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Actual print speed varies depending on the media type or paper size as shown in the tables below;. It aids in understanding the basic principles of operation as well as locating defects for troubleshooting.The scanner unit consists of a scanner top cover, CCD unit and scanner base.Then, the machine starts scanning, and the CCD drive mechanism is started. When the machine starts simplex scanning, the ADF motor is rotated clockwise, the pickup roller draws the document, and the separation roller and separation pad send a sheet of the document to the ADF one by one from the top page of the stacked documents. When the machine starts duplex scanning, the ADF motor is rotated clockwise, the pickup roller draws the document, and the separation roller and separation pad send a sheet of the document to the ADF one by one from the top page of the stacked documents. The document is passed through the paper feed rollers 1, 2 and 3, and ejected to the document cover by the eject roller. SB roller ASSY Paper feed roller 2 Eject roller Paper feed roller 3. Pinch roller Feed roller TR Regist roller Pressure roller PE actuator. When the paper tray Tray1 cassette is installed into the machine, the lift gear 46 is rotated, and the motor drive is transmitted to the plate ASSY so that it is pushed up. The developer consists of a nonmagnetic toner. The developer roller is made of conductive rubber and the supply roller which is also made of conductive sponge rotate against each other. The toner is charged and carried from the supply roller to the developer roller. The thermistor keeps the surface temperature of the heat roller constant by

detecting the surface temperature of the heat roller and turning on or off the halogen heater lamp. Afterwards, the paper is ejected from the duplex tray to the path through the regist roller and the transfer roller to the transfer block in the drum unit again for process of printing on the back of sheet. <http://odlesales.com/base/d4-manual.xml>

When the separation roller is driven, therefore, the feed roller is also driven. At this time, the recording paper is drawn out of the MP tray by rotation of the feed roller contacted with the recording paper. In the case of lowduty printing, "Toner Life End". The toner used for the machine has a property that print density is light first and gradually darker in the course of usage. The charge is generated by ionization of the corona wire, which has a DC bias from the highvoltage power supply applied to it. The service personnel should instruct end users to follow the transfer procedure given in this chapter if the machine at the user site cannot print received data due to the printing mechanism defective. The disassembly order flow provided enables you to see at a glance the quickest way to get to components involved. At the start of a disassembly job, you check the disassembly order flow that guides you through a shortcut to the object components. How to Access the Object Component On the next page is a disassembly flowchart which helps you access the object components. DX feed ASSY Fig. 53 5.1.4 Paper Tray 1 Close the Front cover. 2 Pull out the Paper tray. 3 Remove the recording paper if it is remained in the Paper tray.. Separation pad ASSY Hooks Hook Hook Paper tray Fig. Plate up plate Plate up plate Lift gear 46 Hook Paper tray Lift gear 46 Hook Fig. 57 9 Remove the Gear 2116. Gear 2116 Paper tray Fig. 58 10 Remove the Gear 15.. Back cover Fig. 510 5.1.6 DX Blank Cover For the models with out the DX only 1 Push the Hooks on both sides of the DX blank cover inwards to release them, and remove the DX blank cover. Eject actuator spring Eject actuator Sub outer chute. Taptite, bind B M4x12. Taptite, cup S M3x6 Shield cover FG harness Taptite, cup S M3x6 Fig. 518 2 Remove the cup S M3x6 Taptite screw, remove the ADF FG harness and FB FG harness. 3 Disconnect the Connector from the Driver PCB. Document cover Taptite, bind B M4x12 Taptite, bind B M4x12 Fig. 520 5.

