



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for KONICA MINOLTA EP1054. You'll find the answers to all your questions on the KONICA MINOLTA EP1054 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual KONICA MINOLTA EP1054**  
**User guide KONICA MINOLTA EP1054**  
**Operating instructions KONICA MINOLTA EP1054**  
**Instructions for use KONICA MINOLTA EP1054**  
**Instruction manual KONICA MINOLTA EP1054**

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**Manual abstract:**

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*.... 8-6 8.2 EP1054 Using the Copier Properly To ensure the optimum performance of the copier, follow the precautions listed below. Never place a heavy object on the copier. Never subject the copier to shocks. Never open doors or turn the copier off while he is making copies. Never bring any magnetized object near the copier.*

*Never use flammable sprays, liquids or gases near the copier. Never modify the copier, as a fire or electrical shock could result. Never remove any panel or cover which is secured. The copier contains high voltage components which can cause electrical shock. Never tamper with the laser mechanism in laser-equipped models, as blindness or other injury may result. Never drop paper clips, staples or other small pieces of metal through the vents or other openings in the copier, as a fire or electrical shock can result. Never place containers of liquid on the copier. If liquids get inside the copier, they can cause fire or electrical shock. If a piece of metal or any liquid gets inside the copier, immediately turn the copier off, unplug the power cord and call your technical representative. A fire or electrical shock can result if the copier remains plugged in or is operated after metal or liquid gets inside.*

*Never leave the copier running if it becomes unusually hot, or if smoke or an unusual odor or noise is detected. Should any of these conditions occur, immediately turn the copier off, unplug the power cord and call your technical representative. A fire or electrical shock can result if the copier remains plugged in under any of these conditions. Always insert the power plug all the way into the outlet. Always make sure that the outlet is visible, clear of the copier or copier cabinet.*

*Always provide good ventilation when making a large number of continuous copies. Never pull on the power cord, and always hold the plug when unplugging the power cord. A damaged cord could result in a fire. The manual, keep it for ready reference. Please use this manual as a quick and handy reference tool for immediately clarifying any questions which may arise. CE Marking (Declaration of Conformity) We declare under our sole responsibility that this copier and options to which this declaration relates is in conformity with the specifications below.*

*This declaration is valid. Requirements To ensure easy copier operation, supply replacement and service maintenance, adhere to the recommended space requirements detailed below. NOTE: Be sure to allow a clearance of 150mm. or more at the back of the copier as there is a ventilation duct. Copier 1,250 253 655 841 469 448 1,085 637 387 Scale: mm 1-2 372 EP1054 Safety Notes 1 1.2 Precautions for Use Operating Environment The operating environmental requirements of the copier are as follows. Temperature: Humidity: 10°C to 30°C (50°F to 86°F) with a fluctuation of 10°C (50°F) per hour 15% to 85% with a fluctuation of 20% per hour Using the Copier Properly To ensure the optimum performance of the copier, follow the precautions listed below. NEVER place a heavy object on the copier or subject the copier to shocks. NEVER open any doors, or turn OFF the copier while the copier is making copies. NEVER bring any magnetized object or use flammable sprays near the copier. NEVER place a vase or vessel containing water on the copier.*

*NEVER drop paper clips, staples, or other small pieces of metal into the copier.*

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NEVER attempt to remove any Cover that is secured. NEVER remodel the copier, as a fire or electrical shock could result. ALWAYS insert the power plug all the way into the outlet. ALWAYS make sure that the outlet is visible, clear of the copier or copier cabinet. ALWAYS ensure that the copier does not ride on the power cord or communications cable of other electrical equipment, and it does not get such a cord or cable wedged into its own mechanism. NEVER leave damage or cracks evident on the copier power cord unattended. If you find any of these conditions, immediately shut down the copier, unplug the power cord, and call your Technical Representative for appropriate action. ALWAYS provide good ventilation when making a large number of continuous copies. NEVER keep the copier running when it becomes inordinately hot or produces abnormal noise.

If that happens, immediately turn OFF the copier, unplug it, and then call your Technical Representative. EP1054 1-3 1 Safety Notes NOTE Locate the Copier in a Well Ventilated Room à A negligible amount of ozone is generated during normal operation of this copier. An unpleasant odor may, however, be created in poorly ventilated rooms during extensive copier operations. For a comfortable, healthy, and safe operating environment, it is recommended that the room be well ventilated. Placer le copieur dans une pièce largement ventilée à Une quantité d'ozone négligeable est dégagée pendant le fonctionnement du copieur quand celui-ci est utilisé normalement.

Cependant, une odeur désagréable peut être ressentie dans les pièces dont l'aération est insuffisante et lorsque une utilisation prolongée du copieur est effectuée. Pour avoir la certitude de travailler dans un environnement réunissant des conditions de confort, santé et de sécurité, il est préférable de bien aérer la pièce ou se trouve le copieur. Care of Copier Supplies Use the following precautions when handling the copier supplies (toner, paper, etc.). Store the paper, toner, and other supplies in a place free from direct sunlight and away from any heating apparatus.

Keep them in a dry, clean environment. Store paper, which has been removed from its wrapper but not loaded into the drawer, in a sealed plastic bag in a cool, dark place. Use the correct toner for the exclusive use by the copier. The applicable copier model name is indicated on the Toner Bottle. Keep supplies out of the reach of children. If your hands become soiled with toner, wash them with soap and water immediately. Moving If you need to transport the copier over a long distance, consult your Technical Representative. 1-4 EP1054 Safety Notes Legal Restrictions on Copying 1 Certain types of documents must never be copied by the copier for the purpose or with the intent to pass copies of such documents off as the original. The following is not a complete list but is meant to be used as a guide to responsible copying. Financial Instruments Personal Checks Travelers Checks Money Orders Certificates of Deposit Bonds or other Certificates of Indebtedness Stock Certificates Legal Documents Food Stamps Postage Stamps (canceled or uncanceled) Checks or Drafts drawn by Government Agencies Internal Revenue Stamps (canceled or uncanceled) Passports Immigration Papers Motor Vehicle Licenses and Titles House and Property Titles and Deeds General Identification Cards, Badges, or Insignias Copyrighted Works without permission of the copyright owner In addition, it is prohibited under any circumstances to copy domestic or foreign currencies or Works of Art without permission of the copyright owner.

