

MC770 / MC780
MPS3537mc / MPS4242mc
Option Tray Unit
Maintenance Manual

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PREFACE

This manual explains the maintenance methods of OptionTray unit optionally installed in the MC760/MC770/MC780.

This manual is prepared for the maintenance person. In regard to the handling methods of MC760/MC770/MC780, please refer to the User's Manual.

- Note!**
- Contents of this manual is subject to change without notice.
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 - Parts of this product are delicate and can be damaged unless properly handled. We strongly recommend the user to maintain the product at the hand of the registered maintenance person of our company
 - Before starting the maintenance work, please neutralize the static electricity.

1. REPLACEMENT OF PARTS

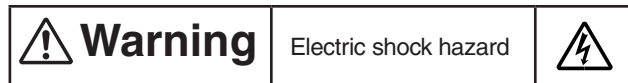
This chapter describes the procedures of the field replacement of parts, assemblies and units. The procedures are to detach them. Reverse the procedures to attach them.

The reference part numbers used in this manual (such as ① and ②) do not identical to the part numbers in the maintenance disassembly configuration diagram (45466501TL) and RSPL (45466501TR) for the manual.

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1.1 Notes on replacement of parts

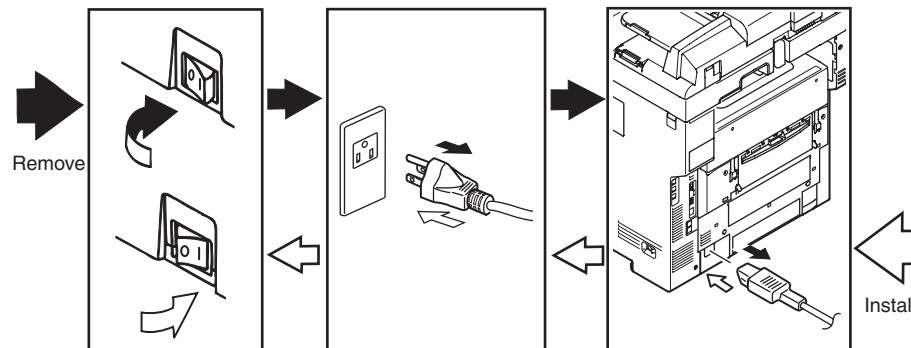
- (1) Prior to replacing a part, unplug the AC cord and the interface cable.
 - (a) Be sure to use the following procedure to unplug the AC cord:
 - ① Turn off the printer [the power switch to the off (O) position].
 - ② Pull out the AC plug of the AC cord from the AC power source.
 - ③ Unplug the AC cord and the interface cable.



When replacing the low-voltage power supply, electric shock may occur. Wear insulated gloves, or be careful not to touch the conductors or terminals of the power supply directly. After the AC cord is unplugged, the capacitor may take about one minute to discharge completely or, due to PCB breakdown, could not discharge. Use caution about electric shock.

- (b) Always use the following procedure to reconnect the printer:
 - ① Connect the AC cord and the interface cable to the printer.
 - ② Insert the AC plug into the AC power source.
 - ③ Turn on the printer [the power switch to the on (I) position].



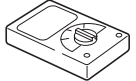
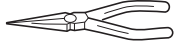
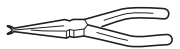
- (2) Do not disassemble the printer so long as it operates properly.
- (3) Minimize disassembly. Do not detach parts not shown in the part replacement procedure.
- (4) Use the replacement tools specified.
- (5) Conduct disassembly in the order instructed, or part damage may occur.
- (6) Removed small parts, such as screws or collars, should be tentatively installed in their original positions.
- (7) Do not use static-prone gloves when handling integrated circuits (ICs), including microprocessors, and ROM and RAM chips, or circuit boards.
- (8) Do not place printed-circuit boards (PCBs) directly on the printer or a floor.



Maintenance Tools:

Table 1-1-1 shows the tools necessary to replace printed-circuit boards and units:

Table 1-1-1: Maintenance Tools

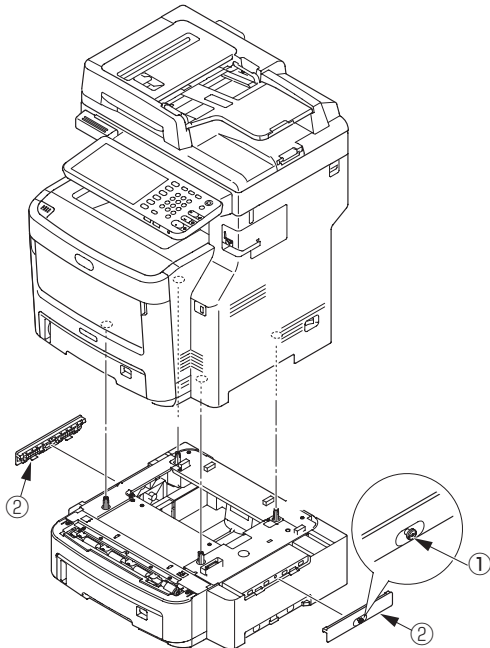
No.	Maintenance Tool	Quantity	Use	Remarks
1	 Phillips screwdriver with magnetic tip, No. 2-200	1	3- to 5-mm screws	
2	 Screwdriver No. 3-100	1		
3	 Digital multimeter	1		
4	 Pliers	1		
5	 E-ring pliers	1	E-shaped ring removal	

1.2 Part replacement procedure

This section describes the procedure for replacing the parts and assemblies shown in the disassembly diagrams below.