1.10 Hinge Base R 1 Turn the Document cover upside down. Remove the Hinge base R from the Hinge arm R. Hinge base R. Remove the ADF cover ASSY from the ADF unit. ADF cover ASSY ADF unit Fig. 524 5.1.14 ADF Side Cover F 1 Push the Hook from underneath the ADF unit to release the Latch, and remove the cup S M3x8 Taptite screw and cup B M3x10 Taptite screw from the ADF Side cover F. ADF side cover R Taptite, cup B M3x10. Hook Taptite, cup B M3x10 Taptite, cup B M3x10. Remove the Earth spring from the Exit chute cover ASSY. Earth spring Exit chute cover ASSY Antistatic brush Fig. 533 Assembling Notes When assembling the Earth spring, ensure that the end of the Earth spring is attached onto the Antistatic brush as shown in the figure below. Release the Hooks of the Conductive bushing A to remove the Conductive bushing A. 2 Remove the Bushing from the ADF chute ASSY, and remove the PF roller holder ASSY from the ADF chute ASSY. Identify each roller by four shades of the rollers. Lighter LF roller 3 ASSY SB roller ASSY For the models with the DX only LF roller 2 ASSY. Motor frame ASSY Taptite, cup S M3x8 View A. Taptite, cup S M3x8 ADF relay PCB Motor frame ASSY Fig. 546 546 Confidential. Release the Hooks of the Photo interrupter to remove the Photo interrupter from the Paper feed chute ASSY. 2 Disconnect the Connector from the Photo interrupter. Connector Hook Photo interrupter. Connector Hook Hook Paper feed chute ASSY. Bushing LF roller 2 ASSY Hooks. Bushing Exit roller ASSY ADF chute ASSY Conductive bushing A. Release the Hooks of the Conductive bushing A to remove the Conductive bushing A. 2 Remove the Bushing from the ADF chute ASSY, and remove the LF roller 3 ASSY from the ADF chute ASSY. Bushing LF roller 4 ASSY ADF chute ASSY. Main chute ASSY Front frame ALFB Taptite, cup B M3x10 Fig. 567 5 Remove the four cup B M3x10 Taptite screws. 6 Remove the Upper main chute ASSY from the Lower main chute ASSY. Taptite, cup B M3x10 Taptite, cup B M3x10 Upper main chute ASSY.

Connector Hook Photo interrupter Hook Hook Lower main chute ALFB Fig. 573 5.1.42 Document

Ejection Tray 1 Remove the ADF document output support flap from the Document cover LGL ALFB. Hook Connector Document cover LGL ALFB. Remove the two cup B M3x10 Taptite screws. 2 Remove the Rear sensor cover from the Document cover LGL ALFB. Taptite, cup B M3x10 Taptite, cup B M3x10 Rear sensor cover Document cover LGL ALFB Fig. Panel cover ASSY Hooks Fig. 579 563 Confidential. NOTE After disconnecting flat cables, check that each cable is not damaged at its end or short circuited. Taptite, cup B M4x12 Top cover ASSY Taptite, cup B M4x12 Taptite, cup B M4x12. Belt Taptite, B M3x8 Pulley ASSY Fig. 584 2 Lift up the CCD Module and Guide shaft and pull the Guide shaft out of the CCD Module. CCD Module Guide shaft Scanner base. NOTE After disconnecting flat cables, check that each cable is not damaged at its end or short circuited. Hook FFC plate ALFB Hook Fig. 587 2 Remove the Shield sponge ALFB and FFC cable ASSY. 3 Remove the Flat core from the FFC cable ASSY. Flat core Shield sponge ALFB FFC cable ASSY. Taptite, cup S M3x6 Taptite, pan B M3x8 FB FG harness Taptite, pan B M3x8. Taptite, pan B M3x6 Pulley spring Pulley ASSY Fig. 591 5.1.54 Photo Interrupter 1 Release the Hooks and remove the Photo interrupter. 2 Disconnect the Connector from the Photo interrupter. Panel PCB harness Main PCB Main PCB Fig. 593 2 Remove the four cup B M4x12 Taptite screw. 3 Remove the Tape fixing the wire harness. 4 Remove the Panel Unit. Taptite, cup B M3x10 Panel PCB harness ALFB panel Taptite, cup B M3x10 Hook. Panel PCB ASSY Panel unit Hooks Hooks Fig. 597 5.1.57 Printed Rubber Key 1 Remove the Printed rubber key. Printed rubber key Panel cover Fig. Taptite, cup S M3x6 NCU PCB ASSY Taptite, cup S M3x6. Speaker harness Main PCB Main PCB Fig. 5105 2 Remove the bind B M4x12 Taptite screw. 3 Remove the Speaker hold spring and Speaker ASSY. Taptite, bind B M4x12 Speaker ASSY Speaker hold spring.