When in doubt about the nature of a document, consult with legal counsel. EP1054 1-5 1 Safety Notes 1-6 EP1054 Getting to Know Your Copier 2 2 2.1 Getting to Know Your Copier System Overview Multi Bypass Tray MB-4 <Option> Holds up to 50 sheets of standard paper which is not loaded in any of the Drawers, allowing to make copies on them, see page 3-14. EP1085 EP1054 The Paper Drawer can hold up to 250 sheets of copy paper. The Manual Bypass Tray allows you to make a copy on paper which is not loaded in the Drawer and which is fed into the copier manually via this Tray. EP1054 2-1 2 2.2 Copier Parts and Accessories Outside Copier Getting to Know Your Copier 1 2 3 4 5 10 9 8 7 6 Pcs. 1 2 Specification Control Panel Original Cover Description Use to start a copy cycle or to make copying-job settings, see page 2-6. Holds the original placed on the Original Glass in position. To place an original, raise the Cover and place it in position on the Original Glass, see page 3-4 Use to turn the copier ON and OFF, see page 2-11.

Use for manual feeding of paper into the copier, see page 3-13. Open to clear a paper misfeed, see page 5-7. Shows the total number of copies made so far.

Open to: Replace the Toner Bottle, see page 5-2. Clear a paper misfeed, see page 5-7.

Clean the Corona Units, see page 8-4. Closing the Front Door after a misfeed has been cleared will turn the Misfeed Indicator on the control panel OFF.

Holds up to 250 sheets of paper. The Edge Guide and Trailing Edge Stop are movable, allowing you to load paper of different sizes, see page 5-4. Holds copies fed out of the copier.

Slide this out when making copies on large-size paper. 3 4 5 6 7 Power Switch Manual Bypass Tray Right Door Total Counter Front Door 8 Paper Drawer 9 10 Exit Tray Copy Tray Extender 2-2 EP1054 Getting to Know Your Copier Inside Copier 2 2 1 3 7 6 5 4 Pcs. 1 2 3 4 Specification Original Width/Length Scale Original Pad Original Glass Corona Unit Cleaning Lever (Upper/Lower) Lock Release Lever Toner Bottle Toner Bottle Holder Description Place the original along these Scales for correct positioning, see page 3-4. Holds the original in position on the Original Glass. Place the original face down on this

Glass, see page 3-4. Operate the Lever to clean the corresponding Corona Unit if unwanted lines are produced on the copy, see page 8-4. Turn counterclockwise to swing up the Upper Half of the copier to clear a paper misfeed, see page 5-7. Contains toner. Replace it with a new one when the Add Toner Indicator lights up, see page 5-2. Swing open to replace the Toner Bottle, see page 5-2.

5 6 7 EP1054 2-3 2 8 Getting to Know Your Copier 9 13 10 11 12 Pcs. 8 Specification Upper Half of Copier Description The copier main body can be divided into two parts, the upper and lower. The Upper Half can be swung upward, see page 5-7. Converts the original image to the copy image. Operate when replacing the Imaging Unit, see page 5-13. Turn ON to prevent condensation from forming on the PC Drum when power is turned OFF. (For Technical Representative only) Hold onto this Handle when lifting the Upper Half of the Fusing Unit, see page 5-7.



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Fuses the toner image onto the paper. 9 10 11 Imaging Unit Imaging Unit Lock Release Lever Dehumidifier Switch 12 13 Fusing Unit Handle Fusing Unit 2-4 EP1054 Getting to Know Your Copier Multi Bypass Tray MB-4 2 1 3 2 Pcs. 1 2 3 Specification Paper Guide Plate Multi Bypass Tray Multi Bypass Tray Extender Description Slide as necessary to the size of the copy paper, see page 3-14.

Load your paper on this Tray. It allows you to make copies continuously on paper fed from this Tray, see page 3-14. Slide this out to use large-size copy paper, see page 3-14. EP1054 2-5 2 2.3 Control Panel Getting to Know Your Copier Control Panel Keys and Indicators 1 2 3 4 5 6 Meter Count Toner Drum Dehumidify Paper A3 A4 A4 A5 @ @ @ @ @ B4 @ FLS.

@ Inch 50%~200% 141% 115% 100% 81% 70% Book Auto Photo Lighter Darker Auto/Photo A 10 9 8 7 Pcs. 1 2 3 4 5 6 Specification Clip Tray Drum Dehumidify Key Auxiliary Toner Replenishing Key Meter Count Key Display Paper Select Key Description Use this tray to put the paper clips used with the documents. Press to remove condensation formed on the surface of the PC Drum, see page 4-4. Press when the image on the copy becomes too light, see page 4-3. Press to check for the current counts of four electronic counters of the copier, see page 4-2.

See the other pages in this manual, see page 2-8. Press to select the paper source, Drawer or Multi Bypass Tray (option), when the Multi Bypass Tray is mounted to the copier, see page 3-6. Press as necessary to make the exposure level higher in the Manual Exposure Mode, see page 3-10. Press to select the Auto Exposure, Manual Exposure or Photo Mode, see page 3-10. Press as necessary to make the exposure level lower in the Manual Exposure Mode, see page 3-10. Press as necessary to select the Book Copying Mode, see page 3-11. 7 8 9 10 Exposure Control Key ( ,Darker) Auto Exposure Mode Key Exposure Control Key ( ,Lighter) Book Key 2-6 EP1054 Getting to Know Your Copier 2 13 14 11 12 1 @ @ B4 @ FLS. @ Inch o o Darker oto 2 5 8 0 3 6 9 C % 50%~200% 141% A4 @ A3 115% B4 @ A3 100% @ @ @Full Size 81% B4 @ A4 70% A3 @ A4 100% 4 7 21 20 19 18 17 16 15 Pcs. 11 12 13 14 15 Specification Zoom Down Key Zoom Up Key Key Pad Energy Saver Key Panel Reset Key Description Press as necessary to make the zoom smaller in 1% increments, see page 3-8. Press as necessary to make the zoom larger in 1% increments, see page 3-8.

Use to enter the number of copies to be made and other numeric data. Press to set the copier into the Energy Saver Mode, see page 2-12. Press to set the copier into the initial mode, clearing all settings made previously on the control panel, see page 2-13. Holding down the Key for 3 seconds will initiate the User's Choice, see page 4-11. Press to clear the number of copies, zoom and other settings. Press to stop a multi-copy cycle. Press to start a copy cycle. Press to select a desired fixed enlargement ratio, see page 3-8. Press to select full size (100%), see page 3-8. Press to select a desired fixed reduction ratio, see page 3-8.

