

RU-506 Relay Unit











INSTALLATION MANUAL

Applied Machine: C6501/C6501P/C65hc/C8000/C7000/C7000P/C6000/C70hc/1200/1200P/1051
 COLOR MFP: 65ppm COLOR PRESS: 80/(71ppm/71ppm)/(70ppm/70ppm)/(60ppm/60ppm) MFP: 120ppm/105ppm-2
 Product Code: A0U0/A0U2/A0Y8/A1RF/A1DU/A204/A1DV/A205/A0G6/A0GA/A0G9

I. Confirmation

After mounting the RU-506 using this installation manual, refer to the respective installation manuals for installing other options.

II. Accessory parts

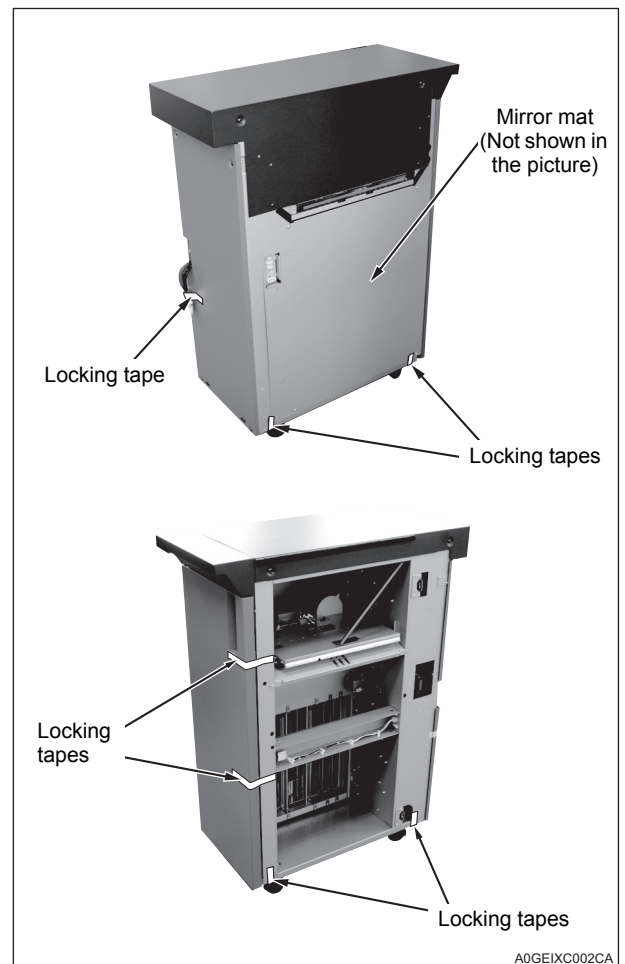
No.	Name	Shape	Q'ty
1.	Installation plate/1	 15AQIXC001CA	2
2.	Installation plate/2	 15AQIXC002SA	1
3.	Installation plate/3	 15AQIXC003SA	1
4.	Installation plate/4	 15AQIXC004SA	1
5.	Connector cover	 15BMIXC002SA	1
6.	TP screw (black) M3x6		6
7.	TP screw M4x8		8
8.	TP screw M4x10		2
9.	Protective cover	 A0GEIXC001CA	1
10.	Installation manual		1

III. Confirmation Prior to Installation

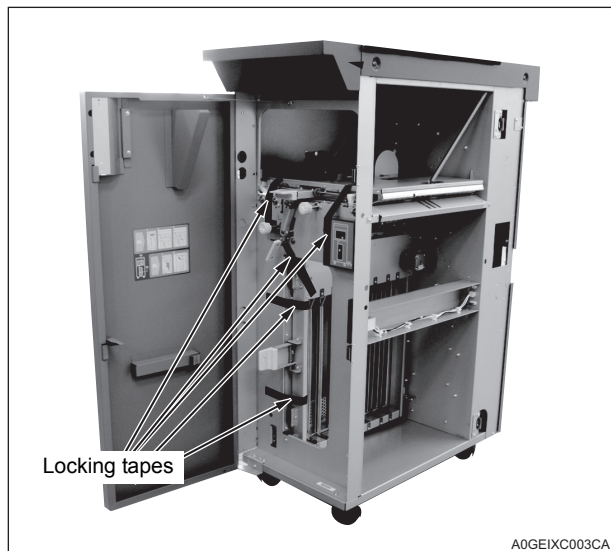
1. Select a flat and stable place for installing the machine.
2. Unit weight: Approx. 47kg
3. Make sure to have an adequate number of persons for handling or carrying the machine.
4. The packaging material should not be reused for repacking.

IV. Lock Removal Procedures

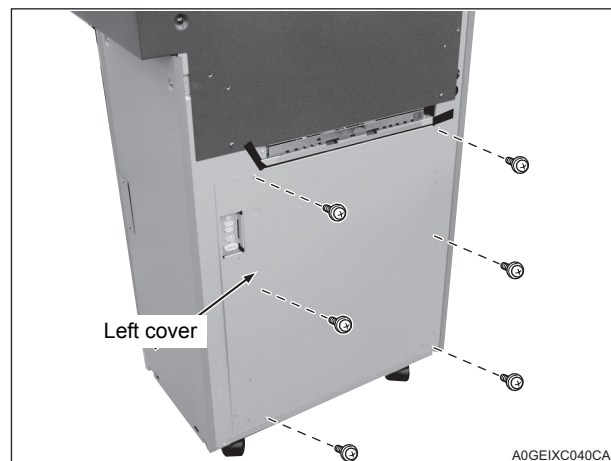
1. Visually inspect the unit, and remove external locking tapes and the mirror mat.



