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SERVICE MANUAL for the *Kodak EasyShare* C713 ZOOM DIGITAL CAMERA Service Code: 3710 *Kodak EasyShare* CD703 ZOOM DIGITAL CAMERA Service Code: 9256



Qualified service personnel must repair this equipment.



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Section 1: Illustrated Parts List

Necessary Materials

Primary Tools

Description	Part No.
ESD MAT	Region Provided
SCREWDRIVER - Phillips, No. 00 x 40 mm (1.57 in.)	TL-5429
SCREWDRIVER - Phillips, No. 000 x 40 mm (1.57 in.)	TL-5430
SCREWDRIVER - Phillips, No. 2 x 40 mm (1.57 in.)	TL-5431
SCREWDRIVER - Phillips, No. 0 x 50 mm (1.97 in.)	TL-5432
SCREWDRIVER - Milwaukee, cordless, with battery and charger, optional	TL-5424
BATTERY for a POWER SCREWDRIVER - 2.4 V, optional	TL-5422
HEX ADAPTER - 0.40 mm (0.02 in.) bit, optional	TL-5421
BIT - power, 00 x 80 mm (3.14 in.), 4 mm (0.15 in.) drive, optional	TL-5423
TWEEZERS - 2	TL-1207
TWEEZERS - special	TL-5338
STATION - soldering, for solder with no Pb	Region Provided
SOLDERING IRON - 35 W, 188 - 204ºC (370 - 400ºF)	TL-2818
STATION - Weller, soldering, 50 W, optional	TL-5412
TIP - soldering iron, standard ST1, optional	TL-5413
TIP - soldering iron, single flat ST5, optional	TL-5414
TIP - soldering iron, conical ST7, optional	TL-5415
SOLDER REMOVAL TOOL	Region Provided
FLASH CAPACITOR DISCHARGE TOOL - resistor minimum, 6.8 k Ω	TL-5337
DIGITAL VOLTMETER	TL-4114
DC POWER SUPPLY - 0 - 12 V, 5.0 A with clip leads, ez or alligator	Region Provided
AIR HOSE - optional	Region Provided
Kodak LENS CLEANING PAPER	Region Provided
Kodak LENS CLEANER	1C8000
COVER CLEANER - Johnson SHINE-UP FURNITURE WAX	TL-5182
Computer:	Region Provided
Microsoft Windows XP OPERATING SYSTEM	
• <i>IBM</i> COMPUTER or compatible, with a <i>Pentium</i> PROCESSOR, 2.0 GHz or higher	
• 512 MB RAM	
• 40 GB hard disk space	
CD-ROM DRIVE	
USB PORT	
• 53 cm (21 in.) color MONITOR	
access to the INTERNET	
Color VIDEO MONITOR	Region Provided
FEEDBACK SOFTWARE	Region Provided
LIGHT BOX - Arrowin LBF, 2001	Region Provided
LAMP - Arrowin LBF, 2001 light box, EVC/FGX, Phillips, 6958	Region Provided

Description	Part No.
PAINT - gray, 18%, interior flat	Region Provided
	Vendor:
	RC Shaheen
	1400 St. Paul Blvd.
	Rochester, NY 14621
	Telephone: 585-266-1500
	MUR1597
TARGET - gray, 18%, with hook and loop tape	TL-5931
GEN 3 CUSTOM TEST FIXTURE	TL-5912
SHROUD - GEN 3 CUSTOM TEST FIXTURE - optional	TL-5910
TRIPOD - Bogen, Model 3021s	TL-5176
TRIPOD HEAD - Bogen, Model 3047	TL-5206
OPTRONICS PHOTOMETER/DETECTOR - Graseby	Region Provided
COLOR TEMPERATURE METER - Gossen Color Pro 3F, or equivalent	Region Provided
AUTO METER VF - Konica Minolta	Region Provided
TAPE - masking	Region Provided

Special Tools

Description	Part No.
Kodak Ni-MH RECHARGEABLE DIGITAL CAMERA BATTERY KAA2HR -	815 6572
2100 mA-hour	
Kodak EasyShare CAMERA DOCK SERIES 3 or	851 2089***
Kodak EasyShare CAMERA DOCK 6000 and	3F6448***
Kodak DOCK ADAPTER KIT D-22	175 6824***
INSERT - series 3 dock	3F9934***
USB CABLE, 8-pin, Model U-8, for Kodak EasyShare DIGITAL CAMERAS	195 5137
SERVICE SOFTWARE - "Reset"	*
Firmware file "kc713.fw"	**
Kodak EasyShare SOFTWARE, Version 5.0.2, 5.1, or 5.2	Region Provided

* This file is on the Kodak Partner Site.

