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Book Descriptions:

canon c6800 service manual

In the event of major changes in the contents of this manual over a long or short period, Canon will issue a new edition of this manual. Indicates an item requiring care to avoid electric shocks. Indicates an item requiring care to avoid combustion fire. Indicates an item prohibiting disassembly to avoid electric shocks or problems. In the diagrams, represents the path of mechanical drive; where a signal name accompanies the symbol, the arrow indicates the direction of the electric signal. Normally, the machine goes on when the main power switch is turned on i.e., other than in power save mode, low power mode, sleep mode. The machines laser unit is fully enclosed in a protective housing and external covers so that its light will not escape outside as long as the machine is used normally. 1.2.5.2 Regulations by the us Center for Devices and Radiological Health 00029598 The Center for Devices and Radiological Health of the US Food and Drug Administration put input force a set of. The light from the machines laser unit is red. Be sure that the space will be on this side left side. The side of the slope plate having a pin hole left is where the delivery side of the machine will be, with the front of the machine facing the side indicated by the arrow. Keep the following in mind when installing the machine 1. Do not keep the supply mouth developing rotary assembly.F267 F265 14 Close the process unit. 11 Remove the paper put between the photosensitive Take care not to trap the cable found at the right front drum and the developing rotary. F2110 move the adjusting plate toward the rear to increase the left margin. F2112 move the adjusting screw toward the front to decrease the left margin. Then, change the setting to make adjustments. A change of 1 moves the leading edge registration by 0.1 mm. If the machines connection to the network fails, suspect the following causes a. The connection between the network and the Ethernet PCB is faulty.

b.<http://cubicsolutions.com/userfiles/culligan-mark-50-automatic-water-conditioner-manual.xml>

- **1.0.**

If the grounding wire is connected, remove it. 3 Fix the scanner in place using the scanner fixing screw stored away from the time of installation. Use the lowest number of the cards that will be used by the usered. As many as 300 cards, starting with the number you enter, will be registered. 2 Turn off the host machines main power switch. F2135 9 Mount the right cover upper you removed in step 3. F2141 7 Shift bit 4 of the DIP switch SW2 4 found on the PCB to the ON side so that the communication between the controller and the host machine will be in IPC mode. IC21 PWM IC converts image data from ASIC1 into data processed by pulse width modulation. IC29 ASIC1 controls the laser driver, high voltage mechanisms, fixing control mechanisms, and motors. PINTR initial rotation from when the machine has received the print request signal to when it discharges paper. PRINT from when all toner has been transferred to paper and the paper is delivered. Main controller PCB sub processes reader input images. Description controls the processing of images coming from IC12 for output to the printer. IC15 controls the conversion of 4 bit serial image data coming from IC9 into 8 bit parallel image data;. Description J1302 connector for reader unit communication T45 IC No. Description IC15 controls image processing of input image data from the reader unit. Description J1403 connector for the SRAM PCB. T47 IC No. Description LCD controller IC10 NE controller, coin vendor, interface ASIC for card reader connection backup battery for SRAM. Description IC1,2,3 SRAM retains control information on the image data stored on the HDD; retains service mode settings data and Additional Function settings data 4.2.5 HDD 00033826 As many as 9 partitions units or blocks of division are created on the HDD, and each partition is assigned a specific task.<http://www.ricambiperauto.biz/img/e500-manual-download.xml>