16 17 18 19 20 21 Clear Key Stop Key Start Key Enlargement Key Full Size Key Reduction Key EP1054 2-7 2 Display Getting to Know Your Copier Monitor Display Paper Information Display Zoom Ratio Indicator/ Multi Copy Display Meter Count Toner Drum Dehumidify Paper A3 A4 A4 A5 @ @ @ @ @ B4 @ FLS. @ Inch % 50%~200% 141% A4 @ A3 115% B4 @ A3 100% @ @ @Full Size 81% B4 @ A4 70% A3 @ A4 100% Book Auto Photo Lighter Darker Auto/Photo A Exposure Information Display Monitor Display Paper Source Indicator Shows the paper source which is currently selected for use, see page 3-6. Example: Shows that the Drawer is currently selected for use. Closure Failure Indicator The location of a Door left open is also indicated by a round marker, see page 5-6. Example: Indicates that the Front Door or Right Door is left open.

Misfeed Indicator Indicates that a paper misfeed has occurred. The location of the misfeed is also indicated by a round marker, see page 5-7. Example: Shows that a misfeed has occurred inside the copier. Call-Tech.-Rep.

Indicator Indicates that the copier has developed a malfunction. When a malfunction occurs, the corresponding malfunction code is shown across the Zoom Ratio Indicator and Multi-Copy Display, see page 5-10. 2-8 EP1054 Getting to Know Your Copier Add Toner Indicator Indicates that the Toner Bottle is running out of toner. Replace the Toner Bottle as soon as possible, see page 5-2. 1. U. Service Life Indicator Indicates that the Imaging Unit needs replacement. Replace the Imaging Unit, see page 5-11. 2 Paper Information Display Paper Size Indicators Show the size of paper currently loaded in the Drawer, see page 3-6. Paper A4 11420143DA Add Paper Indicator Lights up when the currently selected Drawer has run out of paper.

Add paper as necessary, see page 5-4. Paper Zoom Ratio Indicator / Multi-Copy Display Each shows the following data. Example Zoom ratio: 100% No. of copies: 1 Count of the Total Counter Example: 93,930 (copies) % % User's Choice code and setting value Example: Choice code: 14, Setting: 1 Malfunction code Example: Malfunction code C0F30 % % 11420025AA EP1054 2-9 2 Exposure Information Display Auto Exposure Indicator Indicates that the copier is now in the Auto Exposure Mode, see page 3-10. Getting to Know Your Copier Auto Photo Lighter Darker Auto/Photo Exposure Level Indicator Shows the exposure setting level in the Manual Exposure Mode, see page 3-10. The center LED is normally lit. Auto Photo Lighter Darker Auto/Photo Photo Mode Indicator Indicates that the copier is now in the Photo Mode, see page 3-10. Auto Photo Lighter Darker Auto/Photo 2-10 EP1054 Getting to Know Your Copier 2 2.4 Turning ON and OFF, and Resetting the Copier Turning ON and OFF Turning the Copier ON: Press the Power Switch to the "1" position. Turning the Copier OFF: Press the Power Switch to the "0".

.. " position. NOTE è The Auto Shut OFF function will automatically shut down the copier a given period of time after the last activity. The initial setting is 30 minutes.

Useful Tip The period of time can be changed by using the User's Choice, see page 4-10. When the Copier is Turned ON Blinking Orange Turns Green The Start Key blinks orange, indicating that the copier is now warming up. In about 30 sec., the Start key turns green. Now the copier is ready to make copies. EP1054 2-11 2 Minimizing the Warm-up Time Getting to Know Your Copier Instead of turning the copier OFF, it's a good idea to use the Energy Saver Mode. This mode will minimize the time for the copier to complete the warm-up cycle to about 20 sec. The Energy Saver Mode is automatically activated a given period of time after the copier has been used last.



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The initial is 15 min. Useful Tip The time for the copier to enter the Energy Saver Mode can be selected from 1 to 98 min., or for 240 min. by using User's Choice, see page 4-10. NOTE è The copier is shut down if the Auto Shut OFF function activates while the copier is in the Energy Saver Mode. Entering The Energy Saver Mode Press the Energy Saver Key on the control panel. All control panel Indicators go out, except that the Start Key and the Energy Saver Key which remain lit green.

Energy Saver Panel Reset 1142O093CA Leaving the Energy Saver Mode Press any Key on the control panel, for instance, the Start Key. This cancels the Energy Saver Mode, and the copier will be ready to make copies in about 20 seconds. 1139O2360A 2-12 EP1054 Getting to Know Your Copier Initial Mode and Panel Resetting Initial Mode 2 When the Power Switch is turned ON, the initial settings are indicated on the control panel. The initial settings serve as the reference for all control panel settings to be later made. Meter Count Toner Drum Dehumidify Paper A3 A4 A4 A5 @ @ @ @ @ B4 @ FLS. @ Inch % 50%~200% 141% A4 @ A3 115% B4 @ A3 100% @ @ @Full Size 81% B4 @ A4 70% A3 @ A4 100% Book Auto Photo Lighter Darker Auto/Photo A No. of copies to be made: 1 Zoom ratio: Full size (100%) Auto Exposure Mode Non-Sort Mode Useful Tip The initial settings can be changed by User's Choice. For details see page 4-6. Panel Resetting The Panel Reset Key resets all control panel settings to default settings including the number of copies to be made and zoom ratio. Panel Reset 1139O4782A Useful Tip The Panel Reset Key enables you to cancel all previous settings efficiently.

To avoid miscopy, try to press the Panel Reset Key before attempting to make any setting for your own job. EP1054 2-13 2 Auto Reset Function Getting to Know Your Copier If no Key on the control panel is pressed within about 60 seconds after a copy cycle has been completed or copying settings made, the Auto Reset Function is activated to cause the copier to return to the initial mode automatically. Useful Tip The Auto Reset Function can be enabled or disabled by User's Choice. @ @ @ @ @ YES: Go step 3 or step 7. @ @ @ @ @ @ @ @ @ Sheet Originals (Standard Size) 1 Raise the Original Cover.