** This file is on the Kodak.com Web Site.

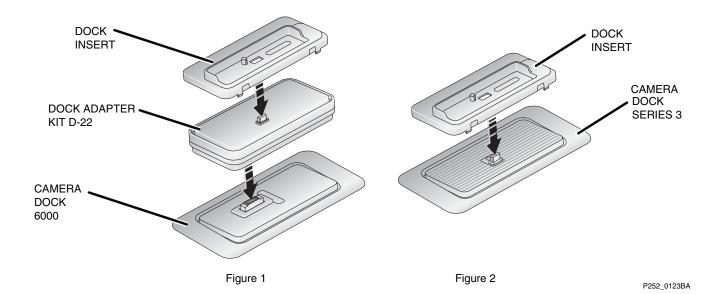
*** See <u>"Configurations for the CAMERA DOCK" on Page 5</u>.

Configurations for the CAMERA DOCK



The Kodak EasyShare C713 ZOOM DIGITAL CAMERA is compatible with:

- Kodak EasyShare CAMERA DOCK 6000 with the Kodak DOCK ADAPTER KIT D-22 installed
- Kodak EasyShare CAMERA DOCK SERIES 3
- other 26-PIN DOCKS and PRINTER DOCKS



Reference Table for New CAMERAS

Use the following catalog numbers to order a replacement CAMERA if the CAMERA is under warranty and cannot be repaired, or to order a MASTER CAMERA.

C713

Region	Language	Color	Catalog or Part No.
Americas and Canada - SENSORMATIC and	English	White	181 3054
CHECKPOINT TAGS	French	Beige	804 3580
	 Spanish 	Pink	159 0363
	Portuguese		
Europe, Africa, and the Middle East	English	Beige	142 1981
	French		
	German		
	Dutch		
	 Italian 		
	 Spanish 		
	 Portuguese 		
	Russian		
	Turkish		
	Polish		
	Greek		
Greater Asia	English	Beige	850 0225
	Chinese		
	 simplified 		
	- traditional		
	 Korean 		
	• Thai		
Kodak Service & Support - retail, class B	English	White	801 9887
		Beige	862 6087
		Pink	158 4077
Kodak Service & Support - bulk, class A	English	White	2F7046
		Beige	2F7045
		Pink	2F7489

CD703

Region	Language	Color	Catalog or Part No.
Latin America	English	White	817 0110
	French		
	 Spanish 		
	 Portuguese 		
Kodak Service & Support - retail, class B	English	White	803 8275
Kodak Service & Support - bulk, class A	English	White	4F8600

Reference Table for Adjustment Procedures

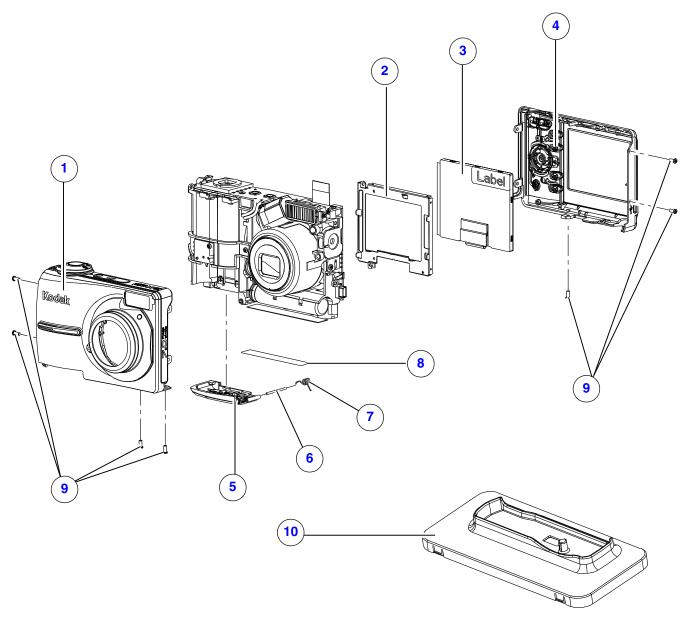
After installing:	Do:
MONITOR LCD	Memory - "Reset" on Page 17

Equipment Parts

Caution

- Dangerous Voltage
- Before you remove the BACK COVER AY, you must remove, if installed:
 - MEMORY CARD
 - BATTERY
- To remove the FRONT COVER AY, you must first move the MODE DIAL to the "Favorites" position.
- You must do a discharge of the STROBE CAPACITOR after you remove the FRONT COVER AY.

