

**Paper Tray Unit
Machine Code: B421
SERVICE MANUAL**

January, 2009
Subject to change

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1. Replacement and Adjustment

Paper Tray Unit

1

Paper Tray Unit

If optional tray heater is not installed

1. Lift copier off of the paper tray unit.

If optional tray heater is installed

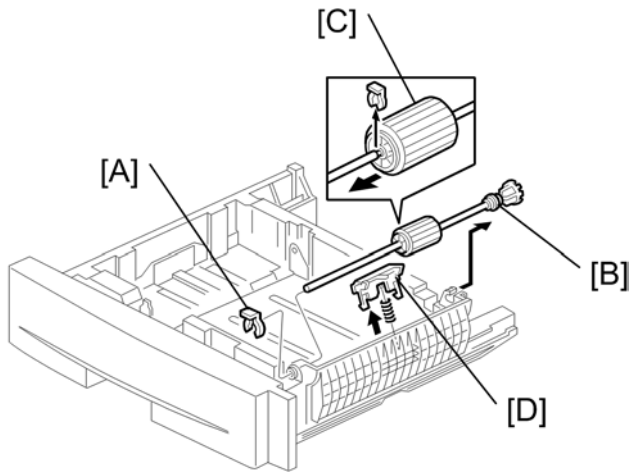
1. Refer to section "Paper Tray Unit Heater" in the installation on the Field Service Manual, and carry out the following steps of that procedure in this order:
 - Step 2 (remove both paper trays)
 - Step 7 (remove copy tray)
 - Step 8 to 11 (remove rear cover)
 - Step 12 (remove upper left cover)
 - Step 13 (remove controller box)
 - Step 14 (remove support bracket)
2. Refer to section "Paper Tray Unit Heater" in the installation on the Field Service Manual, and do following:
 - Unscrew the ground line.
 - Unclamp the heater harness clamps.
 - Disconnect the heater harness clamps.
 - Unwrap and remove the core.
3. Pull the relay harness down and out through the hole in the PSU bracket, and then pull it all the way in through the hole at the rear of the (main) paper tray unit.
4. Remove the three screws fastening the paper tray unit to the copier (☛ "Paper Tray Unit Heater" step 4 in the installation on the Field Service Manual).
5. Lift the copier off the paper tray unit.

⬇ Note

- To reinstall, refer to the procedure in section "Paper Tray Unit Heater" in the installation on the Field Service Manual. Carry out most of that procedure, starting from step 5 and omitting unnecessary steps.