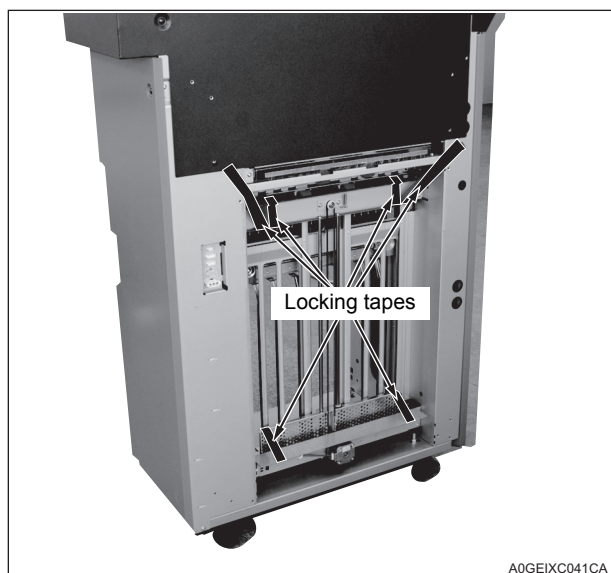
2. Remove the locking tapes from each guide plates.



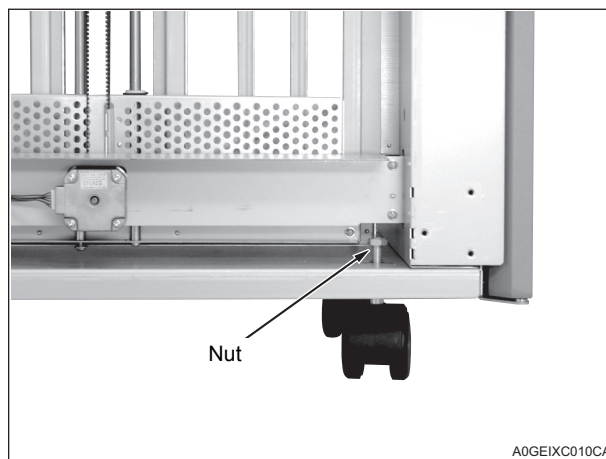
3. Remove the RU left cover. (6 screws)



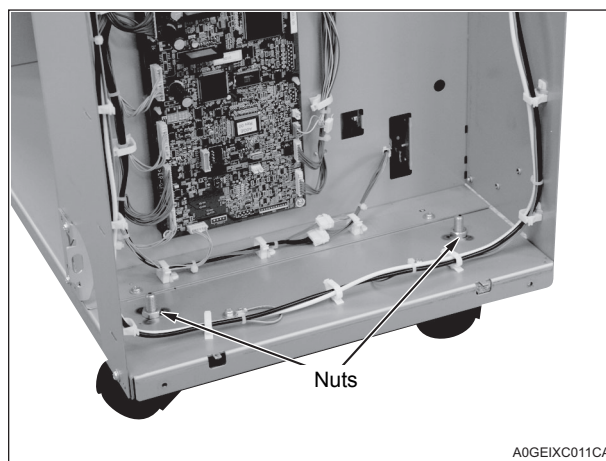
4. Remove the locking tapes. (6 places)



5. Loosen the nut but not remove it. (left front side)



6. Reinstall the RU left cover. (4 screws)
7. Remove the RU rear cover. (4 screws)
8. Loosen the nuts of the rear casters but not remove them. (2 places)



9. Reinstall the rear cover. (4 screws)
10. Loosen the nut of the caster on the right front side as well. (1 place)

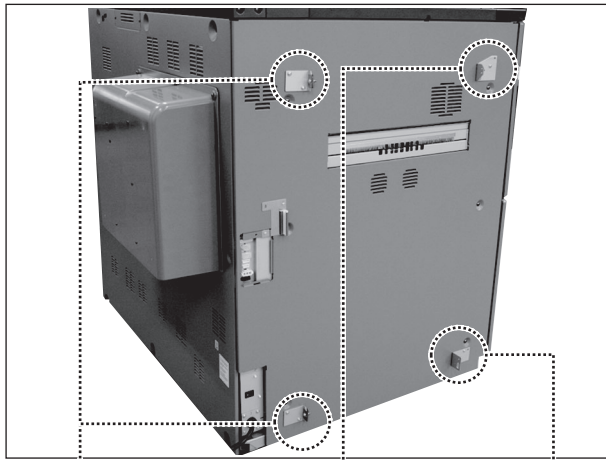
V. Installation Procedure

Installation procedure for [RU-506+MFP 120ppm series]

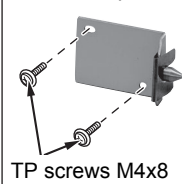
1. Turn OFF the machine's Sub and Main power switches, and unplug the power cord.
2. Install the Installation plate/1 (2 places), the Installation plate/2, and the Installation plate/3 on the left side of the main body as below. (TP screw M4x8: each 2 pcsx4 places.)

Note:

For the Installation plate/2 and the Installation plate/3, use the screw holes without the engraved marking "FS503".