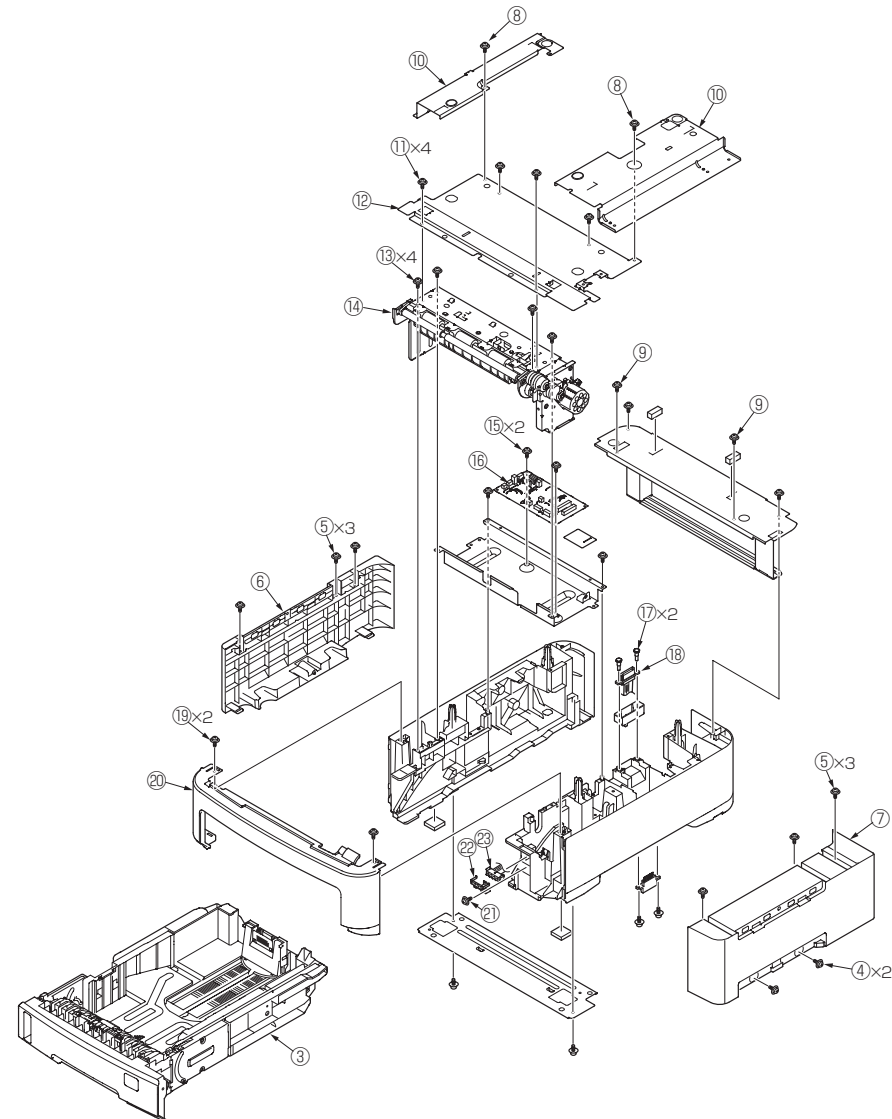
1.2.1 Board-GOH-11 etc

- (1) Remove the two screws (Silver,No:41723901) ① ,and remove the Joint ② ,and remove the Option Tray from MFP.



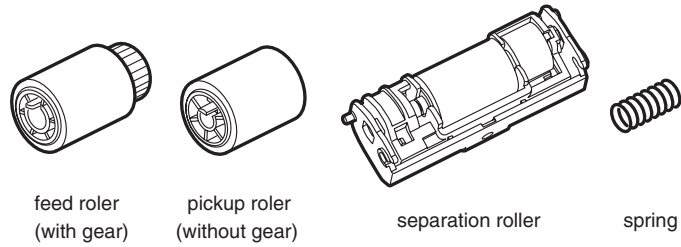
- (2) Remove the cassette ③ from Option Tray Unit.
- (3) Remove the two screws (Black,No:42932708) ④ ,and six screws (Silver,No:42920406) ⑤ ,and remove the Cover-Side-L ⑥ and Cover-Side-R ⑦ .
- (4) Remove the two screws (Silver,No:42920406) ⑧ ,and two screws (Black,No:42932708) ⑨ ,and remove the Plate-Joint ⑩ .
- (5) Remove the four screws (Silver,No:42920406) ⑪ ,and remove the Plate-Top ⑫ .
- (6) Remove the four screws (Silver,No:42920406) ⑬ ,and remove the Hpping-Assy ⑭ .
- (7) Remove the two screws (Silver,No:42920406) ⑮ ,and remove the Board-GOH-11 ⑯ .