When the machine is started up, the CPU on the main controller PCB reads the system software from the HDD into the image memory SDRAM of the main controller PCB for use as instructed by the boot program of the boot ROM. If a fault is found, the machine will indicate its presence by an error code. F410 Boot Program in Execution Image memory SDRAM System area Image data. FSTDEV DOSDEV2 Remedy FSTPDEV DOSDEV3 PDLDEV if xxyy is 0701, 0702. DOSDEV4 Remedy BOOTDEV Ask the user to use the RUI to collect address book data, transfer settings, and DOSDEV5 not identified user mode data. See below for its cause and remedy. The following shows the construction of the modules associated with these mechanisms Reader controller Interface Reader unit Reader Input Image SRAM Expansion bus. Reader unit Main controller PCB sub IC15 IC17 Processing that takes RGB phase correction the place of conventional black character input masking;. Reader unit Main controller PCB sub area signal Main controller If ACS identifies the original PCB man as being blackandwhite, the machine generates the Bk signal here. Reader unit Main controller PCB sub image area signal Main controller PCB main DC controller PCB Decompression JPEG decompression conversion. DC controller PCB Main controller PCB main Resolution conversion Rotation SDRAM Image conversion board Fax board F421 426. F464 F467 4.7.3.4 Removing 4.7.4 Expansion Bus PCB Controller Box Cover. If you have replaced the HDD, you must also download the card data used by the NSA once again;. Scanner HP sensor PS501 detects the home position of the scanner. J202 used for the power from the machine printer unit. J203 used for communications with the printer unit connection with the scanner motor. J204 used for connection with the CCD unit. SCRW SCFW STBY STBY SREADY Reverse Forward Reverse Forward Reverse Forward.

On the outside of the glass tube, 2 electrodes are arranged in parallel with the tube; the inside of the tube, on the other hand, is coated with fluorescent material. For sub scanning direction, the machine checks the states of the sensors arranged as follows ABConfiguration Inchconfiguration. The machine then identifies the size of the original based on the combination of changes at 5 points. If so, the machine uses the point with least dust as the reading position and executes dust correction before starting reading operation. White Plate Dust Correction If the machine detects dust as a result of white plate dust detection, it corrects the shading coefficient of the area using the shading coefficient of both sides so as to decrease the effects of the presence of dust. The machine measures the density of blank white paper and that of the white plate to obtain density data; it then computes the data to produce the target value for use at time of shading correction. Glass 00033121 1 Open the ADF. Polygon mirror scans laser light in main scanning direction. BD mirror reflects laser light, directing it to the BD PCB. BD PCB generates the BD signal. Laser mirror 1 reflects laser light, directing it to the photosensitive drum. ASIC1 IC29 uses the video signals coming from the main controller PCB to form a latent static image on the photosensitive drum through the following 6 control mechanisms DCCON ASICIC29 This control mechanism is executed by the sub scanning sync control circuit of ASIC1, which uses the ITB home position signal ITBHP generated by the ITB home position sensor to generate the synch signal PVREQ for sub scanning direction. The motor speed control mechanism detects the speed detection signal FG, BD, and compares it against the reference signal generated by the reference signal generation mechanism, thereby controlling the acceleration signal ACC and the deceleration signal DECK to make sure that the motor rotates at a specific speed.

When the black toner hopper assembly is opened, the protrusion found on the hopper assembly releases the laser shutter, causing the laser shutter to close so that the laser path is closed. F622 Be sure to keep the hopper assembly open when fitting F620. F629 10 Close the right deck. Start key PRINT STBY INTR LSTR Mono color print for every 240 prints Primary transfer ATVC control Secondary transfer Primary transfer ATVC control ATVC control Secondary transfer. T713 Order Item. This control may be of 2 types primary transfer ATVC and secondary transfer ATVC. E020 xx93 the result of computation by patch reading for patch detection is 522 or higher for 3 times

continuously. E020 xxA0 the SGNL value for ATR control is lower than 62. The machine uses the DC controller of the printer unit for the control. Test Print 2 It shows 64 gradations expressed by means of screening with a low number of lines, which is suitable for the expression of gradation and, therefore, is used for print film photo mode and when priority is placed on PDL. The primary charging bias may be either of 2 types of biases primary charging DC bias, grid DC bias. The bias is generated by the high voltage PCB 1 in response to a command from the DC controller, and is applied to the primary charging wire or the grid wire. The primary charging wire cleaner motor M26 is rotated in normal and reverse directions to turn the cleaner screw, causing the wire cleaner to move to the front or the rear for cleaning of the charging wire. The pre transfer charging bias may be either of 2 types of biases pre transfer charging DC bias, pre transfer charging AC bias. Housed inside the rotary are 3 types of color developing assemblies M, Y, C and color toner cartridges M, Y, C. When printing occurs, the developing rotary motor M5 rotates to turn the rotary counterclockwise so that one of the 3 color developing assemblies will come face to face with the photosensitive drum in sequence.