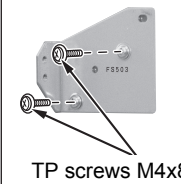


Installation plate/1



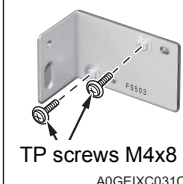
TP screws M4x8

Installation plate/2



TP screws M4x8

Installation plate/3

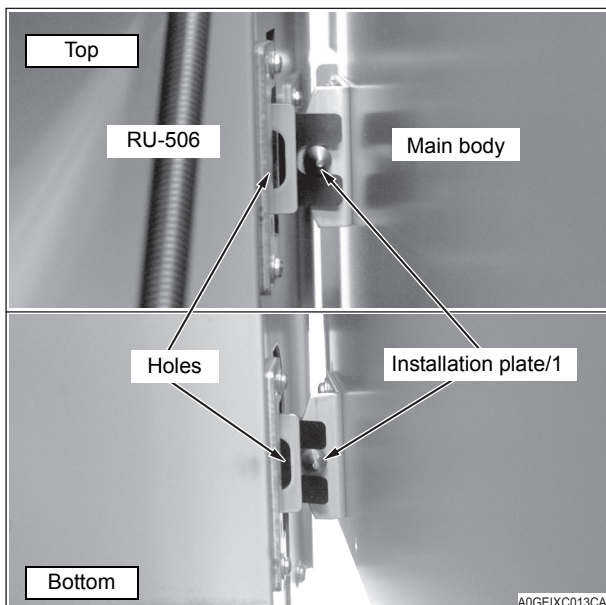


TP screws M4x8

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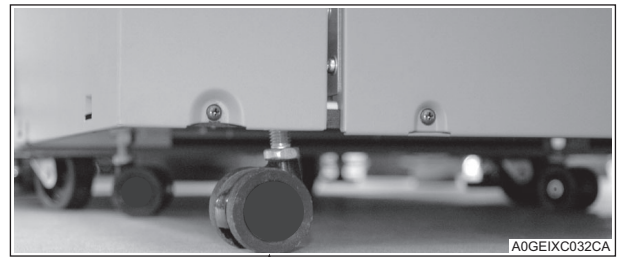
3. Install RU-506 to the main body.

- (1) Align the top and bottom holes of RU-506 to the Installation plate/1 pins, and lock them by sliding RU-506 to the back.

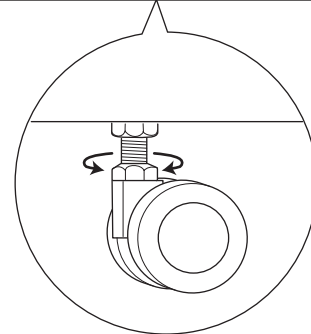


Note:

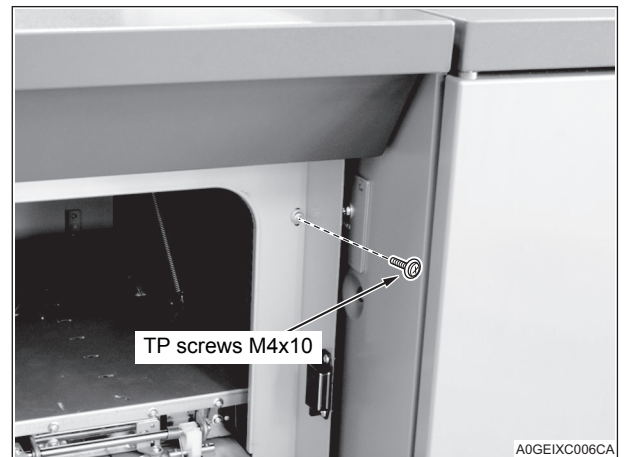
If the gap between RU-506 and machine is not equal from the top through the bottom, adjust it by the height of 4 casters of RU-506.



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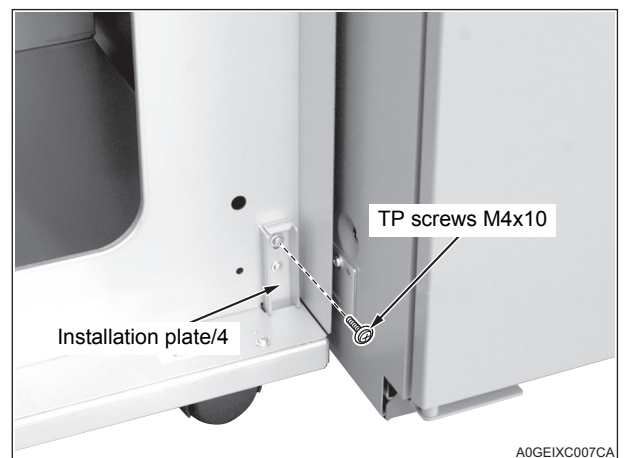


- (2) Secure the RU-506 upper part to the main body with a screw. (TP screw M4x10: 1)



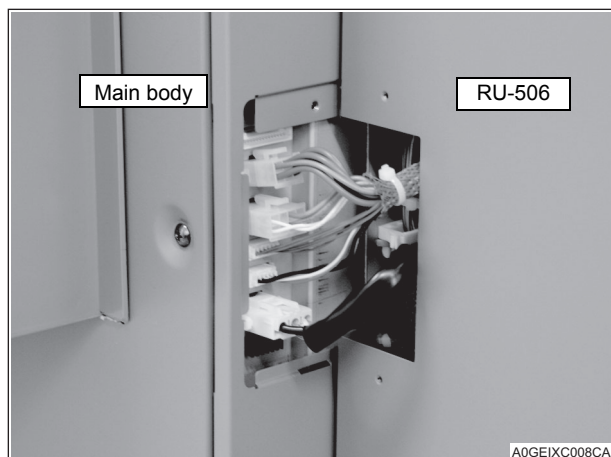
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- (3) Install the installation plate/4 to secure the RU-506 lower part to the main body. (TP screw M4x10: 1).