<https://judo-allier.com/images/construction-safety-induction-manual.pdf>

Driver PCB Driver harness Main PCB Main PCB Fig. 5107 2 Remove the cup S M3x6 SR Taptite screw and two cup B M3x8 Taptite screws. 3 Remove the Driver PCB shield ALFB and Driver PCB from the Joint cover ASSY. Release the Hooks in the order of the arrows 1a, 1b and 1c, and remove the FU harness cover 1. Taptite, bind B M4x16 FU harness cover 1 Hooks Fig. FU harness cover 2 Hook Fig. 5111 4 Disconnect the connectors of the Thermistor ASSY M and Thermistor ASSY S from the Relay rear PCB ASSY, and remove the harnesses of these thermistors. Taptite, cup B M4x16 Fuser unit Fig. 5113 5.1.63 Tray MP ASSY 1 Open the MP tray cover ASSY. 2 Release the Boss of the Tray MP ASSY from the MP tray cover ASSY. 3 Remove the Tray MP ASSY. Process cover ASSY MP tray cover ASSY Fig. 5117 6 Remove the cup B M4x10 Taptite screw, and then remove the Process cover stopper. Process cover Process cover stopper Taptite, cup B M4x10. Support lap Process cover Fig. 5119 584 Confidential. NOTE After disconnecting flat cables, check that each cable is not damaged at its end or short circuited. When connecting flat cables, do not insert them at an angle. After insertion, check that the cables are not at an angle. Taptite, cup S M3x6 Main motor ASSY AL Taptite, cup S M3x6 Gear plate calking ASSY AL Taptite, cup S M3x6 Fig. 5123 5 Remove the Develop joint from the Gear plate calking ASSY AL. Insulation sheet Insulation sheet Frame L Fig. 5125 2 Remove the bind B M4x12 Taptite screw. 3 Remove the bind B M4x12 Taptite screw, and then remove the Plate. Taptite, bind B M4x12 Plate Frame L. Taptite, bind B M4x12 Taptite, bind B M4x12 Taptite, cup S M3x6 Main shield plate ASSY Frame L Fig. Connector harness LT connector Hook Frame L Hook Fig. 5130 Assembling Notes When assembling the LT connector, ensure that its direction is correct referring to the figure below. Frame L LT connector Boss. Relay front PCB ASSY Hook Frame L Hook Fig.

<https://www.hotel-forsthaus.com/images/construction-safety-manual-aramco.pdf>

5132 Inter lock SW connector Register solenoid connector MP solenoid connector T1 solenoid connector. Frame L Taptite, cup B M3x8 Spring Fig. 5134 Assembling Notes When assembling the Spring, ensure that its direction is correct referring to the figure below. Spring Frame L Fig. Taptite, bind B M3x10 Solenoid release spring T1 solenoid ASSY T1 solenoid lever Frame L Fig. 5138 5.1.73

Toner Sensor PCB 1 Remove the Toner sensor PCB unit ASSY from the Frame L. Taptite, bind B M3x10 Solenoid release spring Register solenoid ASSY Register solenoid lever Frame L Fig. 5141 5.1.75 Ejector Solenoid ASSY For the models with the DX only 1 Remove the bind B M3x10 Taptite screw. New toner actuator Hook New toner actuator spring Frame L. Hook Gear 20 Frame L Fig. 5147 598 Confidential. Hook Gear 17 black Frame L Fig. 5148 4 Remove the Gear 17 white. Hook Gear 17 white Frame L Fig. 5149 599 Confidential. Hook Side cover R Taptite, bind B M4x12. Air duct Filter Hooks Sub duct Hook Fig. 5154 2 Remove the Filter from the Air duct. NOTE The filter is dirt. Slide the Air duct to the direction of the arrow 1b and remove the Air duct. Laser unit Hook Hook Air duct Fig. 5156 2 Remove the five cup S M3x6 Taptite screws. LV insulation sheet Taptite, bind B M4x12 Fig. 5159 7 Remove the bind B M4x12 Taptite screw. 8 Remove the SW holder ASSY. 9 Float the Fan motor 60 unit LV from the Frame R. Inlet harness ASSY SW holder Hook. Taptite, bind B M4x12 Base plate HV Taptite, bind B M4x12 Fig. 5163 2 Remove the bind B M4x12 Taptite screw, and then remove the HV insulation sheet. Taptite, bind B M4x12 HV insulation sheet Fig. Highvoltage PS PCB ASSY Taptite, bind B M4x12 Pins Fig. 5165 Highvoltage PS PCB ASSY MP PE sensor connector PE EG sensor connector Toner LED PCB connector. Frame R Hook Pins Toner LED PCB unit ASSY. Binder Paper feed frame PE EG sensor connector MP PE sensor connector Fig.

