

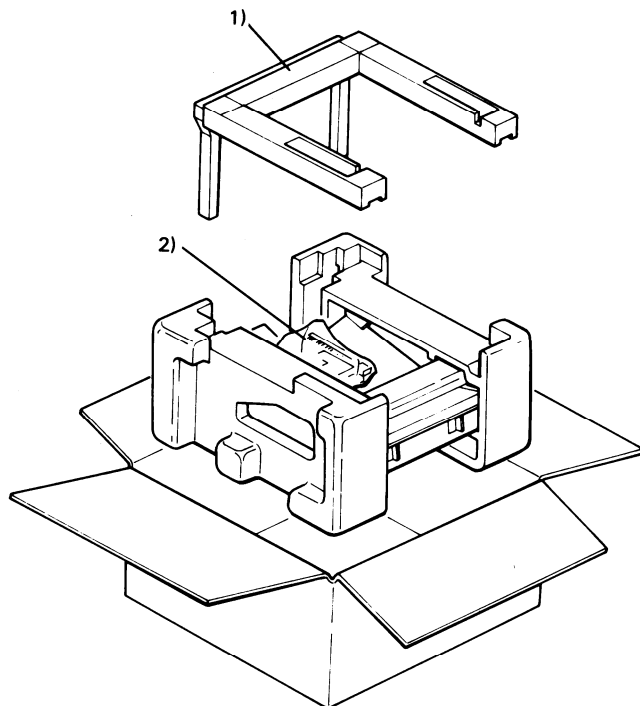
SORTER
CS1040

6-1. Unpacking Procedure

1. Open the shipping box.
2. Take out the mounting base; then, take out the sorter together with the cushion blocks.
3. Take off the cushion blocks and take the sorter out of the plastic bag.

1) Mounting Base

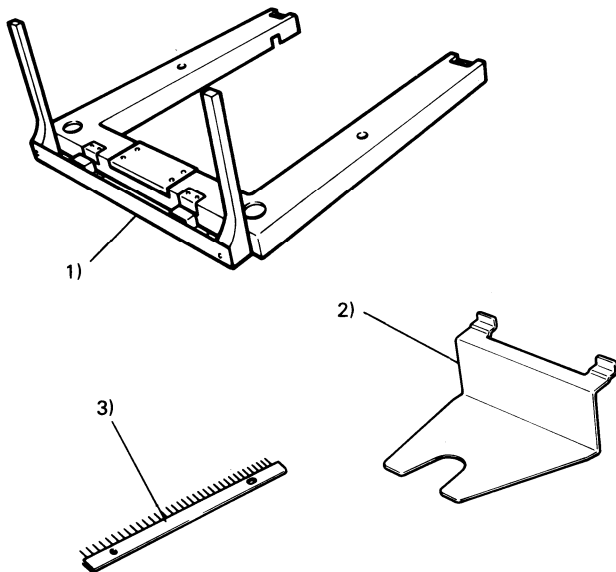
2) Accessories



6-2. Accessory Check

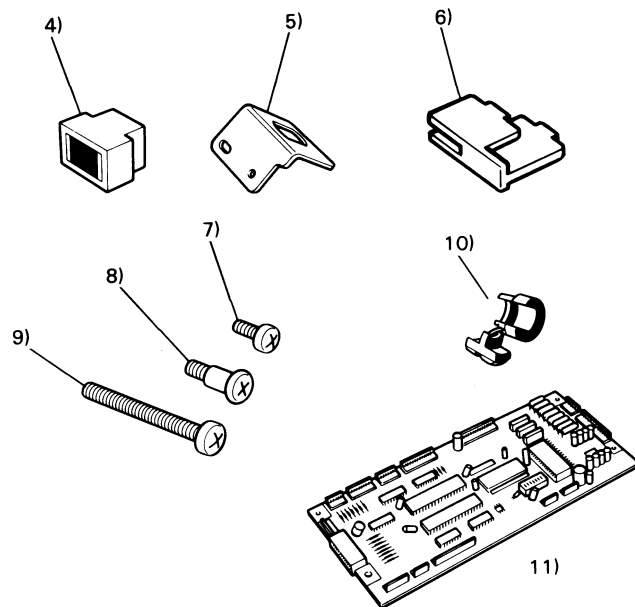
Check the quantity and condition of the accessories in the box according to the New Equipment Condition Report.