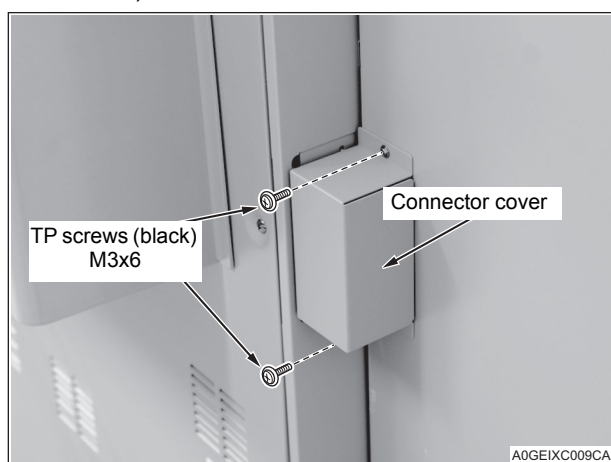


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4. Connect 5 connectors of RU-506 to the connectors of the main body. (2-pin connector is not used.)



5. Install the connector cover. (TP screw (black) M3x6: 2)

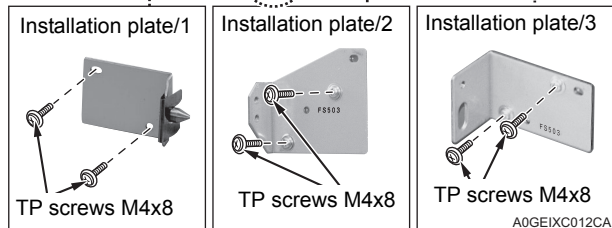
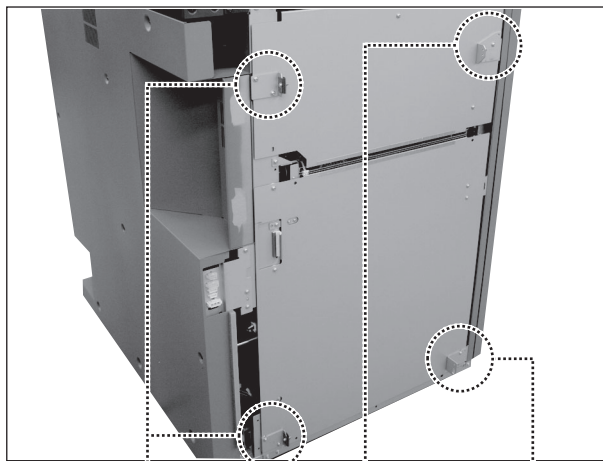


Installation procedure for [RU-506+PI-PFU+MFP 120ppm(105ppm-2) series]

1. Turn OFF the machine's Sub and Main power switches, and unplug the power cord.
2. Install the Installation plate/1 (2 places), the Installation plate/2, and the Installation plate/3 on the left side of the PI-PFU as below. (TP screw M4x8: each 2 pcsx4 places.)

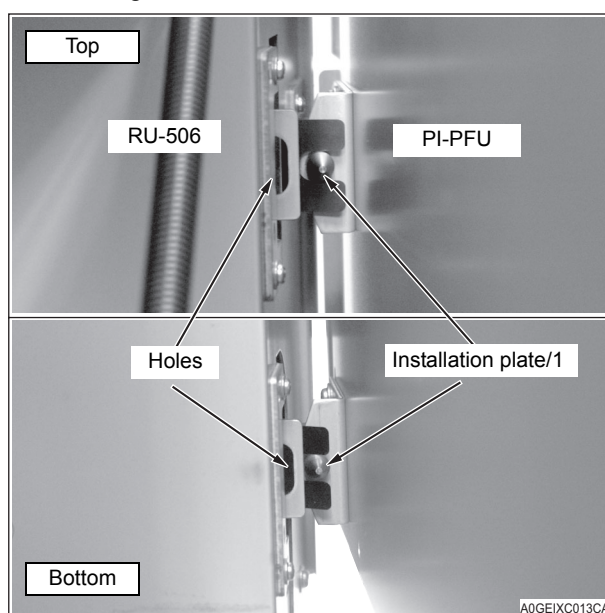
Note:

For the Installation plate/2 and the Installation plate/3, use the screw holes without the engraved marking "FS503".