To prevent such disturbance, the machine moves the developing rotary to its home position so that a color developing cylinder will never be opposite the photosensitive drum. The following shows the position of Y toner cartridge access and point of M development. These color developing assemblies are of the same construction, the only difference being the color of toner dye supplied by individual toner cartridges. The color developing bias may be either of 2 types of biases color developing DC bias, color developing AC bias. These biases are generated by the high voltage PCB 2 in response to a command from the DC controller, and are applied to the color developing cylinder at specific timing. The supply path consists of 2 segments the path in the buffer assembly and the path to the color developing assembly. The toner supplied to the black developing assembly is fed from the hopper assembly. The following shows the construction and the functions of the black developing assembly F743 T717. As many as 2 motors are associated with the hopper assembly black toner supply motor M25 and hopper stirring motor M23, serving to adjust the amount of toner sent to the black developing assembly. The primary transfer assembly serves to transfer the toner image of the photosensitive drum to the ITB, while the secondary transfer assembly moves the image transferred to it onto paper. There are 3 types of primary transfer biases primary transfer DC bias, primary transfer DC reverse bias, primary transfer static eliminator bias, while there are 2 types of secondary transfer biases secondary DC bias, secondary transfer DC reverse bias. To bring the cleaner into contact with the belt, the DC controller drives the ITB cleaner shift motor M21 at the following timing of operation 1. The DC controller checks the location with reference to the output of the ITB cleaner home position sensor PS23. The DC controller controls the operation of M26 for the movement;

The DC controller drives the secondary transfer outside roller shift motor M20 to move the roller at the following timing of operation 1. It may be used for up to LTR size sub scanning direction, limited by the interval between 2 home position detection signals. The unit consists of 4 components, serving to clean the photosensitive drum in preparation for the next print cycle. The mechanism of collection involves the DC controller, which drives the development motor M3 to turn the screw inside the waste toner pipe. When you have slid out the process unit, check to see if any of the following parts is soiled with toner before fitting it back in;.

F7141 F7144 7.11.3.4 Removing the Primary Once you have released the hopper assembly, toner Charging Assembly can spill over the toner bottle supply mouth of the 00026213. Be sure to wipe off any such toner. F7165 2 Turn over the motor cover, and detach the pre transfer charging wire cleaning motor from the motor. Be sure to wipe off any such toner. Mounting the Photosensitive Drum Cleaning Unit 00038364 When mounting the photosensitive drum cleaning unit, take care not to rotate it in reverse direction to prevent soiling by the scoop up sheet. F7205 F7208 7.11.8.4 Removing the Pre Once you have released the hopper assembly, toner Transfer Charging Assembly can spill over the toner bottle

supply mouth of the 00032837. Developing Unit 00032839 Points to Note About the Work 1 The machines developing unit is not equipped with a developing cylinder protection cover. Take full care, therefore, not to damage the developing cylinder when you have detached the developing unit. Photosensitive Drum 00059072 If you have replaced the photosensitive drum, be sure to go through the following 1 Remove the drum heater and the drum heater PCB; then, mount them to the new photosensitive drum. See the following sample.

Moreover, take care not to drop the black developing assembly or otherwise subject it to impact so as to avoid damage to the potential sensor. When detaching the black developing assembly, be sure to work with the high voltage cable kept at the top of the assembly so that its connector will not damage the surface of the photosensitive drum. When Replacing the Drum Heater PCB 00062081 Drum memory can occur if the phase of the drum is changed, as when replacing the drum heater PCB. Take full care not to change the phase of the drum during the work by making sure of the following 1. F7483 4 Open the hopper assembly, and lift it to detach. 7.11.15.5 Removing the Black Toner Supply Motor 00026268. F7499 4 Open the hopper assembly, and lift it to detach. 7.11.16.5 Removing Hopper Stirring Motor. F7509 F7512 7.11.17.4 Sliding Once you have released the hopper assembly, toner Process Unit can spill over the toner bottle supply mouth of the 00032526. Do not touch the sensor fitting it back in;. Then, put the generated printout in the service book case. If there is any previous printout, dispose of it. 20 End service mode, and select auto gradation correction in sure mode; execute auto gradation correction full correction by going through the instructions on the screen. Developing Unit 00026286 Points to Note About the Work 1 The machines developing unit is not equipped with a developing cylinder protection cover. Also, take care not to drop or otherwise subject the black developing unit to impact to avoid damage to the potential sensor F7591 If you are replacing the black developing unit, you. Developing Unit 00036706 Points to Note About the Work 1 The machines developing unit is not equipped with a developing cylinder protection cover. Developing Cylinder 00036707 When mounting the developing cylinder, take care not to touch the surface of the cylinder. Also, take full care not to damage the surface. The machines black developing unit is equipped with a potential sensor.