- | | |
|---------------------------|--------------------------|
| 1. Mounting Base | 1pc |
| 2. Proof Tray | 1pc |
| 3. Antistatic Brush | 1 pc |
| 4. Magnet | 1pc |
| 5. Harness Bracket | 1 pc |
| 6. Mounting Lock | 2pcs |
| 7. Short Screw | 3 pcs |
| | (Incl.1 Grounding Screw) |
| 8. Stepped Screw | 1pc |
| 9. Long Screw | 2pcs |
| | (Not used) |
| 10. Bushing | 1pc |



NOTE: To install the sorter on the FT2050 a sorter compatible main board must be obtained. These are available as options.

11) Interface Board Type C



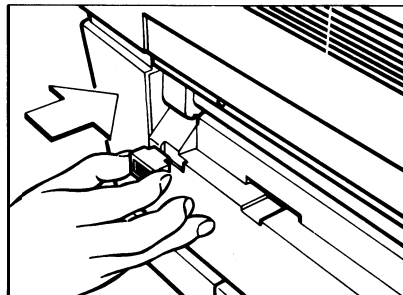
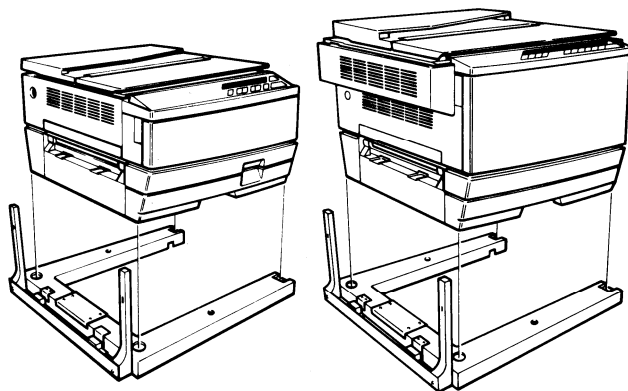
6-3. Installation procedure

1. Install the copier on the mounting base.

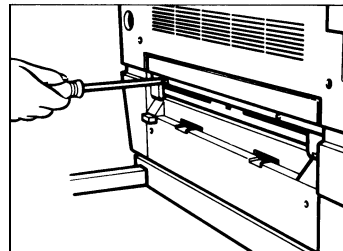
NOTE: Make sure that the legs rest securely in the cutouts of the mounting base.

2. Install the magnet on the left cover as shown.

NOTE: Place the magnet in the bottom right-hand corner of the cutout.

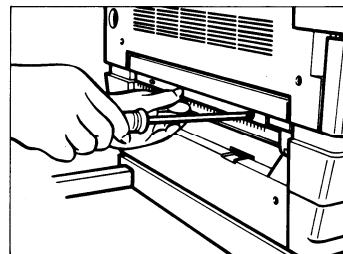


3. Remove the two screws on the exit cover.

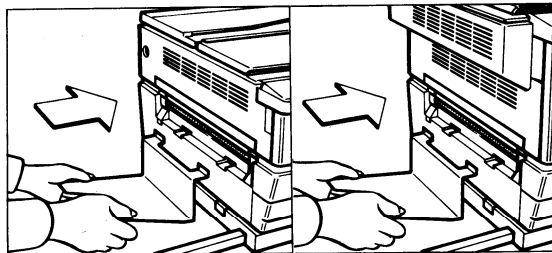


4. Install the antistatic brush.

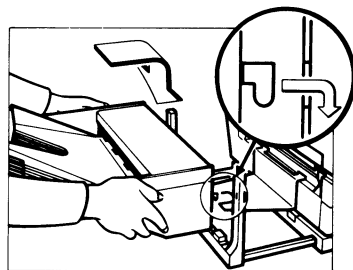
NOTE: Use a screw from step 3 in the left side and the accessory stepped screw in the right side.