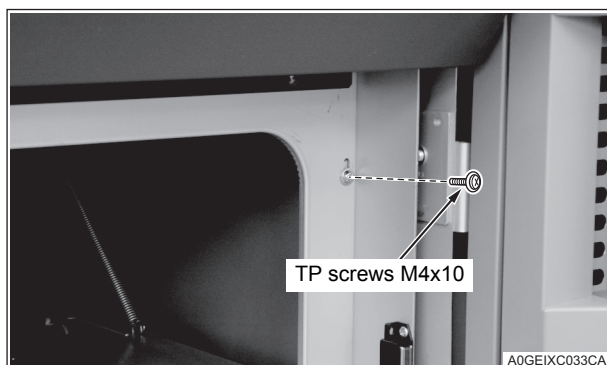


3. Install RU-506 to PI-PFU.

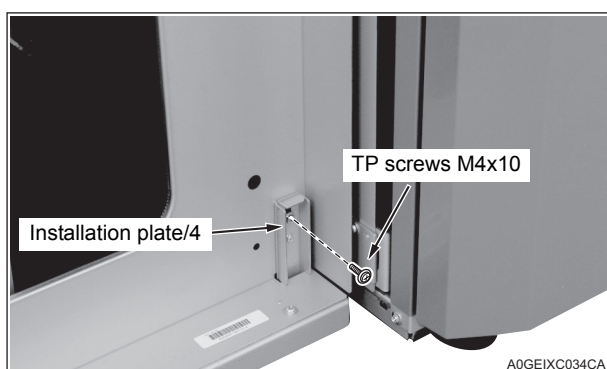
- (1) Align the top and bottom holes of RU-506 to the Installation plate/1 pins, and lock them by sliding RU-506 to the back.



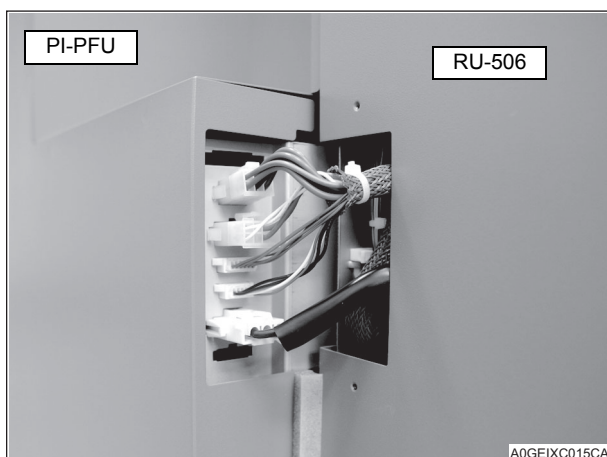
- (2) Secure the RU-506 upper part to PI-PFU with a screw. (TP screw M4x10: 1)



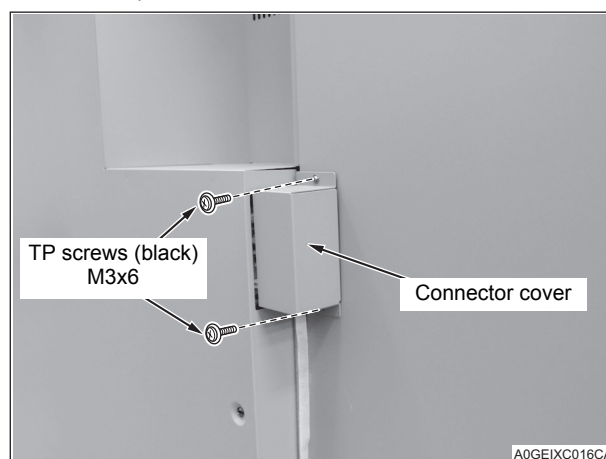
- (3) Install the installation plate/4 to secure the RU-506 lower part to PI-PFU. (TP screw M4x10: 1).



4. Connect 5 connectors of RU-506 to the connectors of PI-PFU. (2-pin connector is not used.)



5. Install the connector cover. (TP screw (black) M3x6: 2)



Installation procedure for
[RU-506+GP-501+MFP 120(105ppm-2) series]
[RU-506+GP-501+RU-504+COLOR MFP 65ppm series]
[RU-506+GP-501+RU-508+C8000]
[RU-506+GP-501+RU-509
+C7000/C7000P/C6000/C70hc]

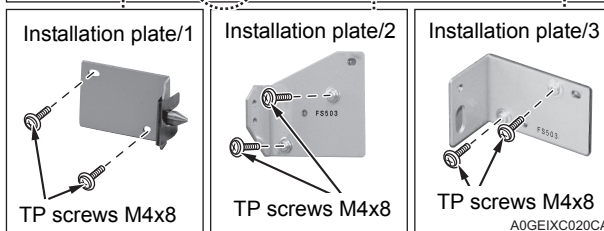
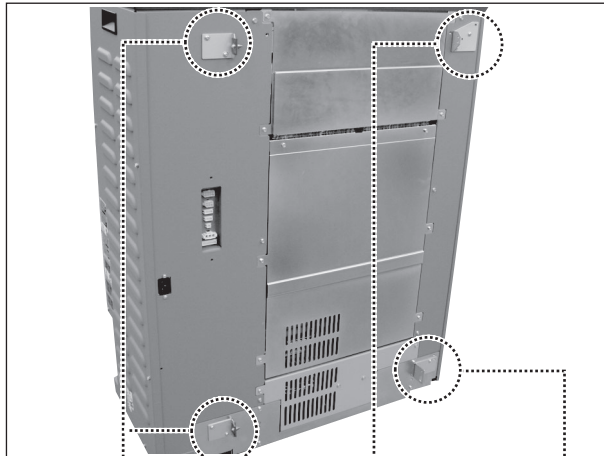
1. Turn OFF the machine's Sub and Main power switches, and unplug the power cord.
2. Remove the connector cover. (2 screws)



3. Install the Installation plate/1 (2 places), the Installation plate/2, and the Installation plate/3 on the left side of GP-501 as below. (TP screw M4x8: each 2 pcsx4 places.)