F7781 F7784 7.11.27.4 Removing the Pre Once you have released the hopper assembly, toner Transfer Charging Assembly can spill over the toner bottle supply mouth of the 00057254. When Attaching the ITB 00026342 When attaching the intermediate transfer belt, take full care so that the belt will not be upside down. Although the figure shows the roller, it is only for reference purposes, and the roller is not in its indicated position at this point in time. The potential sensor unit includes the following 4 parts potential control PCB potential sensor potential sensor relay harness between relay. Developing Unit 00045172 Points to Note About the Work 1 The machines developing unit is not equipped with a developing cylinder protection cover. Developing Unit 00032668 Points to Note About the Work 1 The machines developing unit is not equipped with a developing cylinder protection cover. Take full care, therefore, not to damage the developing cylinder when you have detached the developing unit. F71090 Make sure that the ITB cleaner unit has been 7.11.40.8 Removing the ITB already removed. F71105 F71108 7.11.41.4 Removing the Pre Once you have released the hopper assembly, toner Transfer Charging Assembly can spill over the toner bottle supply mouth of the 00057262. F71120 Make sure that the ITB cleaner unit has been 7.11.41.8 Removing the ITB already removed. F71126 When detaching the roller, take care not to damage the surface of the ITB by the roller. The paper is stopped at the following points according to sources of paper. If the manual feed pickup unit is used as the source of paper or if the source of paper is the right deck and, at the same time, while the normal transfer speed is used i.e., variable speed control is executed, paper will not be stopped before registration T87. The index special guide must be fitted before using an index sheet. The cassette is set to a specific paper size using the cassette size dial.

When the cassette pickup motor goes on, the pickup roller starts to rotate to pick up paper. When

the cassette solenoid goes on, on the other hand, the pickup roller starts to leave the surface of paper. When the lifter sensor detects the surface of paper, on the other hand, the lifter stops to move up. When the last paper pickup roll rotates, the slit cut into the roll causes the output of the last paper sensor PS7 to take on a pulse wave form. When the deck pickup motor goes on, the pickup roller starts to rotate to pick up paper. The pickup roller leaves the paper when the deck pickup solenoid SL6, SL7 goes on. The left and right front decks may be switched to A4, B5, or LTR as follows

- 1 Change the position of the paper size guide plates of the deck. The registration assembly is equipped with 3 sensors registration sensor PS9, transparency sensor front; PS3, and transparency sensor rear;. The paper is also butted against the duplexing left roller so that it arches. Paper will never stop in the duplexing right feeding assembly. PS14 Rotation in normal direction F853
- 2 A specific period of time after the reversal sensor PS14 goes on, the duplexing reversal motor M10 rotates in normal direction;. Rotation in reverse F855
- 4 When the leading edge of preceding paper moves past the curl removing roller by 20 mm, the reversal shifting solenoid SL3 goes on to move away the reversal 1 roller in preparation for the arrival of the following paper. Deck Pickup Unit 00029781
- 1 Slide out the right deck. F8157 F8154 8.11.20.7 Points to Note When Mounting the DC Controller 8.11.20.6 Removing the DC 00057217 Controller Box 00038714. Stat key STBY PRINT. Stat key STBY PRINT LSTR STBY Fixing main heater H1 Fixing sub Controlled to 200 deg. T94 Paper type Fixing speed Mono color print plain paper. The sub thermistor mounted in contact with the edge of the roller is used to detect overheating at the edge of the roller, which can occur when small size paper e.g.