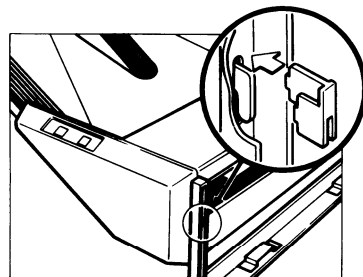
5. Install the proof tray where the copy tray normally fits.



6. Insert the sorter hooks into the vertical posts of the mounting base.

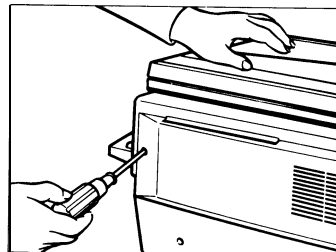


7. Secure the sorter hooks by installing the mounting locks.

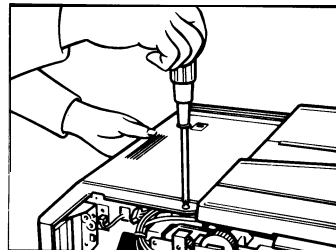


Separate procedures are needed to install the sorter on the FT2050 and the FT2070. Follow the procedure from step 8 when installing the sorter on the FT2050. Proceed to step 21 when installing the sorter on the FT2070.

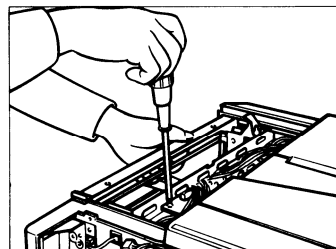
8. Remove the rear cover (2 screws)



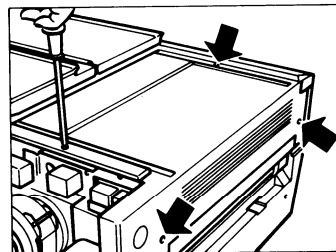
9. Move the slider to the left by pressing the slider lock release lever. Then, lower the



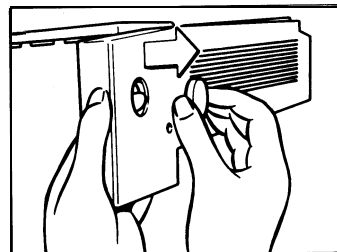
10. Replace the main board with the sorter compatible main board (3 screws and 8 connectors).



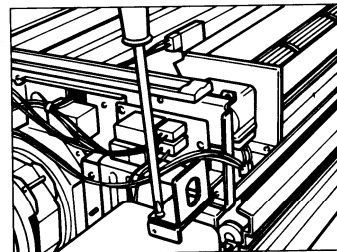
11. Remove the upper left cover (4 screws).



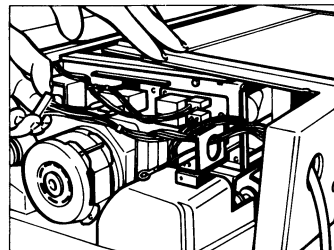
12. Remove the plastic cap from the docking hole of the upper left cover.



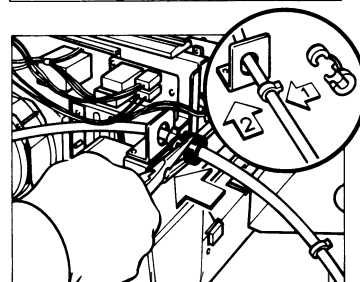
13. Install the harness bracket (2 screws).



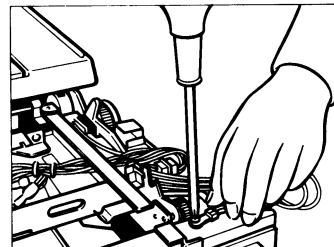
14. Thread the sorter harness through the docking hole and the harness bracket.