@ @ @ @ @ Position the higher-numbered page on the Original Width Scale end. 3 NOTE è è Not positioning an open book properly will result in copies with pages in incorrect order. Do not place an original weighing more than 3kg on the Original Glass, as an image problem could result. EP1054 3-5 3 Making Copies Checking the Copy Paper Size and Selecting the Paper Source Meter Count Toner Drum Dehumidify Paper A3 A4 A4 A5 @ @ @ @ @ B4 @ FLS. @ Inch % 50%~200% 141% A4 @ A3 115% B4 @ A3 100% @ @ @Full Size 81% B4 @ A4 70% A3 @ A4 100% Book Auto Photo Lighter Darker Auto/Photo A When the copier is not equipped with the Multi Bypass Tray, it is necessary to check that the desired paper size is loaded into the Drawer.

If it is not loaded, make a copy using a Manual Bypass Tray or load the desired paper size into the Drawer. Manual Bypass Copying see page 3-13. Add Paper Indicator see page 5-4. When the copier is equipped with the Multi Bypass Tray, the paper source (paper size) can be selected, Drawer or Multi Bypass Tray. Selecting the Paper Source (Only when the Multi Bypass Tray is used) Each time the Paper Select Key is pressed, the Paper Source Indicators or Multi Bypass Indicator lights up alternately. @ @ LTR. @ @ @ @ Select the appropriate mode according to your needs. The selected zoom ratio is shown on the Zoom Ratio Indicator. @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ Select the appropriate mode according to your particular needs.

@ Types of Paper Plain paper (weighing 60g/m2 to 90g/m2) Thick paper (weighing 91g/m2 to 157g/m2) OHP transparencies, translucent paper Paper Size Width: 100mm to 297mm Length: 140mm to 432mm Capacity Plain paper, Thick paper, OHP transparencies, translucent paper .

.. 1 sheet at a time Capacity Multi Bypass Tray Plain paper: Approx. 50 sheets Plain paper (once-copied paper): Up to 20 sheets Thick paper, translucent paper: Approx. 20 sheets OHP transparencies: Up to 5 sheets IMPORTANT è When making multiple copies using OHP transparencies, set the Copy Tray into the upper position if there is no Sorter or Staple Sorter mounted. EP1054 3-13 3 Using the Manual Bypass Tray Making Copies 1 2 Place the original on the Original Glass and make the control panel settings. Insert the copy paper into the Manual Bypass Tray. This automatically starts the copy cycle. NOTES è è è Insert the copy paper one sheet at a time. Do not insert a sheet of paper while the copier is warming up or in a multi-copy cycle.

The Auto Size Mode and Book Copying Mode cannot be selected for manual bypass copying. Using the Multi Bypass Tray (Option) 1 2 Place the original on the Original Glass and make the control panel settings. Swing down the Multi Bypass Tray and slide the Paper Guide Plate to the size of the copy paper. NOTE è Pull out the Multi Bypass Tray Extender if you are using larger paper. 3-14 EP1054 Making Copies 3 3 Load a neat stack of copy paper on the Tray and insert it into the copier until it stops.

NOTES è è è The paper should be loaded no higher than the Å (Max. Level Indicator). Before inserting, fan the paper stack well if you are using OHP transparencies or translucent paper. Correct any curl if you are using thick paper. The paper will be copied on the side facing up. 4 5 Using the Key Pad, enter the number of copies to be made. Press the Start Key to start the copy cycle. 1139O2360A NOTES è è Do not insert the paper while the copier is in the warm-up cycle or a multi-copy cycle. The Auto Size and Book Copying Mode cannot be selected for manual bypass copying. EP1054 3-15 3 Making Copies 3-16 EP1054 Auxiliary Functions 4 4 4.1 Auxiliary Functions Checking the Total Number of Copies Mode This function allows you to check the total count of the two counters of the copier. Meter Count Toner Drum Dehumidify 1142O152CA Types of Counters Total Counter: Shows the total number of copies made since the installation of the copier. Size Counter: Shows the number of copies made on paper of a size preset by the Technical Representative. Counter Display Example: The count is 12,345 (copies). The Zoom Ratio Indicator shows the upper 3 digits of the count The Multi-Copy Display shows the lower 2 digits of the count 50%~200% EP1085 4-1 4 Using the Meter Count Function Auxiliary Functions 1 Press the Meter Count Key once.

The count of the Total Counter is shown across the Zoom Ratio Indicator and Multi-Copy Display. Meter Count Toner Drum Dehumidify 2 Press the Meter Count Key again.



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Warning Indicators Indicator Add Toner Indicator Copier State The copier has run out of toner. (Warning only and a copy cycle can still be initiated.) The paper has run out.

Action Replace the Toner Bottle following the steps given in the "Add Toner Indicator" section, see page 5-2. Add paper by following the steps given in the "Add Paper Indicator" section, see page 5-4. Check the Monitor Display for the location of the misfeed and clear the misfeed sheet of paper as instructed, see page 5-7. If the Call-Tech.-Rep.

Indicator remains lit even after you have reset it, call your Technical Representative, see page 5-10. Replace the Imaging Unit, see page 5-11. Add Paper Indicator Misfeed Indicator There is a misfeed sheet of paper inside the copier or an option. Call-Tech.Rep.

Indicator The copier has developed a technical malfunction. I.U. Service Life Indicator Indicates that the Imaging Unit needs replacement. EP1085 5-1 5 5.2 Add Toner Indicator The Add Toner Indicator lights up when toner in the Toner Bottle is running out. Once the Indicator lights up, replace the Toner Bottle with a new one as soon as possible by following the procedure given below. Replacing the Toner Bottle When an Indicator Lights Up Detailed Instructions for Indicator Lights 1 Open the Front Door. Swing open the Toner Bottle Holder and pull out the old Toner Bottle. 2 Tap the new Toner Bottle on a hard surface, such as a desk, several times.

Then, turn the Toner Bottle over and tap it several times again in the same manner. 3 Shake the new Toner Bottle well. 5-2 EP1085 When an Indicator Lights Up 5 4 With the Seal on the Toner Bottle facing up, slowly peel off the Seal as illustrated. NOTE è Be careful, some toner may puff out from the bottle. 5 Ensuring that the arrows ( ) on the Toner Bottle are facing you, insert the Bottle into position. NOTE è Insert the Bottle all the way into the copier until the marking on the Bottle is aligned with the on the Toner Bottle Holder. marking 6 Swing the Toner Bottle Holder closed and close the Front Door. NOTES è Try to replace the Toner Bottle with a new one as soon as possible once the Add Toner Indicator lights up. Continuing to make copies without changing the Toner Bottle will result in increasingly lighter images. è Use ONLY the specified toner for this copier.