5173 2 Remove the two bind B M3x8 Taptite screws 3 Lift up the rear side of the MP feed frame and pull up the MP feed frame to remove. MP feed frame cover MP feed frame Fig. 5175 5 Release the Hook to remove the Holder bearing MP from the MP feed frame. Holder bearing MP Hook MP feed frame Fig. 5176 5113 Confidential. Lift arm MP MP feed frame Hook MP roller holder ASSY Fig. 5177 7 Turn the MP feed frame upside down. 8 Slide the PE actuator MP B to the direction of the arrow 8b while pressing the Hook to the direction of the arrow 8a, and pull it up to remove. PE actuator MP MP feed frame Fig. 5179 10 Remove the bind B M3x8 Taptite screw, and then remove the MP PE sensor ASSY. Taptite, bind B M3x8 MP PE sensor ASSY MP feed frame. Separation pad ASSY MP MP frame Fig. 5181 12 Remove the MP separation spring from the MP frame. MP separation spring MP frame Fig. Actuator cover Hook A Paper feed unit. Then, remove the Regist actuator spring from the Regist actuator rear. Regist actuator rear Regist actuator spring Paper feed unit. Then, turn the Roller holder ASSY to the direction of the arrow 1b. Lift arm Roller holder ASSY Paper feed frame Fig. Separation R shaft bearing Hook Paper feed frame Fig. Edge actuator PE actuator Separation roller drive shaft Paper feed frame Fig. 5193 5122 Confidential. Taptite, bind B M3x8 MP frame Taptite, bind B M3x8 Paper feed frame Fig. 5194 2 Remove the bind B M3x8 Taptite screw, and then remove the PE EG sensor ASSY. Taptite, bind B M3x8 PE EG sensor ASSY Paper feed frame. Separation pad spring Paper tray Fig. 5200 6 Remove the Lift gear 46. Plate up plate Plate up plate Hook Lift gear 46 Paper tray Lift gear 46 Hook Fig. 5201 5126 Confidential. Gear 2116 Paper tray Fig. 5202 8 Remove the Gear 15. Gear 15 Paper tray Fig. 5203 5127 Confidential. LT front cover ASSY Taptite, bind B M4x12 Fig. 5204 3 Remove the LT front paper guide from the LT front cover ASSY while pulling the two hooks inwards. LT rear cover Taptite, cup S M3x6 SR Fig.

klingende-zeder.de/wp-content/plugins/formcraft/file-upload/server/content/files/1627400506a56d---brocade-icx-6450-user-manual.pdf

5206 5.2.4 LT Side Cover L 1 Remove the bind B M4x12 Taptite screw. 2 Remove the cup S M3x6 Taptite SR screw. Hook LT PCB ASSY LT frame L Taptite, bind B M4x12 LT sensor harness LT sensor PCB connector LT PCB ASSY. Connector 555331219 Hook Hook LT sensor harness ASSY 1 LT frame L Fig. 5210 5.2.8 Connector 547021219 1 Remove the LT sensor harness ASSY 2 from the Connector 547021219. LT frame L Taptite, cup S M3x6 SR Feed roller ground plate. LT drive unit Hooks Hooks LT solenoid harness LT solenoid ASSY Fig. 5218 5 Remove the cup S M3x6 Taptite screw. 6 Remove the four bind B M4x12 Taptite screws, and then remove the LT drive unit. Taptite, bind B M4x12 Taptite, bind B M4x12 LT drive unit. LT drive unit Clutch spring Fig. 5220 8 Remove the Collar 6. 9 Remove the Clutch arm ASSY from the LT drive unit. Collar 6 Clutch arm ASSY LT