Feed Roller and Friction Pad

1. Take the tray out of the paper tray unit.

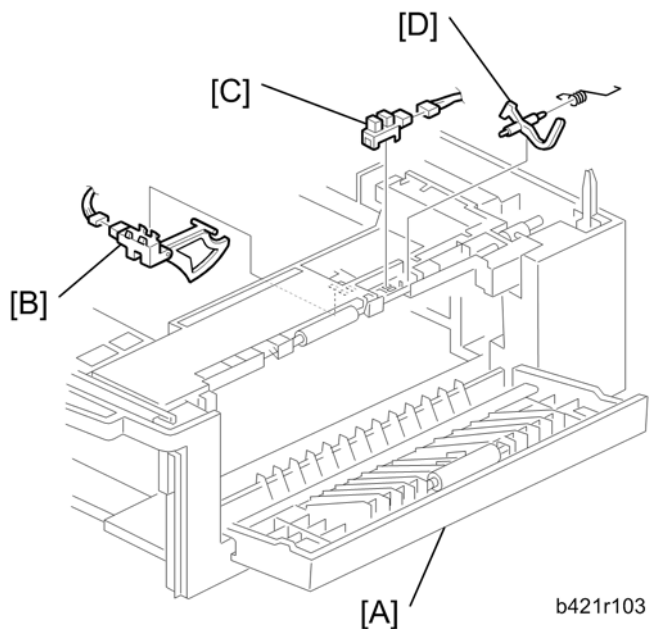


b421r101

2. Clip ring [A]
3. Shaft assembly [B]
4. feed roller [C] (4 x 1)
5. Friction pad [D]

Sensors

1. Remove the paper tray unit from the copier (● Paper Tray Unit).



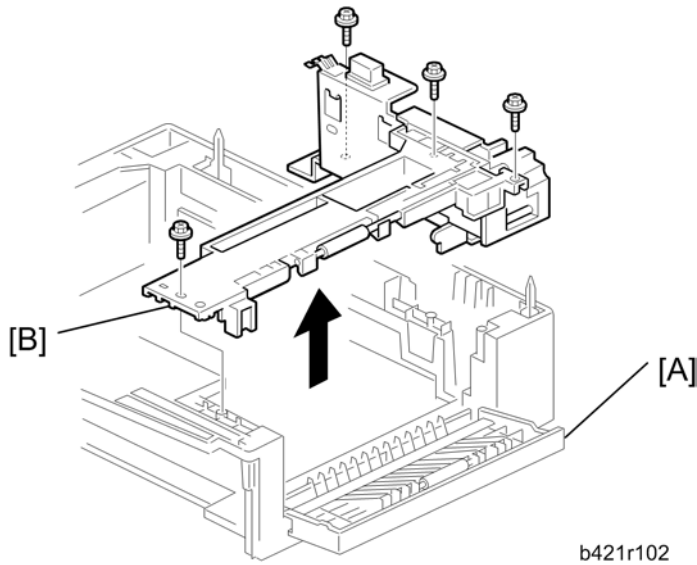
2. Open the PTU's right door [A].
3. Paper end sensor [B] (● x 1)
4. Paper feed sensor [C] (feeler [D] x 1, ● x 1)

Drive

1

Drive Block

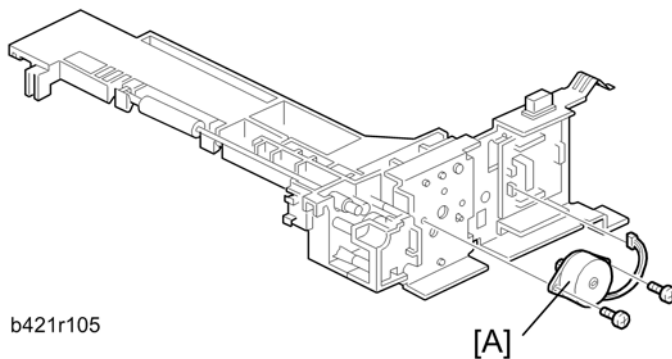
1. Remove the paper tray unit from the copier (☛ Paper Tray Unit).



2. Open the paper tray unit's right door [A].
3. Drive block [B] (☛ x 4)

Paper Feed Motor

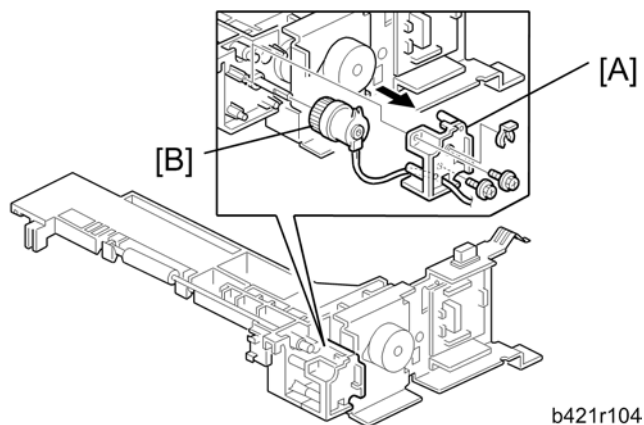
1. Drive block (☛ Drive Block)



2. Paper feed motor [A] (☛ x 1)

Paper Feed Clutch

1. Drive block (Drive Block)

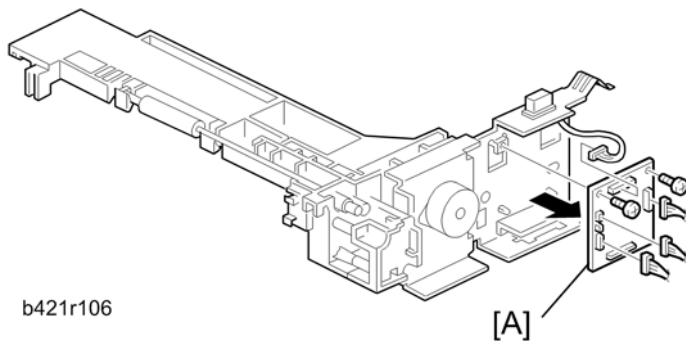


2. Detach the clutch cover [A] (x 1, x 2)
3. Paper feed clutch [B] (x 1)

Note

- Detach the connector from the board side, not the clutch side.

Tray Main Board



1. Tray main board [A] (x 2, all connectors)