Using any other toner could result in image trouble. Toner Replenisher Function Use the Toner Replenisher Function if the image is light immediately after replacing the Toner Bottle with a new one, see page 4-3. EP1085 5-3 5 Add Paper Indicator When the Drawer or the Multi Bypass Tray has run out of paper, the Add Paper Indicator lights up. At this time, you cannot start a new copy cycle Use the following procedure to load paper into the Drawer or the Multi Bypass Tray. Adding Paper (Drawer) When an Indicator Lights Up Paper 1 Slide out the Drawer and press down the Paper Lifting Plate. 2 Slide out the Edge Guides in the direction of the arrows. 3 Load the paper stack into the Drawer so that its front side faces down. Make sure that the paper stack rests under the two catches of the Drawer. NOTE è The paper should be loaded no higher than the Å (Max. Level Indicator) on the Edge Guide. 5-4 EP1085 When an Indicator Lights Up 5 4 Slide the Edge Guides tightly up against the paper. Gently slide the Drawer back in. NOTE è When loading Inch Size paper into the Drawer, flip the Marketing Area Switch located in the rear left corner of the Drawer to "Inch". Adding Paper (Multi Bypass Tray) The indications on the left show that the Multi Bypass Tray has run out of paper. Paper 1 Load the paper stack onto the Tray so that its front side faces up and insert it until it stops. NOTES è è The paper should be loaded no higher than Å (Max. Level Indicator). Before inserting, fan the paper stack well if you are using transparencies or translucent paper. Correct any curl if you are using thick paper. EP1085 5-5 5 Closure Failure Indicator The Closure Failure Indicator lights up if a copier door is left open, or an option is not attached properly.

The Monitor Display shows the location of the closure failure. At this time, you can no longer start a new copy cycle. Correct the closure failure by following the procedure given below. When an Indicator Lights Up Check that the Right Door or Front Door is closed. Monitor Display Check Location 5-6 EP1085 When an Indicator Lights Up Misfeed Indicator If a paper misfeed occurs during a copy cycle, that copy cycle stops. The Misfeed Indicator lights up and the Monitor Display shows the location. At this time, you cannot start a new copy cycle. Misfeed Clearing Procedure 5 NOTE è Be careful not to touch the areas marked with Caution: HOT with bare hands. è High Voltage and When the copier is equipped with a Multi Bypass Tray 1 Unload the paper stack from the Multi Bypass Tray. 2 Open the Front Door and turn the Lock Release Lever counterclockwise to unlock and swing up the Upper Half of the copier. 3 Holding up the Fusing Unit, pull out the sheet of paper. CAUTION: HOT è The Fusing Unit and its surrounding areas may be extremely hot. DO NOT touch any part except the Fusing Unit Handle (yellow). EP1085 5-7 5 4 Remove any sheet of paper from the Transport Section. When an Indicator Lights Up 5 Open the Right Door.

Then pull out the sheet of paper from the Manual Bypass Port. 6 7 Pull out the sheet of paper from the Paper Take-Up Section. Close the Right Door. 8 Gently swing down and lock the Upper Half of the copier. Then close the Front Door. 5-8 EP1085 When an Indicator Lights Up 5 9 Slide out the Drawer and unload the paper from the Drawer. Next, push down the Paper Lifting Plate until it is locked into position. 10 Fan the paper and reload it. NOTE è Make sure that the paper stack rests under the two catches of the Drawer. 11 Slide the Drawer back in. è When the copier is equipped with a Multi Bypass Tray> Fan the paper stack and place it back on the Tray. EP1085 5-9 5 Call-Tech.-Rep. Indicator When an Indicator Lights Up Meter Count Toner Drum Dehumidify Paper A3 A4 A4 A5 @ @ @ @ @ B4 @ FLS. @ Inch % 50%~200% 141% A4 @ A3 115% B4 @ A3 100% @ @ @ Full Size 81% B4 @ A4 70% A3 @ A4 100% Book Auto Photo Lighter Darker Auto/Photo A When a malfunction occurs in the copier, the Call-Tech.

-Rep. Indicator lights up and the corresponding malfunction code appears across the Zoom Ratio Indicator and Multi-Copy Display. At this time, you cannot start a new copy cycle. If this happens, try to clear the Call-Tech.-Rep. Indicator by following the instructions below.



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If the Call-Tech.-Rep. Indicator lights up again, call your Technical Representative immediately. Resetting the Call-Tech.-Rep. Indicator Open the Front Door, then close it. This will reset the Call-Tech.-Rep. Indicator.

NOTE è Carry out this procedure with the Power Switch turned ON. If the Call-Tech.-Rep. Indicator lights up again, call your Technical Representative immediately. NOTE è When calling your Technical Representative, give him or her the malfunction code shown across the Zoom Ratio Indicator and MultiCopy Display.

Example: This is the malfunction code C0010 50%~200% Example: Malfunction code C0010 1139O4960A 1139O4970A 5-10 EP1085 When an Indicator Lights Up I.U. Service Life Indicator Lights Up When the time is about to come when the Imaging Unit needs replacement, the I.U. Service Life Indicator starts blinking to prompt you to replace it with a new one. 1142O174CA 5 Replace the Imaging Unit by following the procedure given below. When 2,500 more copies are made with the Add Toner Indicator lighting up, or 7,500 more copies are made after the I.U. Service Life Indicator has started blinking, the I.U.

Service Life Indicator lights up steadily and the copier inhibits the initiation of a new copy cycle. See the diagram below. After 2,500 copies 1139O5330A Add Toner indicator lights Which occurs first 5,000 copies made Blinking No new copy cycle can be initiated Useful Tip Replace the Imaging Unit as soon as possible once the I.U. Service Life Indicator has started blinking. EP1085 5-11 5 Precautions for Handling Do not leave the I. U. in a bright place.

When an Indicator Lights Up Do not store the I. U. in a hot place of 40°C (104°F) or more. Do not store the I. U. in a humid place or subject to water splash. Do not store the I. U. upside down or tilted. Do not subject the I.