drive unit Fig. Then, turn the Roller holder ASSY to the direction of the arrow 1b. Lift arm Roller holder ASSY Paper feed frame Fig. Edge actuator spring LT paper feed frame Edge actuator Hooks Fig. 5226 5140 Confidential. Separation R shaft bearing Hook LT paper feed frame Fig. 5227 2 Pull out the Separation roller drive shaft to the direction of the arrow and remove the Edge actuator and PE actuator. Taptite, cup B M3x12 LT front beam LT paper feed frame Fig. 5231 5 Remove the bind B M3x8 Taptite screw, and then remove the LT sensor PCB ASSY. Taptite, bind B M3x8 LT sensor PCB ASSY LT paper feed frame. Ball 5144 Confidential. Refer to Appendix 2, page App. 22. 6.1.2 Initialize the EEPROM on the Main PCB Function code 01 Refer to Chapter 8, Section 8.4.1. These parts would affect the product quality greatly if they lost their function even if they do not appear to be damaged or there is no change in their appearance. The periodical replacement parts listed below should be replaced at the service center referring to the service life. Back cover Fig. 67 12 Hold the Knobs on the Outer chute ASSY and pull down the Outer chute ASSY to your side.

13 Remove the Arms of the Outer chute ASSY from the Pins on the machine body. Taptite, bind B M4x12 Hook Side cover L Taptite, bind B M4x12 Hooks Hooks. Hook Side cover R Taptite, bind B M4x12 Taptite, bind B M4x12 Hooks Hooks Hooks Fig. NOTE After disconnecting flat cables, check that each cable is not damaged at its end or short circuited. Document scanner Taptite, bind B M4x12 Taptite, bind B M4x12 Fig. 615 25 Remove the Panel cover ASSY. Panel cover ASSY Hooks Fig. 616 610 Confidential. Lift up the rear of the Scanner unit FLFB slightly and remove the Scanner unit FLFB. Joint cover Hooks Taptite, bind B M4x12. Heater terminal L Fuser unit Heater terminal S Fig. 621 33 Pull the FU harness cover 2 to the direction of the arrow 33a while pressing the Hook and pull out the FU harness cover 2 from the back of the machine. Thermistor ASSY M Fuser unit Thermistor ASSY S Relay rear PCB ASSY Fig. 623 35 Remove the cup B M4x16 Taptite screw, and then remove the Fuser unit. Air duct Filter Hooks Sub duct Hook Fig. 625 37 Remove the Filter from the Air duct. NOTE The filter is dirt. Slide the Air duct to the direction of the arrow 38b and remove the Air duct. Laser unit Hook Hook Air duct Fig. 627 616 Confidential. NOTE After disconnecting flat cables, check that each cable is not damaged at its end or short circuited. 41 Remove the Protective film. 42 Pull out the flat cable from the Core. After insertion, check that the cables are not at an angle. Air duct Filter Fig. 631 6 Install the Sub duct into the Air duct. Air duct Filter Hooks Sub duct Fig. 632 619 Confidential. Taptite, bind B M4x16 Fuser unit Fig. 636 8 Connect the connectors of the Thermistor ASSY M and Thermistor ASSY S onto the Relay rear PCB ASSY. Thermistor ASSY M Fuser unit Thermistor ASSY S Relay rear PCB ASSY. Taptite, bind B M4x16 FU harness cover 1 Hooks Fig. 640 12 Secure the Joint cover with the four bind B M4x12 Taptite screws. Joint cover Hooks Taptite, bind B M4x12 Hook. Panel cover ASSY Hooks Fig.