, A4R is move past continuously. The outside heating roller, on the other hand, is heated by the outside heating roller heater H4. To start up the rollers in the shortest time possible under this limit, the fixing heater H1 and the pressure heater H3 are turned on alternately. The machine, therefore, uses the fixing main heater H1, which has high output, and executes temperature control at 200 deg C. The web is fed coinciding with the detection of the leading edge of paper by the registration sensor PS9 while printing is under way. While the message is on the LCD, the fixing roller is under temperature control, and the outside heating roller is in contact with the fixing roller, i.e., the web retaining pad is away from the web. T911 Main middle Sub end The thermal switch TP1, TP2, TP3 has an open circuit. The heater H1, H2, H3, H4 has an open circuit. The DC controller PCB is faulty. F978 When mounting the outside heating roller heater, F976. F9202 F9200 9.6.14.4 Attaching the Fixing. Fixing Web 00029572

1. After attaching the web, take up its slack so that there will be no slack when the web unit is fitted in the fixing assembly. The data goes through the control panel CPU PCB for display on the color LCD. 10.1.3 LCD Contrast Adjustment 00032957 The machine s keypad PCB is equipped with a contrast adjustment volume VR6801 to enable the user to adjust. The following shows the counters and the settings made at time of shipment from the factory T101 Model. The power to accessories is also controlled by the printer power supply PCB. The following shows the functions of PCBs associated with power supply T1014 Name. Be sure to wipe off any such

- 10.5.3.1 Removing the Right toner. F10136
- 10.5.19 Delivery Cooling Fan 1 F10138
- 10.5.19.1 Removing the Left 10.5.19.3 Removing the Left. F10144
- 10.5.20.2 Removing. F10154
- 10.5.23.2 Removing. Parts name Parts No. Replace them as needed by referring to the table of estimated lives expressed in terms of the number of prints they make.

Parts name	Parts No.	Qty	Interval	Remarks
Feed roller manual feed	FB1	8581	000	120,000 prints
Separation roller manual feed	FB5	0873	000	120,000 prints
ITB cleaner scoop up sheet	FL2	0411	000	150,000 prints
Secondary transfer static eliminator holder.				Check with the Service Book before setting out for a scheduled service visit, and take parts for which replacement is expected. With the power switch at ON, push the test switch of the leakage breaker to see that it operates normally i.e., the breaker switch shifts to the OFF side to cut off the power. Photosensitive drum Shifting the adjustment
250,000 imgs photosensitive drum.	F1110	2		The drum phase position is identified by means of a marking of 1 to 4 dots on the flange. Measure the voltage PRCNT at. Photosensitive Drum

00048937 If you have replaced the photosensitive drum, be sure to go through the following 1 Remove the drum heater and the drum heater PCB;. When Replacing the Drum Heater 00061891 Drum memory can occur if the phase of the drum is changed, as when replacing the drum heater. Take full care not to change the phase of the drum during the work by making sure of the following 1. F1271 When you have replaced the primary transfer roller, be sure to execute the following service mode item. If moist, try paper fresh out of package. 13.1.3 Checking the Placement of Paper 00016077 a. Check the paper for a bent leading edge, curling, waving, and moisture. As necessary, try transparencies of a type recommended by Canon to see if the problem, if any, is corrected.. Check to see that there is the rated AC voltage at the power outlet. Check to see that the sensors, clutches, motors, and solenoids operate normally. Check the connectors for poor contact. The data for these test prints is prepared by the main controller if the output of a test print is free of the fault in question, suspect a fault on the PDL input or the reader unit. The presence of a bottle is wrongly detected in the absence of a bottle.

As a result, the ratio of toner to carrier will increase, causing the leading edge of the image to become darker because of the extra toner from the developing cylinder as when a solid color image is produced. Field Remedy Take out the color developing assembly in question from the machine, and fit its lid so that there is no gap. The uneven density tends to be conspicuous in color half tone images. The uneven density tends to be found at the same area in all colors. The presence of such carrier causes electrical discharge during primary transfer in the 2nd and subsequent colors, causing the polarity of the M toner on the intermediate transfer belt to reverse. Moreover, the machines controller possesses characteristics that tend to amplify a minute difference in an area of high density, causing any change in an area of a solid C original to be amplified and its print to show a coarse image. Perform step 1. Execute auto gradation correction full in user mode. This symptom tends to be most conspicuous when a C mono color image is copied. F1323 Memo When the primary transfer roller becomes worn, shavings from its surface will likely move on the intermediate transfer belt to reach all rollers inside the intermediate transfer unit. Cause The scoop up sheet of the photosensitive drum cleaner bends over at time of replacement, scraping the surface of the photosensitive drum in the form of lines. The photosensitive drum must always be rotated in counterclockwise direction only, NEVER in clockwise direction. Execute auto gradation correction full in user mode. Field Remedy 1. Replace the primary transfer roller. 2. Once this phenomenon occurs, the cleaning blade tends to fail to remove all residual toner from the belt, permitting some additive to remain and stick to the ITB, leading to white spots in images. Explanation This symptom is noticeable in color prints of halftone images, but is absent in mono color prints.