U. to vibration. 5-12 EP1085 When an Indicator Lights Up Removing the I. U. from the copier 5 1 Open the Front Door. Turn the Lock Release Lever counterclockwise to swing up the Upper Half of the copier. 2 Turn the I. U. Lock Release Lever and, while holding it down, pull the I. U.

halfway out of the copier. 3 Firmly grasp the I. U. with both hands and pull it all the way out of the copier. EP1085 5-13 5 Unpacking the I. U. When an Indicator Lights Up 1 2 Peel off the tape and open the Box. Starter Bottle Take the Starter Bottle and the I. U. in its bag out of the Box.

I. U. Setting up the I. U. 1 Take the I.

U. out of the bag. 2 Peel off the three pieces of tape and packing materials. 5-14 EP1085 When an Indicator Lights Up 5 3 Carefully pull the polyester tape from the I. U.

. 4 Remove the Cap from the I. U. and re-fit it to the used I. U. as shown in the illustration. 5 Align the I. U. with the rails in the copier. 6 Slide the I.

U. all the way into the copier. 7 Be sure to push the I. U. into the locked position until a click is heard. Then, check the position of the Lock Release Lever, as shown in the illustration. EP1085 5-15 5 When an Indicator Lights Up NOTE è An improperly installed I. U. could be a cause of copier malfunction. 8 Lower the Upper Half of the copier and push it into the locked position by pushing down on the portion marked with "Push Down Here Only".

Charging the Copier with Starter and Toner 1 Swing out the Bottle Holder. 2 Holding the Starter Bottle so that its tab is on the upper side, shake it well. NOTE è Make sure that "MT starter 104" is printed on the Starter Bottle. 5-16 EP1085 When an Indicator Lights Up 5 3 Peel off the tape from the Starter Bottle. 4 Align the markings on the Starter Bottle with the upper side of the Bottle Holder and slide the Bottle into position.

NOTE è Insert the Bottle all the way into the copier until the marking on the Bottle is aligned with the marking on the Bottle Holder. 5 Then, swing in the Bottle Holder until it locks into position. Close the Front Door. Plug the Power Cord into the wall outlet and turn ON the Power Switch. This will cause the wait indicator to be shown on the control panel.

6 EP1085 5-17 5 7 è When an Indicator Lights Up The copier automatically starts the charging cycle for approximately 5 minutes. During this cycle, do not open the Front Door. During this cycle, six segments of the ones digit LED on the Magnification Ratio Indicator forming a "0" light up and go out one after another, indicating that the copier is being charged with starter. When the copier has been completely charged with Starter, the indication on the Magnification Ratio Indicator changes to "100" and the cycle stops. 8 If "E1" or "E2" is indicated on the Magnification Ratio Indicator, the tape has not been removed from the Starter Bottle. Swing down the Front Door and remove the tape and perform the starter charging procedure again. If "E1" or "E2" is indicated again call your Technical Representative. 9 Swing down the Front Door, swing out the Bottle Holder and remove the Starter Bottle. 10 Tap the new Toner Bottle on a hard surface, such as a desk, several times. Then, turn the Toner Bottle over and tap it several times again in the same manner.

5-18 EP1085 When an Indicator Lights Up 5 11 Hold the Toner Bottle so that its tab is on the upper side, shake it well and peel off the tape. Once the tape has been removed, hold the Bottle so that its toner port faces up. 12 Align the markings on the Toner Bottle with the upper side of the Bottle Holder and slide the Bottle into position. NOTE è Insert the Bottle all the way into the copier until the marking on the Bottle is aligned with the marking on the Bottle Holder.

13 Then, swing in the Bottle Holder until it locks into position and close the Front Door. EP1085 5-19 5 When an Indicator Lights Up 5-20 EP1085 Troubleshooting 6 6 6.1 Troubleshooting When this Type of Copy is Produced Symptom The image is too light. Possible Cause The exposure level for the Auto Exposure Mode is set at one of the "Light" levels. Action Change the setting in the User's Choice Mode U-13 (Default Auto Exposure Level), see page 4-7. Cancel the Auto Exposure Mode and select the Manual Exposure Mode to adjust the exposure level and obtain a darker image, see page 3-10.

Press the Exposure Control Key (Darker) as necessary to obtain a darker image, see page 3-10. The copier needs more toner. Press the Auxiliary Toner Replenishing Key as many times as required to obtain the desired image density, see page 4-3. The copier needs more toner. Press the Auxiliary Toner Replenishing Key as many times as required to obtain the desired image density, see page 4-3.

Replace the Toner Bottle with a new one, see page 5-2. The manual exposure level is set on the lighter side.



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*You have been making copies from a photo or an original with a large dark area. The Toner Bottle has just been replaced. The Add Toner Indicator on the Monitor Display is lit up.*

*Add Toner Indicator The paper is damp. The image is too dark. The exposure level for the Auto Exposure Mode is set at one of the "Dark" levels. Replace the paper, see page 5-4. Change the setting in the User's Choice Mode U-13 (Default Auto Exposure Level), see page 4-7. Cancel the Auto Exposure Mode and select the Manual Exposure Mode to adjust the exposure level and obtain a lighter image, see page 3-10. Press the Exposure Control Key (Lighter) as necessary to obtain a lighter image, see page 3-10. Wipe the Original Glass clean with a soft dry cloth, see page 8-3. Place the original in position so that it is held tightly against the Original Glass, see page 3-4. The manual exposure level is set on the darker side.*

*The entire surface of the Original Glass is dirty. The original is not held tightly on the Original Glass. EP1054 6-1 6 Symptom The copy is blurry. Possible Cause The paper is damp. Action Troubleshooting Replace the paper, see page 5-4. The copy has lines The Corona Units are dirty. Using the Corona Unit Cleaning Levers, clean the Corona Units, see page 8-4. The copy has dark specks or spots. The Original Glass is dirty. Wipe the Original Glass clean with a soft dry cloth, see page 8-3.*

*Wipe the Original Pad clean with a soft cloth dampened with mild home detergent, see page 8-2 Place a blank sheet of paper over the original, see page 3-4. The information on the back side of a two-sided, thin original may be slightly reproduced on the copy. Set the copier into the Manual Exposure Mode and, using the Exposure Control Key (Lighter), make the exposure level lighter, see page 3-10. Wipe the Original Pad clean with a soft cloth dampened with mild home detergent, see page 8-2. Load the same size copy paper as the original into the Drawer, see page 5-4.*