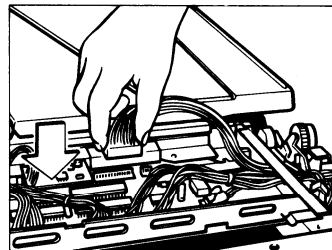
15. The sorter harness has two harness bands used as markers. Place the bushing on the sorter harness just behind the first harness band from the connector. Secure the bushing in the harness bracket.



16. Secure both ground wires to the rear cover bracket(1screw).

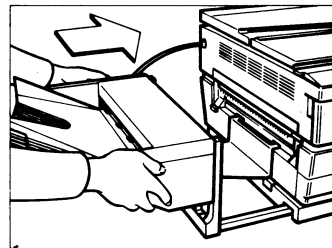


17. Couple the connector to CN114 on the main board.



18. Reassemble the copier.

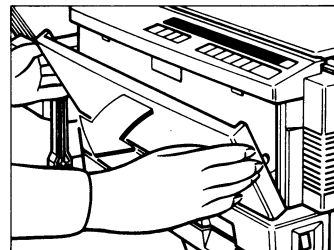
19. Slide the sorter to its normal position.



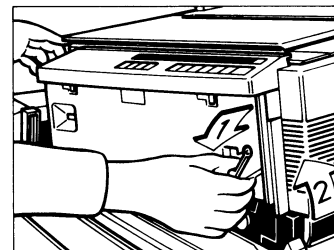
20. Check the operation in all modes.

This completes the sorter installation on the
FT2050

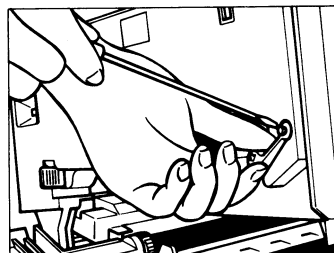
21. Open the front cover.



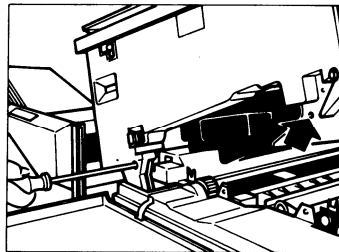
22. Move the slider to the center and push down the release lever to open the top unit.



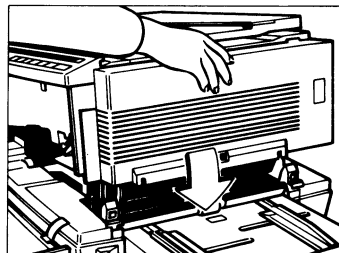
23. Remove the release lever (1 E-ring).



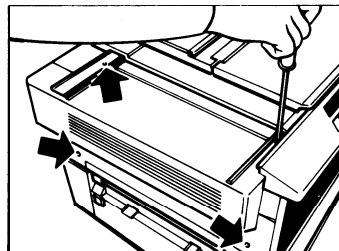
24. Remove the inner cover (2 screws).



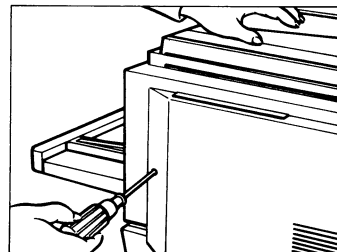
25. Lower the top unit.



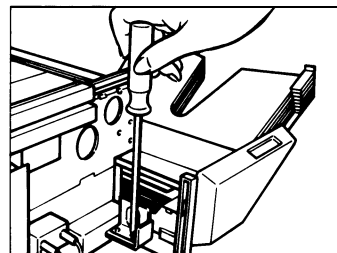
26. Move the slider fully to the right, then remove the upper left cover (4 screws).



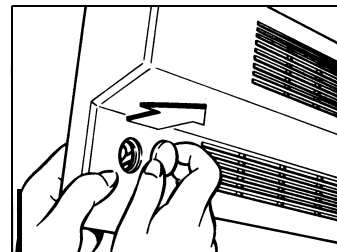
27. Remove the rear cover (2 screws).



