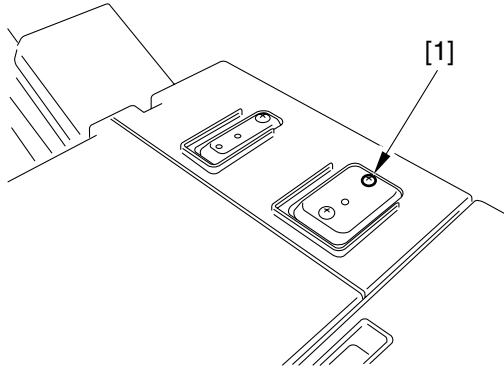


Fig. 5-1

- 2) Mount the insertion unit [1] onto the insertion unit mount. Put the three screws from the insertion unit mount into the keyhole shaped hole in the insertion unit hinge.

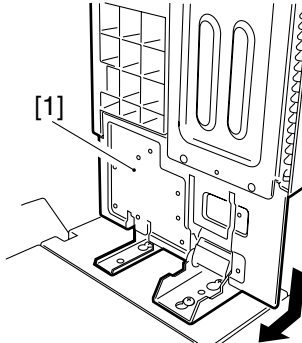


Fig. 5-2

- 3) Screw the two supplied screws [1] (M5 x 8, silver) into the insertion unit hinge. At this point, provisionally tighten the screws.

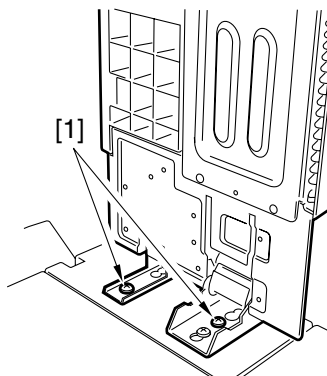


Fig. 5-3

- 4) Close the insertion unit. Line up the pin [1] at the front of the insertion unit base with the hole in the finisher right upper cover [2].

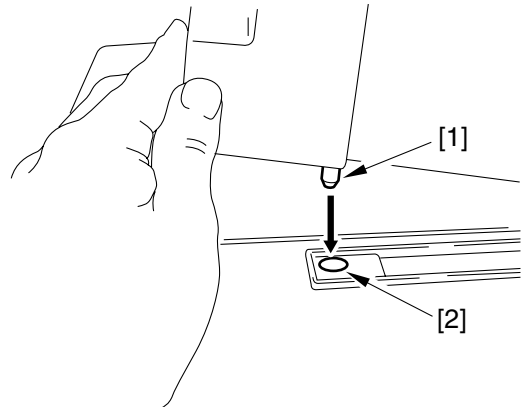


Fig. 5-4

- 5) Remove the insertion unit rear cover (three screws), and tighten the insertion unit right hinge rear screw [1]. The front part of the insertion unit should be held down while doing this.

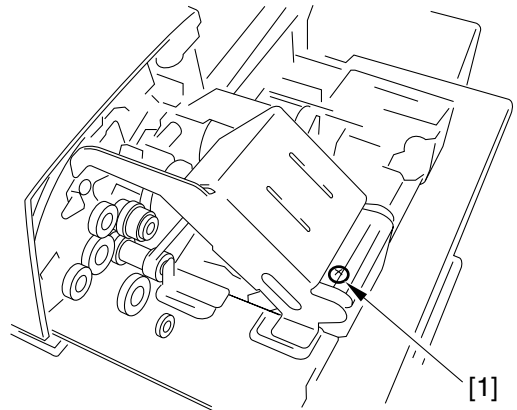


Fig. 5-5

- 6) Open the insertion unit and tighten the two insertion unit hinge screws [1].

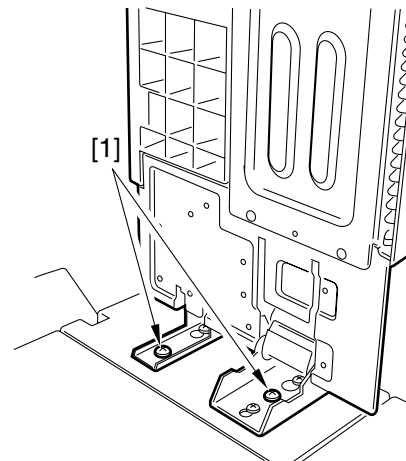


Fig. 5-6

6	I/F cable connection
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- 1) Insert the I/F cable connector [1] into the insertion unit driver circuit board.
- 2) Fix the cable mount [2] to the insertion unit base plate (one screw M4 x 6, black, supplied)

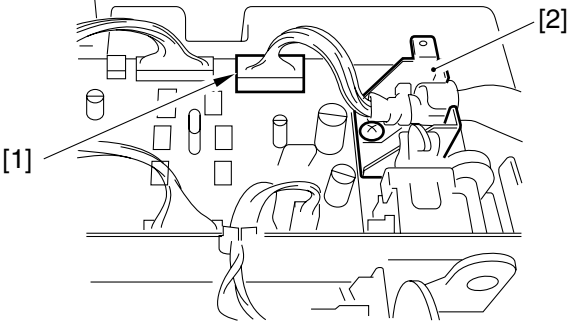


Fig. 6-1

7	Checking the Shorting Connector
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- 1) Fit the shorting connector of the inserter driver PCB to suit the desired printing speed.