Note:

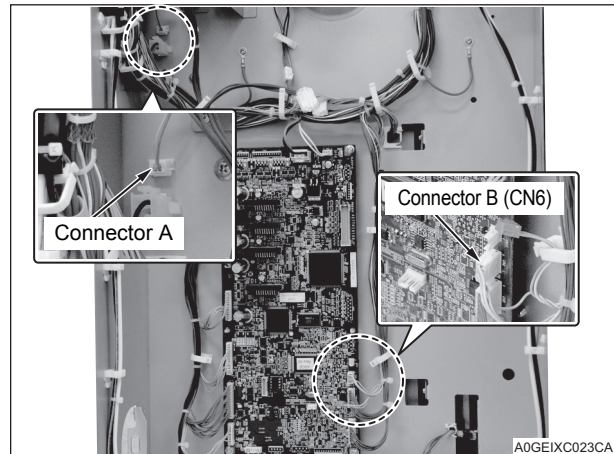
For the Installation plate/2 and the Installation plate/3, use the screw holes without the engraved marking "FS503".



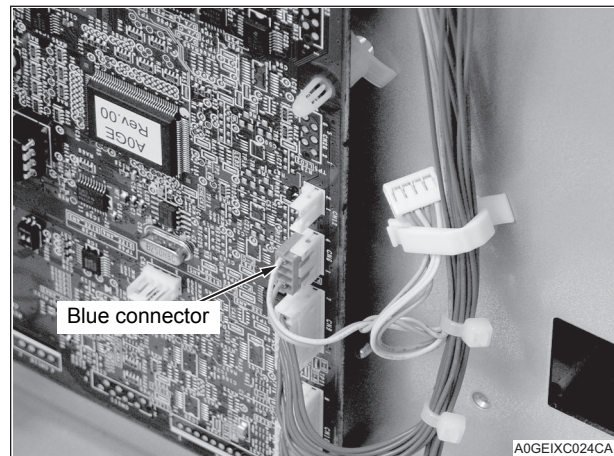
4. Remove the rear cover of RU-506. (4 screws)



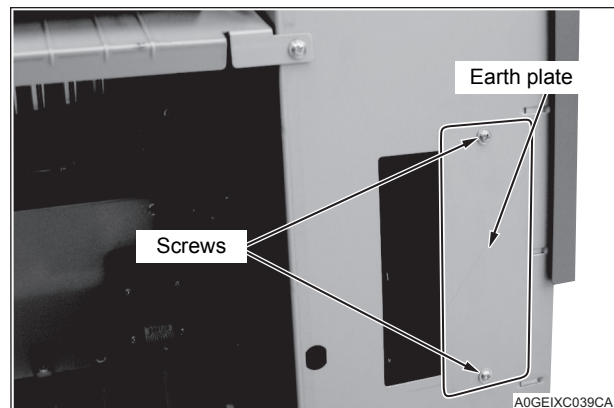
5. Remove 2 connectors shown in the picture.



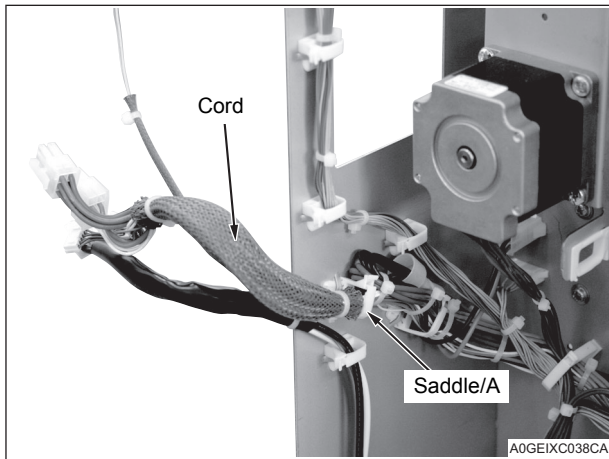
6. Connect the blue connector to the connector B (CN6) which was removed in step 5.



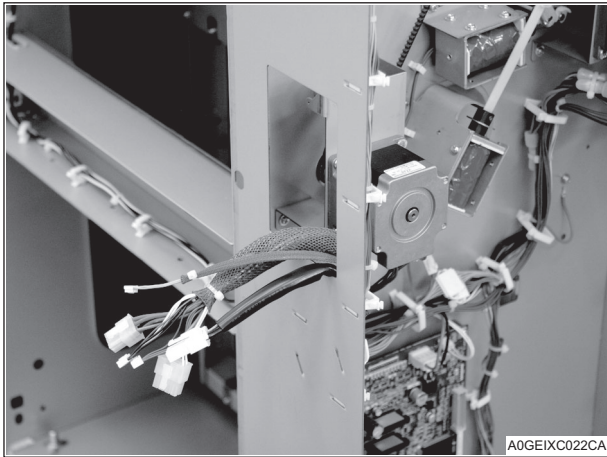
7. Remove the earth plate. (2 screws)