- (8) Remove the two screws (Silver) ⑰ ,and remove the Connector ⑱ .
- (9) Remove the two screws (Silver,No:42920406) ⑲ ,and remove the Cover-Front ⑳ .
- (10) Remove the the screw (Silver) ㉑ ,and remove the Plate ㉒ and the Switch ㉓ .



1.2.2 Pickup roller

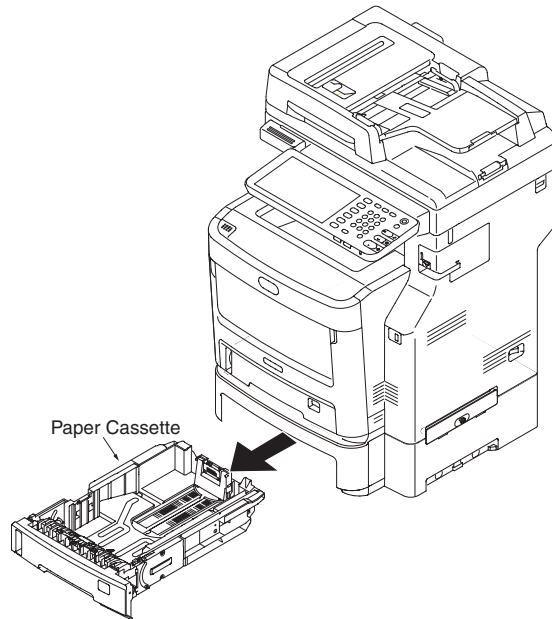
If the hopping jam occurs frequently, to change the pickup roller and separation roller.



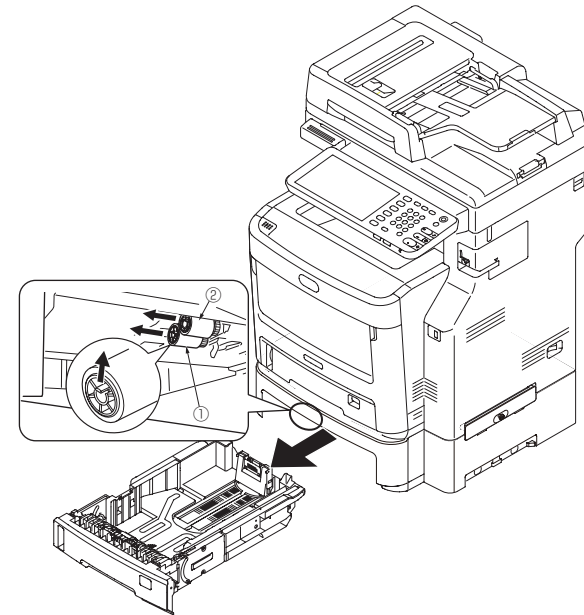
Model name : RS-C4B

Notes! • If change the roller, to change all rollers.

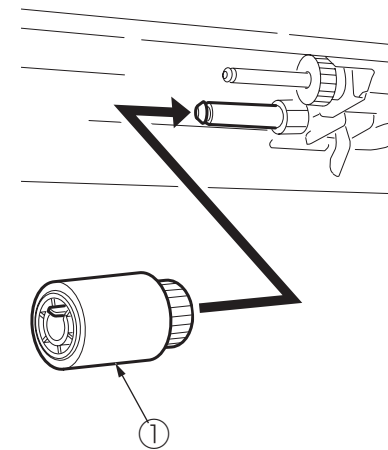
(1) Draw out the paper tray after the power off the printer.



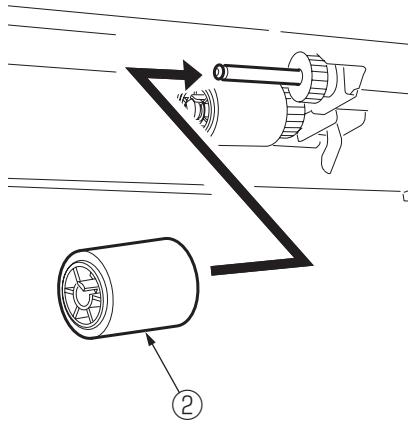
(2) Remove the latch and remove the roller ①, ②



(3) Put the new roller (with gear) ① to the shaft.