Figure 1 COVER, MONIITOR LCD and BATTERY DOOR AYs



P291_2000DCA P291_2000DC

Figure 1 COVER, MONITOR LCD and BATTERY DOOR AYs				
Item	Part No.	Description	Quantity	Notes
1	2F7040	COVER AY - front, white	1	
	2F7039	COVER AY - front, beige	1	
	2F7486	COVER AY - front, pink	1	
2	3F9933	HOLDER - monitor LCD	1	See the <u>"MONITOR LCD" on Page 19</u> .
3	3F9932	MONITOR LCD - Toppoly	1	See the <u>"MONITOR LCD" on Page 19</u> .
	2F7109	MONITOR LCD - AUO V7	1	
	2F7110	MONITOR LCD - AUO V9	1	
	2F7111	MONITOR LCD - AUO VE	1	
	2F7112	MONITOR LCD - AUO VJ	1	See the Note.
4	2F7042	COVER AY - back, white	1	
	2F7041	COVER AY - back, beige	1	
	2F7487	COVER AY - back, pink	1	
	4F8599	COVER AY - back, white, CD703	1	
5	3F9930	DOOR AY - battery, white	1	
	2F7043	DOOR AY - battery, beige	1	
	2F7184	DOOR AY - battery, pink	1	
6	3F9935	HINGE - battery door	1	
7	3F9936	SPRING - battery door	1	
8	2F7044	LABEL - power, white	1	
	2F7488	LABEL - power, pink	1	
9	3F9937	SCREW - tapping, 1.7 x 4.0, Ni	7	
10	3F9934	DOCK INSERT	1	
	3F6311	STRAP - wrist, silver	1	Not visible in the graphic.
	3F6204	FUSE - 1.25A, F1, F2	1	On the STROBE BOARD.
	3F6205	FUSE - 2.5A, F3	2	On the STROBE BOARD.

Note

- For MONITOR LCD AUO VH, use part number 2F7112
- The CD703 DIGITAL CAMERA uses:
 - MONITOR LCD part number 2F7112 only
 - all other parts for the white CAMERA

Section 2: Alphabetical Index

Part No.	Description	Figure No.
2F7041	COVER AY - back, beige	1
2F7487	COVER AY - back, pink	1
2F7042	COVER AY - back, white	1
4F8599	COVER AY - back, white, CD703	1
2F7039	COVER AY - front, beige	1
2F7486	COVER AY - front, pink	1
2F7040	COVER AY - front, white	1
3F9934	DOCK INSERT	1
2F7043	DOOR AY - battery, beige	1
2F7184	DOOR AY - battery, pink	1
3F9930	DOOR AY - battery, white	1
3F6204	FUSE - 1.25A, F1, F2	1
3F6205	FUSE - 2.5A, F3	1
3F9935	HINGE - battery door	1
3F9933	HOLDER - monitor LCD	1
2F7488	LABEL - power, pink	1
2F7044	LABEL - power, white	1
2F7109	MONITOR LCD - AUO V7	1
2F7110	MONITOR LCD - AUO V9	1
2F7111	MONITOR LCD - AUO VE	1
2F7112	MONITOR LCD - AUO VJ	1
3F9932	MONITOR LCD - Toppoly	1
3F9937	SCREW - tapping, 1.7 x 4.0, Ni	1
3F9936	SPRING - battery door	1
3F6311	STRAP - wrist, silver	1

Alphabetical Index

Section 3: Diagnostics

Error Codes

E00

Description	Recommended Action
A communication error occurred between the MCU and the 16-BIT MAIN CPU.	1. Do <u>"Upgrading the Firmware Using the MEMORY CARD" on</u> Page 22.
	2. If the error occurs again, do a replacement of the CAMERA.

E12

Description	Recommended Action
An error occurred when the LENS was retracted after energizing the CAMERA.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E14

Description	Recommended Action
An error occurred when the LENS was extended after energizing the CAMERA.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E15

Description	Recommended Action
An error occurred when the STEP MOTOR was reset after energizing the CAMERA.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E20

Description	Recommended Action
An error occurred when the CAMERA was writing to the NANDFLASH memory.	1. Do <u>"Upgrading the Firmware Using the MEMORY CARD" on</u> <u>Page 22</u> .
	2. If the error occurs again, do a replacement of the CAMERA.

E22

Description	Recommended Action
An error occurred when the LENS was retracted after de-energizing the CAMERA.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E25

Description	Recommended Action
An error occurred when the STEP MOTOR was reset after de-energizing the CAMERA.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E41

Description	Recommended Action
An error occurred when the LENS was retracting.	 Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

E81

Description	Recommended Action
An error occurred when the LENS was extending.	1. Check the FPC CABLE from the MOTOR to the CONNECTOR J2 on the MAIN BOARD.
	2. If the error occurs again, do a replacement of the CAMERA.