A service mode item is also offered as a remedy against this system. The dent in turn tends to collect oil from the belt, resulting in oil lines when paper of a larger size is used. Step 1 Clean the photosensitive drum as follows 1 Draw out the process unit. Note Make copies using the CA 1 Test Chart and an appropriate original of the user. If the image contrast has adversely been affected, increase the setting using the foregoing service mode item range of settings 31 and 49. Description This symptom tends to be conspicuous when an image with a high color ratio is copied. Field Remedy Correct the location at which the plates are screwed in place. T1310 Name Connector No Notation Parts No. PART CHK E code FM13 Reader cooling fan cools the reader assembly FH5 1061 T1316 Connector No. T1321 Name Description Notation Parts No. PART CHK E code Fixing main heater main heater controls the fixing roller temperature FK2 0043100V E000,E001,E004 FK2 0048120V FK2 0053230V Fixing sub heater sub heater controls the fixing roller temperature FK2 0044100V E000,E001,E004 FK2 0049120V FK2 0054230V PART CHK E code ELCB1 Leakage breaker leakage breaker FK2 0151100V FK2 0152120V FK2 0150230V HDD1 Hard disk holds programs, images WM2 5208 E602,E606 LED1 Pre exposure LED removes residual charges from the photosensitive drum FK2 0005 scanning lamp illuminates originals. The following is a compilation of error codes, with descriptions of how they are identified and possible causes. Settings

from the Additional Functions screen is set to Use security auth.. Communications that take longer than the preset 2. The SMTP server returned an error while trying to 1. Confirm that the POP server is functioning normally. Ask the sender to resend the received. The following is a compilation of error codes, with descriptions of how they are identified and possible causes.

There is an open circuit or poor contact in the following main thermistor THM1, THM2, THM3, sub thermistor THM4, THM5, THM6, or heater H1, H2, H3, H4. There is an open circuit or poor contact in the main thermistor THM1, THM2, THM3, thermal switch TP1, TP2, TP3, or heater H1, H2, H3, H4. There is an open circuit or poor contact in the main thermistor THM1, THM2, THM3 or sub thermistor TH4, THM5, THM6. The outside heating roller shift motor M22 is faulty. The outside heating roller HP sensor PS21 is faulty. The DC controller PCB is faulty. 00FF The outside heating roller remains in Check the outside heating roller shift motor and the. Turn off and then on the main power. The motor rotates out of sync because of poor torque caused by any of the following The developing rotary HP sensor is faulty;. Or, the limiter goes on. 0001 When forming an image, the potential is 10 V or less during initial rotation. Turn off and then on the main power. Check the power supply harness connector for connection; then, as necessary, replace the power supply. 0002 At the start of a job, the 24V port is off. Replace the DF with one of an appropriate type. 14.3.39 E500 00050304 T1441 Code. Is the sensor normal. Please do not offer the downloaded file for sell only use it for personal usage. Looking for other manual For this no need registration. May be help you to repair. You could suffer a fatal electrical shock. Instead, contact your nearest service center. Note! To open downloaded files you need acrobat reader or similar pdf reader program. In addition, Also some files are djvu so you need djvu viewer to open them. These free programs can be found on this page needed progs If you use opera you have to disable opera turbo function to download file. If you cannot download this file, try it with CHROME or FIREFOX browser. Translate this page Relevant PRINTER forum topics Canon FC220 fenymasolo Sziasztok! A fenti hordozható fenymasólot próbálták már valahol javítani, de nem tudták sikeresen.