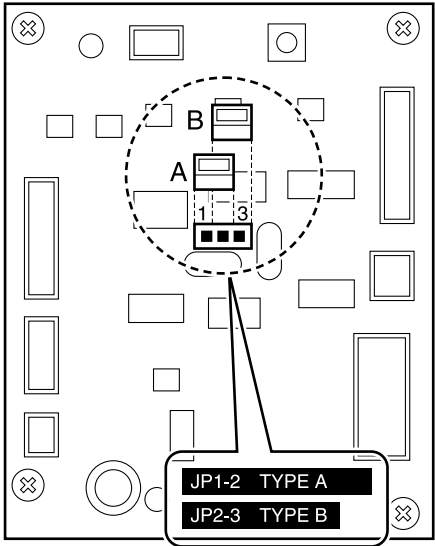


Fig. 7-1

- A: If the host machine is iR600 series/iR105.
- B: If the host machine is iR7500/8500 series.

- 2) Mount the inserter rear cover.

8	Lever retaining spring installation
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- 1) Open the finisher front cover [1].
- 2) Attach the lever retaining spring [2]. (One screw M4 x 6, black)

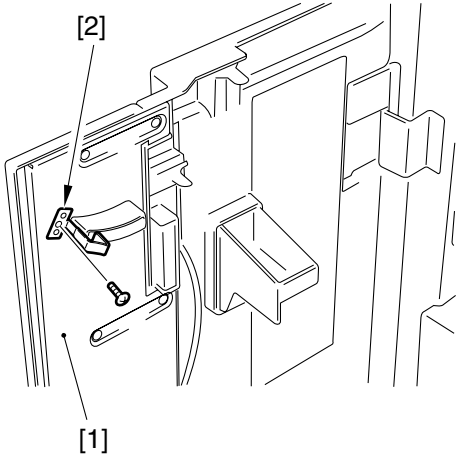


Fig. 8-1

9	Insertion unit spacer installation
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- 1) Open the insertion unit and attach the insertion unit spacer [1].

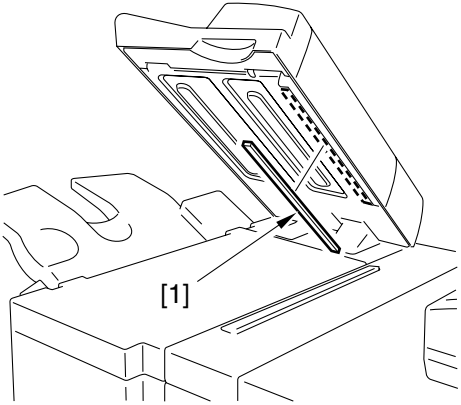


Fig. 9-1

10 Size label installation

- 1) Attach the size label [1] and the loading limitation label [2] in the position indicated in the illustration.

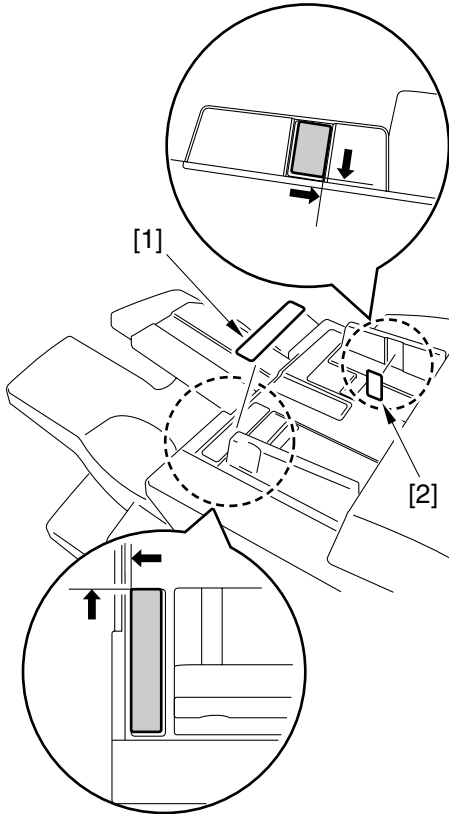


Fig. 10-1

11 Roller fixing plate removal

- 1) Open the upper cover of the insertion unit; then, using a screwdriver, remove the hook cover [1] as indicated, and remove the inner cover [2]. In this case, be careful for the claw of a hook cover to separate from two places simultaneously.

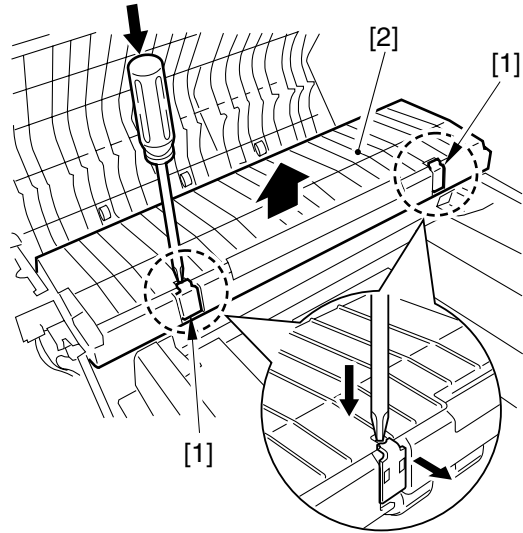


Fig. 11-1

- 2) Remove the roller fixing plate [1] (three screws [2]).

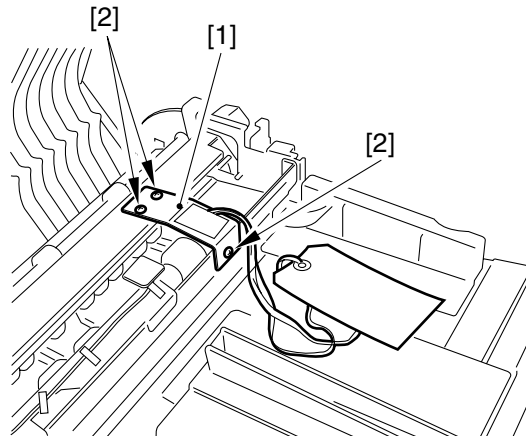


Fig. 11-2

- 3) Attach the inner cover.