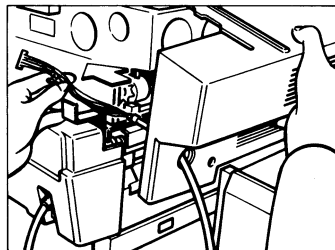
28. Install the harness bracket (2 screws).



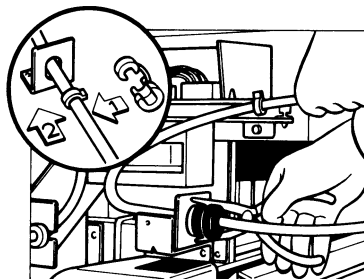
29. Remove the plastic cap from the docking hole of the upper left cover.



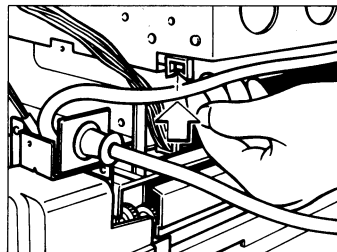
30. Thread the sorter harness through the docking hole and the harness bracket.



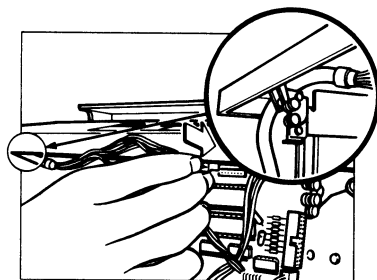
31. The sorter harness has two harness bands used as markers. Place the bushing on the sorter harness just behind the second harness band from the connector. Secure the bushing in the harness bracket.



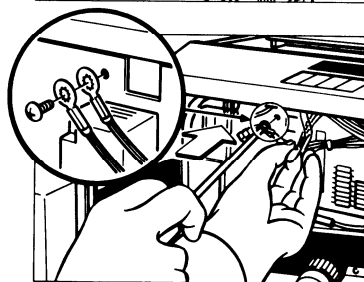
32. Secure the sorter harness into the three wire saddles which are mounted on the left underside of the optics unit.



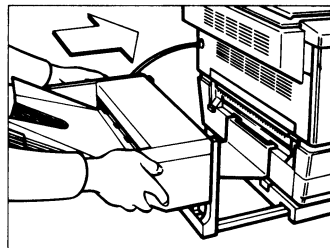
33. Run the sorter harness above the total counter bracket, and couple the connector to CN114 on the main board.



34. Secure the ground wire to the front machine plate.



35. Reassemble the copier.
36. Slide the sorter to its normal position.
37. Check the operation in all modes.
This completes the sorter installation on the FT2070.

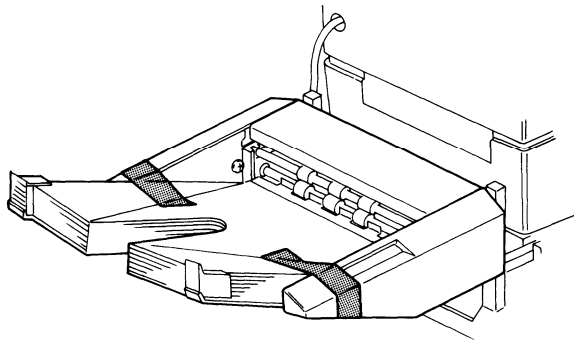


6-4. Preparation for Transporting the Sorter

Before moving the sorter from its place of installation, be sure to prepare it for transportation as follows. The sorter may be badly damaged if it is moved without proper preparation.

1. If the bins are not at the home position, turn on the main switch of the copier to move the bins to the home position.
2. Secure the bins with strips of tape as shown to the right.
3. Remove the sorter from the copier. (Refer to the "installation Procedure (Sorter)" Section.)

CAUTION: * When removing and transporting the sorter, be careful not to incline it to prevent the bins from being dislocated.