8. Remove the cord from the saddle/A.

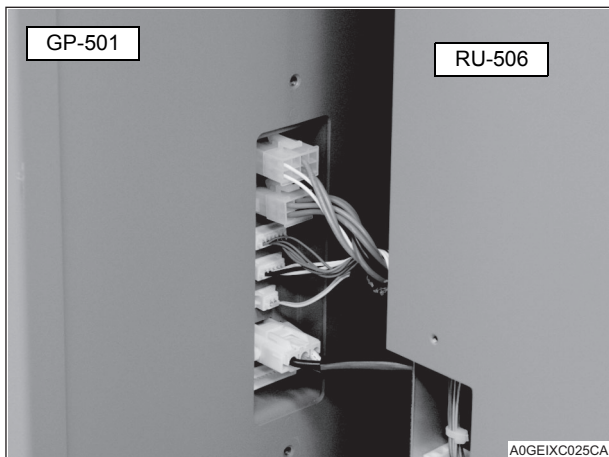


9. Pull out the cords from the right side of RU-506.



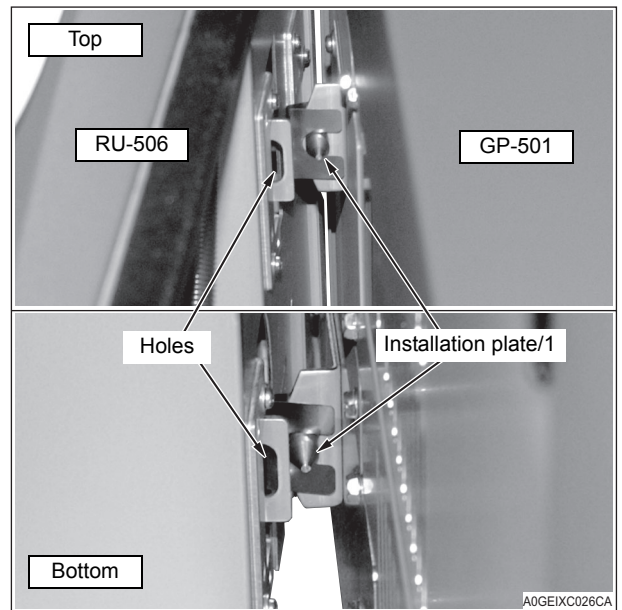
10. Install the rear cover of RU-506.

11. Connect 6 connectors of RU-506 to the connector jacks on GP-501.

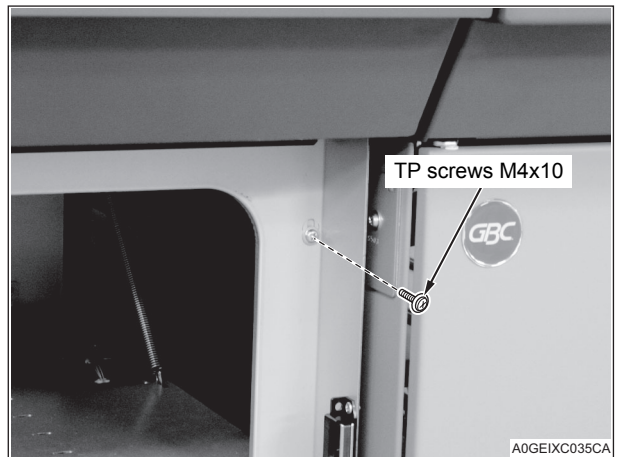


12. Install RU-506 to GP-501.

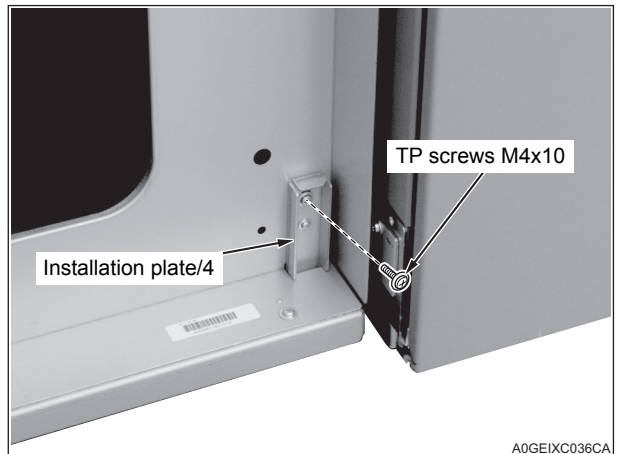
(1) Align the top and bottom holes of RU-506 to the installation plate/1 pins, and lock them by sliding RU-506 to the back.



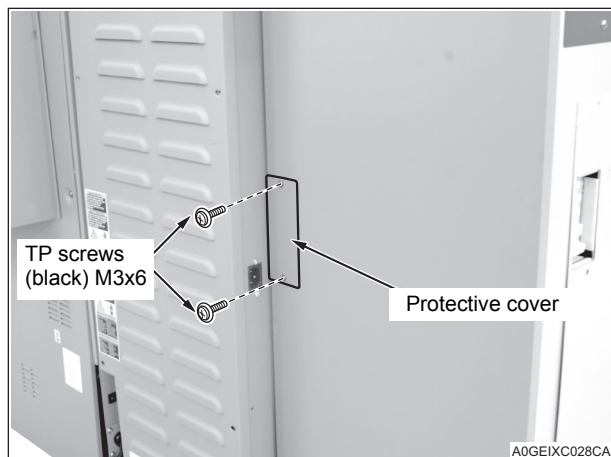
(2) Secure the GP-501 upper part to RU-506 with a screw. (TP screw M4x10: 1 pc.)