Checkout Procedures

Checking the General Functions of the CAMERA



- Dangerous Voltage
- Do these procedures before returning the CAMERA to the customer.
- [1] Install the 5 V AC ADAPTER to:
 - CAMERA DOCK
 - main power
- [2] Connect the CAMERA DOCK to the computer with the USB CABLE.
- [3] If installed, remove the BATTERY from the CAMERA.
- [4] Install the CAMERA on the CAMERA DOCK. See <u>"Configurations for the CAMERA DOCK" on Page 5</u>.
- [5] Check:
 - STATUS LED on the CAMERA DOCK illuminates green
 - · LEDs for the BATTERY on the CAMERA DOCK do not illuminate
- [6] Remove the CAMERA from the CAMERA DOCK.
- [7] Install:
 - Ni-MH RECHARGEABLE BATTERY into the CAMERA
 - CAMERA on the CAMERA DOCK
- [8] Check:
 - STATUS LED on the CAMERA DOCK illuminates green
 - one or more of the LEDs for the BATTERY on the CAMERA DOCK illuminate green
- [9] Remove the CAMERA from the CAMERA DOCK.
- **[10]** Energize the CAMERA.
- [11] Check that the CAMERA energizes.
- [12] De-energize the CAMERA.
- [13] Remove the BATTERY from the CAMERA.
- [14] Insert the MEMORY CARD into the CAMERA.
- [15] Install the CAMERA on the CAMERA DOCK. See "Configurations for the CAMERA DOCK" on Page 5.
- [16] Rotate the MODE DIAL to the "AUTO" position.
- [17] Energize the CAMERA.
- [18] Check that an error code does not display.
- [19] De-energize the CAMERA.
- [20] Remove the CAMERA from the CAMERA DOCK.
- [21] Install a new BATTERY that has a full charge into the CAMERA.
- [22] Energize the CAMERA.
- [23] Check that an error code does not display.

[24] Check the following BUTTONS and SWITCHES:

BUTTON/SWITCH	Do:
• "menu"	1. Press the "menu" BUTTON.
• 4-WAY	2. Check that the MONITOR LCD illuminates and displays options.
• "OK"	3. Press:
SHUTTER	 4-WAY BUTTON up or down to move through the menu
	"OK" BUTTON to select an option
	 "OK" BUTTON again to return to the screen before
	"menu" BUTTON to quit
	• "menu" BUTTON again
	SHUTTER BUTTON
	4. Check:
	CAMERA quits the menu
	image is captured
	 image displays on the MONITOR LCD
• "review"	1. Press the "review" BUTTON.
• "share"	2. Check that the MONITOR LCD illuminates.
	3. Press the SHUTTER BUTTON.
	4. Check:
	CAMERA quits the "Review" mode
	image is captured
	 image displays on the MONITOR LCD
	5. Press:
	"review" BUTTON
	 4-WAY BUTTON left and right to display images
	• "share" BUTTON
	6. Check that options display.
	7. Press:
	"share" BUTTON
	 "review" BUTTON to quit
FLASH	1. Press the FLASH BUTTON.
	2. Check that the MONITOR LCD illuminates.
	3. Press the FLASH BUTTON again 3 times to check that the "Flash" icon
	changes to:
	• "Auto Flash"
	• "Fill Flash"
	"Red Eye"
	• "Flash Off"
	4. Press the SHUTTER BUTTON.
	5. Check:
	 image is captured without the FLASH
	 image displays on the MONITOR LCD

BUTTON/SWITCH	Do:
"delete"	1. Press:
	"review" BUTTON
	"delete" BUTTON
	2. Check that options display.
	3. Select the "EXIT" option.
	4. Press:
	 "OK" BUTTON to quit the "delete" screen
	 "review" BUTTON to return to the "Auto" mode
	 "review" BUTTON again
	"delete" BUTTON
	 SHUTTER BUTTON to capture an image
	5. Check:
	CAMERA quits the "delete" screen
	image is captured
	 image displays on the MONITOR LCD
	6. Immediately press the "delete" BUTTON.
	7. Use the 4-WAY BUTTON to select "YES".
	8. Press:
	"OK" BUTTON
	"review" BUTTON
	9. Use the 4-WAY BUTTON to check that the image is deleted.
	10. Press the "delete" BUTTON.
	11. Use the 4-WAY BUTTON to select "PICTURE".
	12. Press:
	"OK" BUTTON to delete the image
	 "OK" BUTTON again to select "EXIT"
	13. Use the 4-WAY BUTTON to check that the image is deleted.
	14. Press the "review" BUTTON to quit.