6-5. Roller Drive Belt Replacement

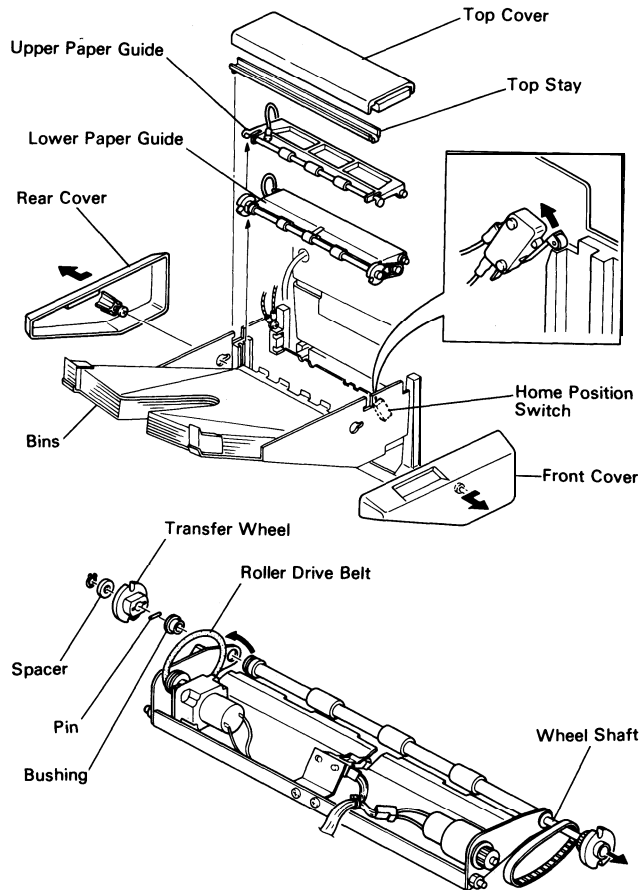
1. Loosen the screws, slide the front and rear covers toward exit end of the sorter, and then remove them.
2. Remove the top cover.
3. Remove the top stay.

NOTE: * Be sure that the short edge of the top stay is facing the exit side of the sorter when re-installing.

4. Lift the upper paper guide up and out of position.

NOTE: * Be careful not to damage the home position switch actuator when reassembling.

5. Lift the lower paper guide out of position and turn it over to remove the roller drive belt.
6. Remove the transfer wheel, spacer, pin and bushing (1 C-ring).
7. Slide the wheel shaft towards the front and remove the roller drive belt.

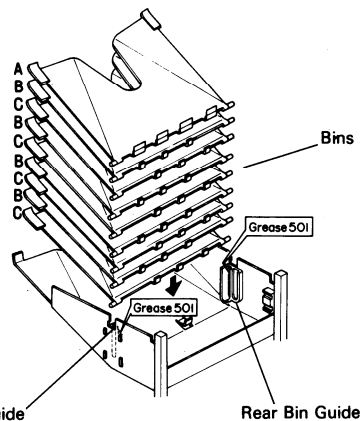
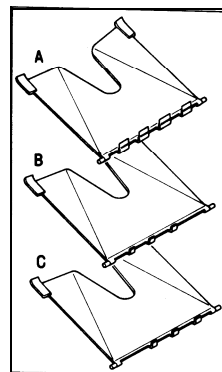
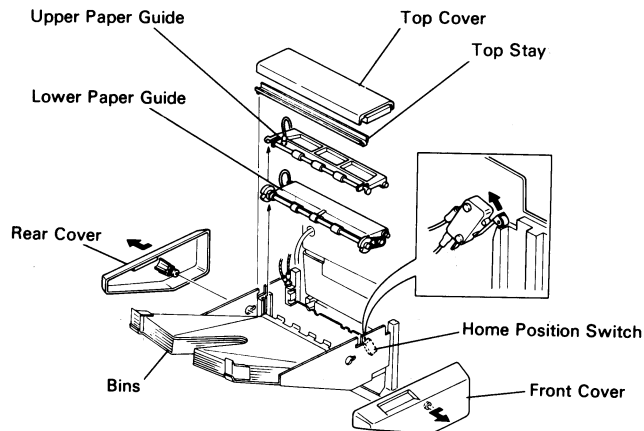