*Load the same size copy paper onto the Manual Bypass Tray or the Multi Bypass Tray, see page 3-13. Reload the paper in the same direction as the original, see page 3-4. Select the zoom ratio according to the copy paper size, see page 3-7. The Original Pad or Document Feed Belt is dirty. The original is very thin or highly transparent.*

*The original is two-sided. The edge of the copy is dirty. The Original Pad is dirty. A paper size larger than the original is loaded in the Drawer. (Zoom Ratio is set at full size 100%.) The original is not placed in the correct direction. (Zoom Ratio is set at full size 100%.) The reduction ratio selected is not in accordance with the copy paper size. (When doing manual reduction copying.) 6-2 EP1054 Troubleshooting 6 Possible Cause The original is not placed in the correct position.*

*Action Place the original correctly on the Original Glass against the Original Width Scale, see page 3-4. Symptom The image on the copy is not aligned properly. If these procedures do not correct the problem, contact your Technical Representative 6.2 The Copier is not functioning as designed Symptom None of the Control Panel Indicators light up. Check for Is the Start Key lit up green? Action The copier is in the Energy Saver Mode. Press any Key on the Control Panel to cancel the Energy Saver Mode, see page 2-12. Turn the Power Switch ON. The copier is now warming up. Please wait, see page 2-11. Take the necessary steps for each Indicator, see page 5-1.*

*113903 The copier is in the Auto Shut OFF Mode. Pressing the Start Key does not start the copy cycle. Is the Start Key blinking Orange? Is any of the following Indicators lit up? 113903910A 113903270A The Copier is not activated when the Power Switch is turned ON. Is the power cord plugged into the power outlet? Is the room circuit breaker open? Plug the power cord into the power outlet. Close the room circuit breaker.*

*Turn the copier OFF immediately, unplug the power cord, and call your Technical Representative. EP1054 6-3 6 Troubleshooting 6-4 EP1054 Specifications 7 7 Specifications Copier EP1085 Specification Type Platen Type Photoconductor Copying System Developing System Fusing System Types of Original Desk Top Copier Stationary OPC Electrostatic Dry Powdered Image Transfer to Plain Paper Micro-Toning System Lamp-Heated Roller Sheets, Books, and other three-dimensional objects Maximum Original Size: A3 Lengthwise Maximum Original Weight: 3kg. Plain paper, Recycled paper: Weighing 60g/m<sup>2</sup> to 90g/m<sup>2</sup> 2 Special paper (Manual Bypass Table only) Thick paper weighing: 91g/m<sup>2</sup> to 157g/m<sup>2</sup> OHP transparencies Translucent paper Drawer: A3L, B4L, A4L, A4C, B5C, A5L, 8" x 13"L, 8-1/2" x 13"L, 8 1/4" x 13"L (When the Marketing Area Switch is flipped to "Inch") 11" x 17" L, 5-1/2" x 8-1/2" L, LEGAL L, LETTER L Manual Bypass Tray Crosswise: 100mm to 297mm Lengthwise: 140mm to 432mm Lost image: 1-sided copy in the Full size mode Leading edge: 3 mm (approx. 1/8") Trailing edge: 3 mm (approx. 1/8") Front edge: 1 mm (approx.*

*1/25") Automatic feeding from a drawer and manual feeding via Manual Bypass Tray or Multi Bypass Tray (option) Drawer: 250 sheets 30 seconds or less at Ambient temperature of 23°C/73°F (20 seconds or less when the Energy Saver Mode is used) A4C = 7.2 seconds or less (in Full Size Mode using First Copier Drawer) Drawer Full size (100%) A3L: 12 B4L: 13 A4L: 15 A4Y: 15 Fixed ratios Full size: 1:1±0.5% Reduction Ratios: 50%, 70%, 81% Enlargement Ratios: 115%, 141%, 200% Zoom ratios: From 50% to 200% in 1% increments Kinds of Paper Copy Paper Size Paper Feeding System Warming-up Time First copy Time Copying Speed (approx. copies/minute) Zoom Ratios EP1054 7-1 7 Specification Multiple Copy Exposure Control Power Requirements Power Consumption Dimensions Up to 99 copies (Count-Down system) Auto, Manual and Photo Mode Specifications AC 115V, 120V, 127V, AC 220V-240V, 50/60Hz 1.3 kW (Max.) Width: 610mm (Excluding Exit Tray) Depth: 637mm Height: 401mm (Including Original Cover) 50 kg (Excluding Copy Tray, Starter, Toner) Weight Multi Bypass Tray MB-4 Specification Type Installation Registration Capacity of Table Universal Multi-Sheet Bypass Unit Attached to copier Front edge Plain Paper (white): 50 sheets (80g/m<sup>2</sup>) or less Plain Paper (once-copied paper): 20 sheets or less Recycled Paper, Thick paper, translucent paper: 20 sheets or less OHP transparencies: 5 sheets or less Plain paper, Recycled paper: weighing 60g/m<sup>2</sup> to 90g/m<sup>2</sup> Special paper Thick paper: weighing 90g/m<sup>2</sup> to 157g/m<sup>2</sup> OHP Transparencies Translucent paper Standard: A3L to A6L Non-standard: Crosswise: 100mm to 297mm Lengthwise: 140mm to 432mm DC24V supplied from copier 30W or less 2.7 kg Kinds of Paper Paper Size Power Source Power Consumption Weight 7-2 EP1054 Miscellaneous 8 8 8.1 Miscellaneous Care of the Copier To keep your copier in good shape at all times, make the following daily checks and cleaning.*



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[MINOLTA EP1054 user guide](http://yourpdfguides.com/dref/590570)

<http://yourpdfguides.com/dref/590570>

Daily Checks Power Cord, Communications Cable, Ground Cable Item Is the copier placed on its power cord or other Cables? Is the copier placed on cables of other electrical equipment? Are the cord and cables free of damage or cracks? Has the cord or cable jacket frayed to expose the wires? Action It could result in the copier or other electrical equipment malfunctioning. Move the copier immediately.