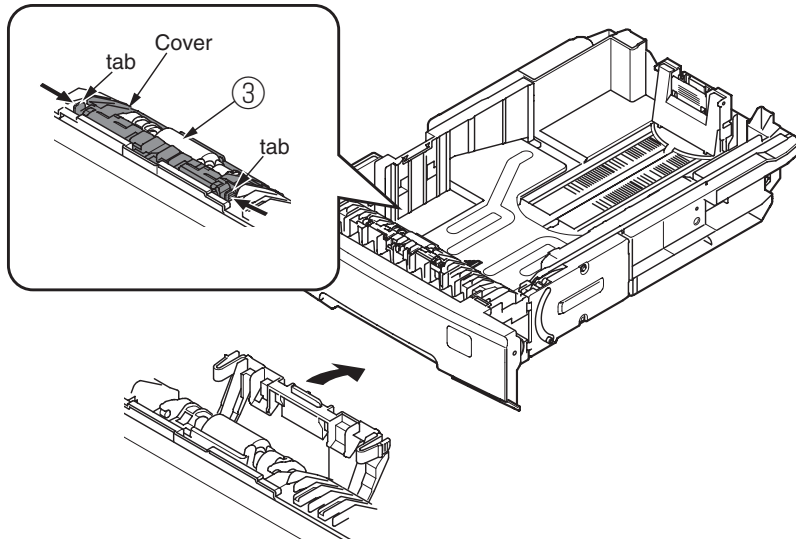


(4) Put the new roller (with gear) ② to the shaft.

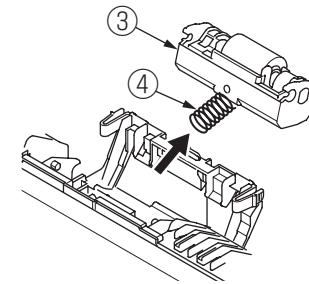


(5) Check the roller.

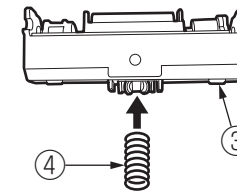
(6) Push the claws of cover and open the cover.



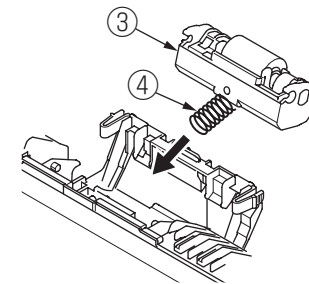
(7) Remove the Retard Roller ③ and spring ④.



(8) Assemble the spring ④ to the new Reatard Roller ③.

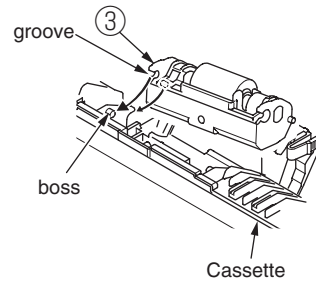


(9) Set the spring ④ of the Reatard Roller ③ to the mark of the cassette.

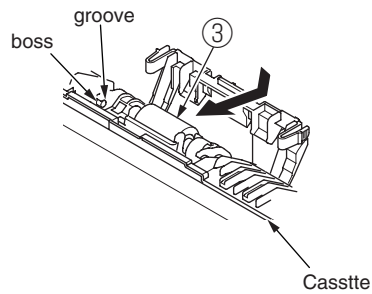


(10)Set the position groove of Retard Roller ③ to boss of Cassette.

Notes! Don't assemble the groove and boss this procedure.

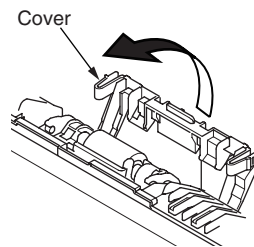


(11)Assemble the Retard Roller ③ to push the Retard Roller ③ to Cassette, and push up front side.

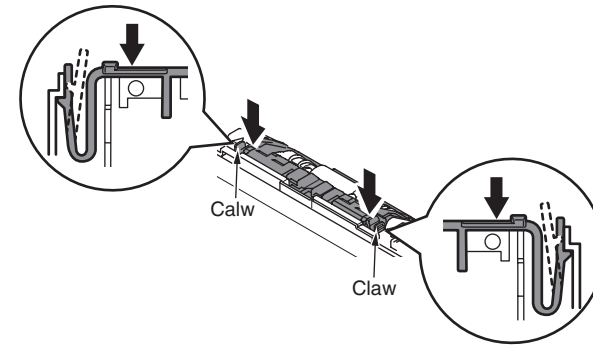


(12)Close the Cover.

Notes!To assemble again, if the cover cannot close.



(13)To push around the cover, and check the Retard Roller moving up and down.



(14)Return to the cassette to MFP.