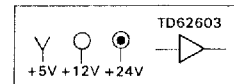
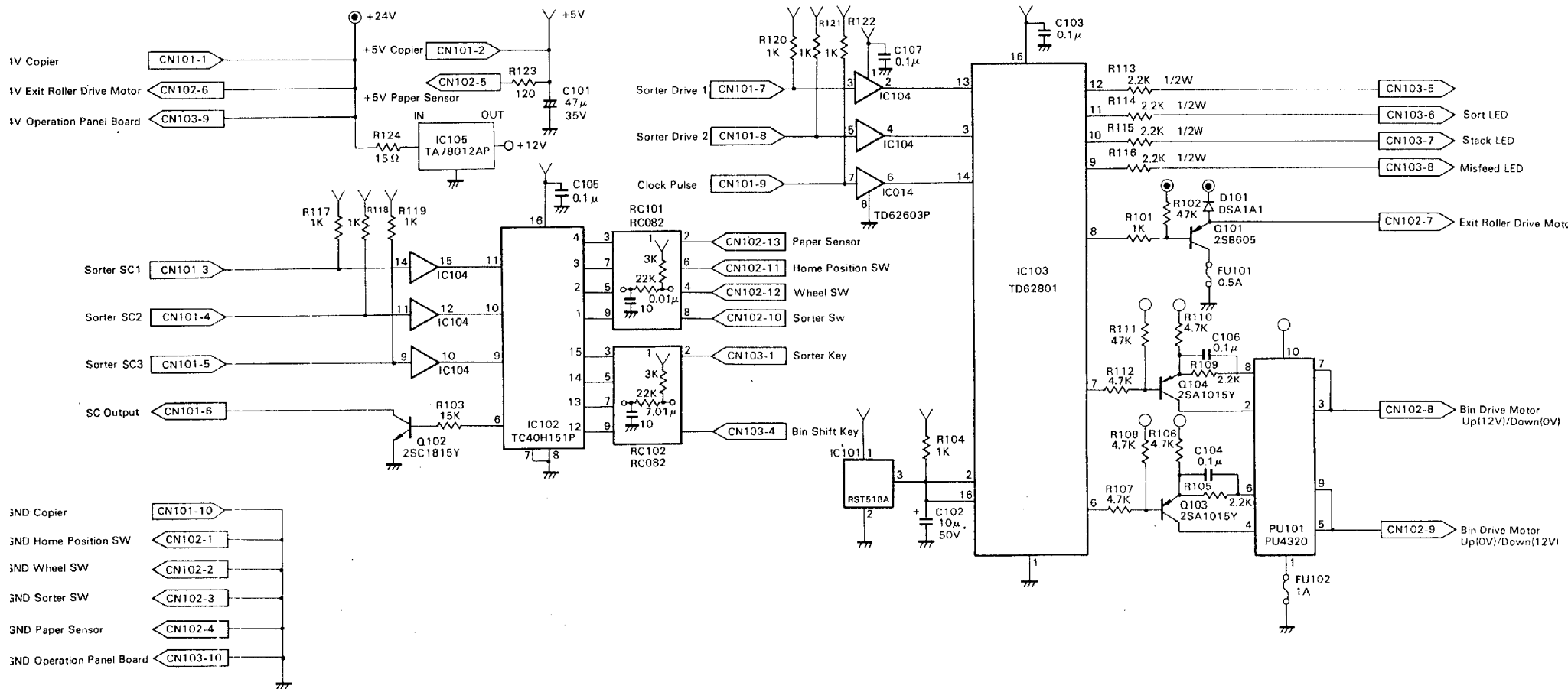
6-6. Bin Guide Lubrication