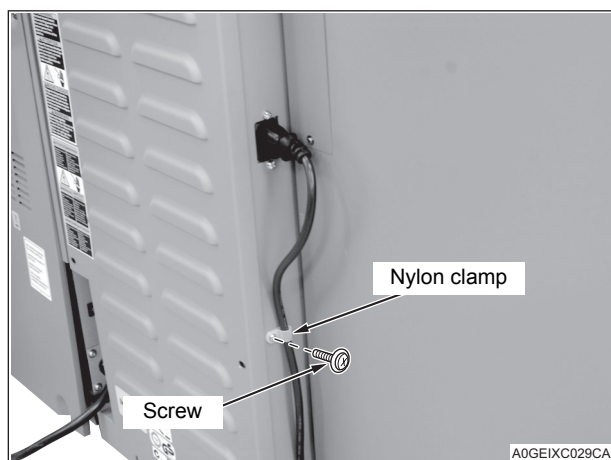
(3) Install the installation plate/4 to secure the GP-501 lower part to RU-506. (TP screw M4x10: 1 pc.)



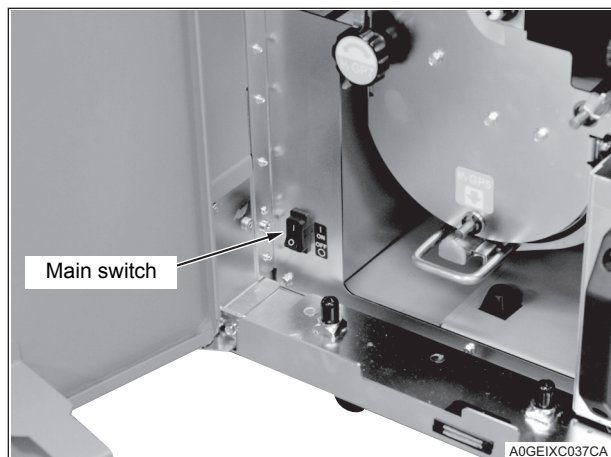
13. Install the protective cover. (TP screw (black) M3x6: 2 pc.)



14. Plug in the power cord and fix it in the nylon clamp. (bundled in GP-501)



15. Open the GP-501 front door and turn ON the main switch.



VI. Serial Number Registration

Register the serial number of the RU-506 that has been installed to the machine.

You will find the serial number at the bottom by opening the front door.

[C6501/C6501P/C65hc]

[MFP 120ppm(105ppm-2) Series]

	Step
1.	Plug the power cord into the outlet and turn ON the Main power switch.
2.	Enter Service mode. Note: Refer to procedures in the Service Manual to enter into the Service Mode.
3.	Touch "System Setting".
4.	Touch "M/C Serial Number Setting".
5.	Touch "Finisher" to display the serial number setting screen. (Select the installation order key.)
6.	Enter the serial number of the RU-506 and touch "OK". (Use "Shift" to switch between upper case letters and lower case letters.)
7.	Touch "OK" on the serial number setting screen.

[C8000/C7000/C7000P/C6000/C70hc]

	Step
1.	Plug the power cord into the outlet and turn ON the Main power switch.
2.	Enter Service mode. Note: Refer to procedures in the Service Manual to enter into the Service Mode.
3.	Touch "System Setting".
4.	Touch "Serial Number Setting".
5.	Touch "Finisher" to display the Serial number setting screen. (Select setting number key.)
6.	Enter the serial number of the RU-506 and touch "OK". (Use "Shift" to switch between upper case letters and lower case letters.)
7.	Touch the "Return" key and then touch the "Close" key.

VII.Importing Adjustment Data

Import the factory adjustment data of the RU-506 to the machine memory.

If a RU-506 and other optional units are connected, they can recover the standard data at the same time.

[MFP 120ppm(105ppm-2) Series]

	Step
1.	On the Service mode menu screen, touch "Finisher Adjustment".
2.	Touch "Recall Standard Data".
3.	Touch "Factory Initial Data" on the recall standard data screen.
4.	"Initialize Completed" appears on the screen.

[C6501/C6501P/C65hc/C8000/C7000/C7000P/C6000/C70hc]

	Step
1.	On the Service mode menu screen, touch "Finisher Adjustment".
2.	Touch "Recall Standard Data" key.
3.	Touch "Factory Initial Data" on the recall standard data screen and then touch the "Yes".
4.	Touch the "Return" key and then touch the "Close" key.

[C6501/C6501P/C65hc/C8000/C7000/C7000P/C6000/C70hc]

	Step
6.	On the Service mode menu screen, touch the "State Confirmation".
7.	Touch "I/O Check Mode".
8.	Enter "9" and "0" using the quantity setting buttons. Make sure that <90-00> appears on the message display.
9.	Press the [Start] key. Make sure that <OUT:FIN> appears on the message display after the adjustment.
10.	Touch "Return", then touch "Exit".

VIII.Adjustment Data Backup

If the RU-506 adjustment data is changed, back up the main body RU-506 data to the RU-506 memory.

If a RU-506 and other optional units are connected, the data will be backed up at the same time.

[MFP 120ppm(105ppm-2) Series]

	Step
1.	On the Service mode menu screen, touch the "Machine Condition".
2.	Touch "I/O Check Mode".
3.	Enter "9" and "0" using the quantity setting buttons. Make sure that <090-00> appears on the message display.
4.	Press the [Start] key. Make sure that <OUT:FIN> appears on the message display after the adjustment.
5.	Touch "Return", then touch "Exit".