Turn the copier OFF immediately, unplug the power cord, and call your Technical Representative. Communications Cable: Cable connecting the copier with options Original Glass Item Is the Glass dirty? Is the Glass scratched? Is the Glass cracked or chipped? Action Clean the Glass using the procedure given in "Cleaning", see page 8-3. Call your Technical Representative. Original Cover, Automatic Document Feeder Item Is the Original Pad dirty? Is the Original Pad scratched? Action Clean the Pad using the procedure given in "Cleaning", see page 8-2. Call your Technical Representative. EP1054 8-1 8 Copy Paper Item Is the paper damp and wavy? @@@@Wipe the surface of the Original Glass clean with a soft, dry cloth. Control Panel 1 2 Turn the Power Switch OFF. Wipe the surface of the control panel clean with a soft, dry cloth. NOTE è NEVER use a glass cleaner or any other detergent to avoid damage to the control panel keys and display. Front Door 1 2 Swing down the Front Door.

Wipe the inside of the Front Door clean with a soft cloth. EP1054 8-3 8 Corona Units Miscellaneous 1 2 Open the Front Door Gently slide out the Upper Corona Unit Cleaning Lever as far as it will go. 3 Gently slide the Cleaning Lever back into the original position. 4 Gently slide out the Lower Corona Unit Cleaning Lever as far as it will go. 5 6 Gently slide the Cleaning Lever back into the original position.

Repeat steps 2 to 5 two to three times. 8-4 EP1054 Miscellaneous 8.2 Paper Size and Zoom Ratio Table Paper Size Name A3 A4 A5 A6 B4 B5 B6 Post Card Size (Metric) 297mm x 420mm 210mm x 297mm 148mm x 210mm 105mm x 148mm 257mm x 364mm 182mm x 257mm 128mm x 182mm 100mm x 148mm Size (Inch) 11-3/4" x 16-1/2" 8-1/4" x 11-3/4" 5-3/4" x 8-1/4" 4-1/4" x 5-3/4" 10" x 14-1/4" 7-1/4" x 10" 5" x 7-1/4" 4" x 5-3/4" Name LEDGER 11" x 14" COMPUTER 10" x 14" 9-1/4" x 14" LEGAL Foolscap Foolscap Foolscap Foolscap 8-1/4" x 11-3/4" LETTER GOVERNMENT LETTER QUARTO STATEMENT INVOICE FOLIO GOVERNMENT LEGAL Size (Inch) 11" x 17" 11" x 14" 10-1/8" x 14" 10" x 14" 9-1/4" x 14" 8-1/2" x 14" 8-1/2" x 13" 8" x 13" 8-2/3" x 13" 8-1/4" x 13" 8-1/4" x 11-3/4" 8-1/2" x 11" 8" x 10-1/2" 8" x 10" 5-1/2" x 8-1/2" Size (Metric) 279mm x 432mm 279mm x 356mm 257mm x 356mm 254mm x 356mm 236mm x 356mm 216mm x 356mm 216mm x 330mm 203mm x 330mm 220mm x 330mm 210mm x 330mm 210mm x 301mm 216mm x 279mm 203mm x 267mm 203mm x 254mm 140mm x 216mm EP1054 8-5 8 Zoom Ratio Table (Original Size to Copy Paper Size) Zoom Ratio = Copy Paper Size + Original Size 1" (inch) = 25.4 mm 1mm = 0.0394" (inch) Metric Areas Original Size A3 297 x 420mm 11-3/4" x 16-1/2" Copy Paper Size A4 A5 B4 B5 A4 210 x 297mm 8-1/4" x 11-3/4" A5 A6 B5 B6 A3 B4 A5 148 x 210mm 5-3/4" x 8-1/4" A6 B6 A4 A3 B4 B5 A6 105 x 148mm 4-1/4" x 5-3/4" A4 A5 B5 B6 B4 257 x 364mm 10" x 14-1/4" A4 A5 B5 B6 A3 Miscellaneous Zoom Ratio x 0. 707 x 0.500 x 0.866 x 0.610 x 0.707 x 0.500 x 0.866 x 1.224 x 1.414 x 1.224 x 0.

707 x 0.866 x 1.414 x 2.000 x 1.733 x 1.224 x 2.000 x 1.414 x 1.733 x 1.224 x 0.  
816 x 0.577 x 0.707 x 0.500 x 1.154 8-6 EP1054 Miscellaneous 8 Copy Paper Size A5 A6 B6 A3 A4 B4 Zoom Ratio x 0.  
816 x 0.577 x 0.707 x 1.640 x 1.154 x 1.

414 x 0.816 x 1.640 x 1.154 x 2.000 x 1.414 Metric Areas Original Size B5 182 x 257mm 7-1/4" x 10 B6 128 x 182mm 5" x 7-1/4" A6 A4 A5 B4 B5 Inch Areas Original Size 11" x 17" 279.4 x 431.8mm Copy Paper Size 11" x 14" Legal Foolscap Letter Invoice 11" x 15" 279.4 x 381mm 11" x 14" Legal Foolscap Letter Invoice 11" x 14" 279.4 x 355.

6mm Legal Foolscap Letter Invoice Legal 8-1/2" x 14" 215.9 x 355.6mm Legal Foolscap Letter Invoice Zoom Ratio x 0.823 x 0.772 x 0.764 x 0.647 x 0.500 x 0.933 x 0.772 x 0.  
722 x 0.733 x 0.500 x 0.772 x 0.772 x 0.  
772 x 0.500 x 0.928 x 0.785 x 0.607 x 1.

214 EP1054 8-7 8 Inch Areas Original Size Foolscap 8-1/2" x 13" 215.9 x 330.2mm Copy Paper Size Foolscap Letter Invoice 11" x 17" Letter 8-1/2" x 11" 215.9 x 279.4mm Invoice 11" x 17" 11" x 14" Invoice 5-1/2" x 8-1/2" 139.7 x 215.9mm 11" x 17" 11" x 14" Legal Foolscap Letter Miscellaneous Zoom Ratio x 0.846 x 0.647 x 1.294 x 1.

076 x 0.647 x 1.294 x 1.272 x 2.000 x 1.647 x 1.545 x 1.529 x 1.294 8-8 EP1054 A Add Paper Indicator ..

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5-4 Add Toner .....

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*3-9, 3-10, 4-8 Misfeed Indicator .....*

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*5-7 Multi Bypass Copying .....*

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*.... 3-4 P Panel Resetting .*

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*..... 2-11 R Reduction ratios ..*

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*3-7 Replacing the Toner Bottle .....*

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*..... 5-2 S Size Counter .....*

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5-2 Total Counter .....

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