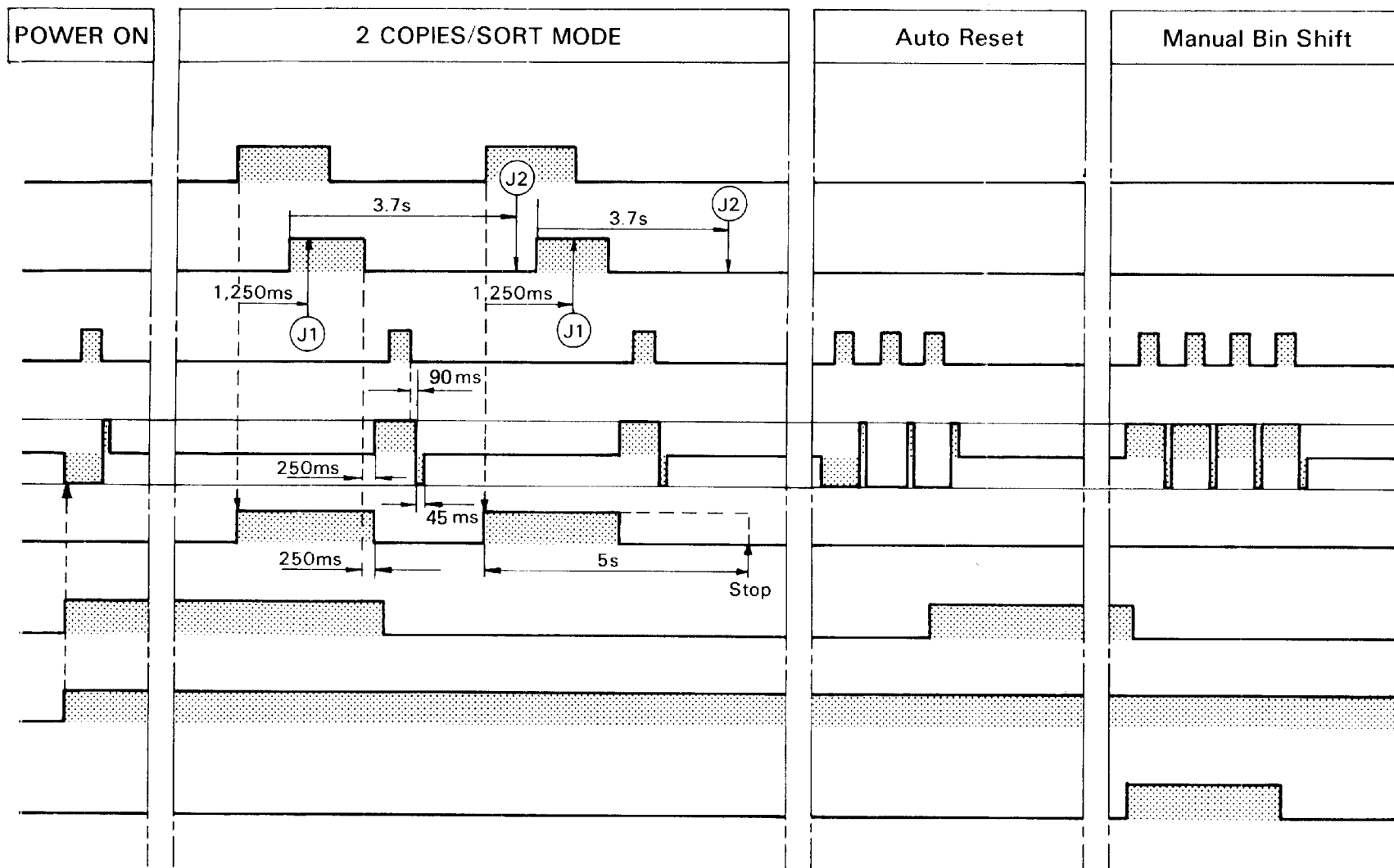
1. Remove the lower paper guide. (See "Roller Drive Belt Replacement" section.)
2. Remove all bins from the bin guides.
3. Apply Grease 501 to the grooves of the bin guides.

NOTE: * These are three-kinds of bin.

Therefore, when installing the bins, be sure that the bins are installed in the correct order.







JAM CHECK
 J1 : Paper Sensor ON Check
 J2 : Paper Sensor OFF Check