644 17 Secure the Document scanner with the two bind B M4x12 Taptite screws. Document scanner Taptite, bind B M4x12 Taptite, bind B M4x12 Fig. 645 625 Confidential. Driver PCB Driver PCB Connector ADF motor harness ADF FG harness FB FG harness Taptite, cup S M3x6. Driver PCB Driver harness Battery harness Speaker harness NCU harness Main PCB Main PCB Panel PCB harness Fig. 648 24 Catch the Hooks in the order of the arrows and secure the Side cover R with the two bind B M4x12 Taptite screws. Taptite, cup S M3x6 SR Shield cover FG harness Taptite, cup S M3x6 SR Fig. 650 26 Catch the Hooks in the order of the arrows and secure the Side cover L with the two bind B M4x12 Taptite screws. Outer chute ASSY Fig. 652 28 Catch the Arm of the Back cover onto the Pin of the machine body and install the Back cover. Paper tray Fig. 656 33 Connect the AC cord into the Machine. Machine AC cord Fig. 657 631 Confidential. Separation pad ASSY Hooks Hook Hook. Then, lift up the gear side of the Roller holder ASSY to the direction of the arrow 15b and pull it out to the direction of the arrow 15c to remove. Roller holder ASSY Machine Fig. Lift arm Roller holder ASSY Machine Fig. 666 4 Install the DX feed ASSY or DX blank cover. Paper tray Fig. 670 9 Connect the AC cord into the Machine. Machine AC cord Fig. 671 638 Confidential. MP feed frame cover MP feed frame Front cover Fig. 674 6 Remove the Holder bearing MP. Holder bearing MP Hook MP feed frame Fig. 675 640 Confidential. MP roller holder ASSY Lift arm MP MP

feed frame Fig. Separation pad ASSY MP Hook Hook MP feed frame. Holder bearing MP Hook MP feed frame Fig. 680 4 Close the MP feed frame cover. MP feed frame cover MP feed frame Front cover. Machine AC cord Fig. 683 644 Confidential. Confidential. You can customize the EEPROM according to the shipment destination of the machine concerned. TIP FAX models equipped with numerical keypads can enter the maintenance mode in the same way as conventional models;

When each of the user-accessible functions is completed, the machine automatically returns to the standby state. Entering the function code 01 initializes all of the EEPROM areas, but entering 91 does not initialize some areas, as listed below. Operating Procedure Implement the operating procedure below after scanning the document once at least, not immediately after the machine is turned on. Since the machine initializes the white and black level data and obtains the standard value for document scanning compensation when starting scanning the document, the correct data for compensation cannot be printed out even if this operation is implemented without scanning the document. When you fix the FAX equipment and check its operation, you need to perform this function right before packing and shipping it. The figure below shows test pattern. The firmware switches have been set at the factory in conformity to the communications standards and codes of each country. Function WSW38 V.34 transmission settings WSW39 V.34 transmission speed WSW40 V.34 modem settings WSW41 ONduration of the scanning light source WSW42 Internet mail settings WSW43 Function setting 21 WSW44 Speeding up scanning1 WSW45 Speeding up scanning2 WSW46. The "PRINTING". The LCD shows. The machine returns to the initial stage of the maintenance mode. The machine beeps 1100 Hz and 400 Hz tones cyclically through the following volumes for testing the speaker. Document rear sensor No document detected. ADF document separation Document detected. ADF document SB sensor Document cover closed. FB cover sensor CCD unit home position detected. Document scanner home position sensor Front cover sensor. NOTE The number of files that can be transferred at a time is 99. To transfer 100 files or more, carry out the following procedure more than one time. The USB serial number appears on the LCD. The LCD shows the "MACHINE ERROR X X".

If any error message appears, refer to this chapter to find which components should be checked or replaced. The latter half of this chapter provides sample problems that could occur in the main sections of the machine and related troubleshooting procedures. For the communications errors, the equipment also prints out the transmission verification report and the communications list. Data Remaining Print data is left in the machine's Restart printing from your computer. memory. Set the ejection actuator while no operation is into place. performed. Replace relay rear PCB ASSY. The temperature of the fuser unit is too high. Main PCB defective Replace the main PCB. Power supply Replace the power supply defective PCB. Separation ASSY Replace. Hook of the front cover Replace the front cover. Front cover sensor Replace the front cover sensor. CCD unit defective Replace the CCD unit. Main PCB defective Replace the main PCB. C1CF Not used. D0DF Modem error Main PCB defective Replace the main PCB. Definition of error codes on the communications list Calling Code 1. Remote terminal not ready for polling. Remote terminal not equipped with password function or its password switch OFF. Remote terminal not equipped with or not ready for confidential mailbox function. ID checking Code 1 Code 2 Causes Password plus "lower 4 digits of telephone number" not coincident. Receive buffer empty. 5second timeout Receive buffer full during operation except receiving into memory. Decoding error continued on 500 lines. Decoding error continued for 10 seconds. It is impossible to anticipate all of the possible problems which may occur in future and determine the troubleshooting procedures, so this section covers some sample problems. Even if the same problem occurs again, follow the procedures in the table below. User Check 1 Check that the machine cable is not damaged or broken. Check also that the cable is connected to the correct interface connectors of both the machine and PC.

Highvoltage Check the connections of Replace the highvoltage power power supply the connector

between the supply PCB. Possible cause Step Check Result Remedy Link lever Does the link lever work. Remove the cause of non does not move Isnt the link lever bent.Possible cause Step Check Result Remedy Two or more Does paper double feeding Replace the separation pad.Foreign body Is a foreign body caught on Remove a foreign body. Even if the same image defect appears, the following procedures should be followed in the event of specific image defects. High temperature and high humidity conditions can increase the amount of background shading. 3 Clean the corona wire with the wire cleaner. 4 Try installing a new toner cartridge or drum unit. Drum unit Are the drum shaft and Clean the shaft and the drum electrode of the electrode. Install a new drum unit. Ground Possible cause Check Remedy Step Result contacts Corona failure Is the corona wire dirty. Clean the corona wire with the wire cleaner. Clean the pressure roller referring dirty Is any other area in the to the following procedure.Replace the drum unit drum unit. Clean the ADF glass. 2 Clean the corona wire in the drum unit. 3 Check that the wire cleaner is at the home position. 4 Check that the toner cartridge is not empty. 5 The drum unit may be damaged. Install a new drum unit. 2 Check the paper used meets the recommended paper specifications. 3 Clean the inside of the machine and the corona wire in the drum unit. Ground Possible cause Check. Install a new toner cartridge. 3 Check the machine's environment. High temperature and high humidity conditions can cause this problem. 4 Damp wet paper might be used. Refer to Step 1 in the table below and NOTE in the next page. Refer to Step 1 in the table below and NOTE in the previous page. Corona dirty Is the corona wire dirty 1 Clean the corona wire.

Drum Is the contact between the Clean contact electrode connection drum unit and machine both on the drum unit failure body connected correctly A rough surfaced paper may cause the problem. 2 The toner cartridge may be damaged. Install a new toner cartridge. 3 The drum unit may be damaged, or may be nearly at the end of life. Install a new drum unit. User Check 1 Check if the machine cable is not too long. It is recommended to use a parallel cable of less than 2 meters 6.6 feet in length. NOTE This problem may appear if the data is too complex. Brother print servers have two LEDs on the back panel of the machine. If it is visible, then the connection is good. Otherwise, go to Step 5. Then, click OK. 5 Once your firewall is disabled, try reinstalling the Brother software package. For instructions on how to install from the CDRROM, use the Quick Setup Guide we have provided with the machine. If it is visible, then the connection is good. Otherwise, go to Step 4. Look in the Exceptions setting and if necessary, type in the IP address of the print server. User Check 1 Verify if the power switch is turned off. Possible cause Step Check Result Remedy Connection Main PCB and Fix the connector properly.User Check 1 No Possible cause Step Check Result Remedy Key sticking Any key on control Clean up the panel cover, or panel is stuck.Connection Main PCB and Fix the connection properly. User Check 1 Verify that the telephone cord is securely inserted. Possible cause Check Remedy Step Result Dialing mode Dialing signal PB or Check the dialing mode setting setting DP comes out at customers again. Possible cause Check Remedy Step Result Speed dialing, A fax transmission can Replace the main PCB. Onetouch dialing be made using the key, ten. Dialing mode Dialing signal PB or Check the dialing mode setting setting DP comes out normally at customers again. User Check 1 Verify that the telephone cord is securely inserted.