[25] Press:

- 4-WAY BUTTON left and right to check that the exposure value changes
- ZOOM BUTTON to the "Tele" position
- SHUTTER BUTTON to capture an image
- [26] Check that the MONITOR LCD displays the image.
- [27] After the image process completes, check that the MONITOR LCD displays:
 - icons:
 - "Flash" mode
 - quality of the image
 - type of memory
 - "Zoom" mode
 - exposure value
 - number of additional images that can be captured

[28] Check the positions of the MODE DIAL.

After moving the MODE DIAL to:	Do:
"Video"	1. Check:
	 "Video:" displays on the MONITOR LCD
	FRAMING MARKS are disabled
	2. Press and release the SHUTTER BUTTON.
	3. During the video recording, check:
	 "REC" on the MONITOR LCD flashes
	 recording time displays on the MONITOR LCD
	4. Speak some words during the video recording.
	5. Press and release the SHUTTER BUTTON.
	6. Check that the MONITOR LCD displays "Press "Down" button to play video".
	7. Press the 4-WAY BUTTON down.
	8. Check that the video begins to play back.
	9. Press the "OK" BUTTON.
	10. Check that the video stops.
	11. Press the "delete" BUTTON.
	12. Check that the MONITOR LCD displays "Delete Video" for an option.
	13. Press the "delete" BUTTON to quit.
	14. Check that the MONITOR LCD illuminates in "Liveview" mode.
"Favorites"	1. Check that "Entering Favorites" displays on the MONITOR LCD.
	2. Press the "menu" BUTTON.
	3. Check that the MONITOR LCD displays options.
	4. Press:
	"menu" BUTTON to quit
	"review" BUTTON
	5. Move the MODE DIAL to the "AUTO" position.

Checking the Firmware Version, ACTUATION, FLASH, and POWER-ON COUNTERS

- [1] Energize the CAMERA.
- [2] Press:
 - "menu" BUTTON
 - 4-WAY BUTTON up once to place the cursor on "SETUP MENU"
 - "OK" BUTTON to select "SETUP MENU"
 - 4-WAY BUTTON up once to place the cursor on "ABOUT..."
 - "OK" BUTTON to select "ABOUT ... "
- [3] Check the firmware version.
- [4] At the same time, press:
 - "delete" BUTTON
 - 4-WAY BUTTON to the right
- [5] Use the 4-WAY BUTTON to select "TOTAL INFO".

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- [6] Press the "OK" BUTTON.
- [7] Read what displays on the MONITOR LCD:

Display	Description
"ID"	Serial Number
"BV"	Boot Code Version
"MV"	Microprocessor Code Version
"CS"	Actuations
"CF"	Strobe Count
"CP"	Power-on Count

- [8] Press:
 - 4-WAY BUTTON to the left 2 times
 - "menu" BUTTON to quit

Checking the Communication and Audio Functions

- [1] Check that the CAMERA DOCK is connected to the computer with the USB CABLE.
- [2] Install the CAMERA on the CAMERA DOCK.
- [3] Press the TRANSFER BAR on the CAMERA DOCK.
- [4] Download the images and the video file with the USER SOFTWARE.
- [5] Check the quality of the images.
- [6] To check for the correct operation of the MICROPHONE during the video recording, play back the video file on the computer and listen to the audio file.

Note

If successful, the DOCK CONNECTOR on the CAMERA is operating correctly.

- [7] Remove the CAMERA from the CAMERA DOCK.
- [8] Connect the CAMERA to the computer with the USB CABLE for the CAMERA.
- [9] Download the 2 images with the USER SOFTWARE.

D Note

If successful, the USB CONNECTOR on the MAIN BOARD is operating correctly.

[10] De-energize the CAMERA.

Checking the External Components of the CAMERA

- [1] Check the COVERS of the CAMERA for scratches.
- [2] If necessary, install new COVERS.
- [3] Clean:
 - COVERS
 - SCREEN on the MONITOR LCD
 - FLASH COVER
- [4] Check and clean the LENS.

Section 4: Adjustments

Memory - "Reset"

Adjustment Specification



- Dangerous Voltage
- Do not use the CAMERA DOCK in this procedure.

Purpose:	To set the values to the defaults.
Do When:	After installing a new MONITOR LCD.
	 Doing a reset might initialize the correct operation of the CAMERA.
Specification:	The settings are set to the defaults.
	• 3 "DEMO PHOTOS" are installed in the memory of the CAMERA.
Special Tools:	Computer with a MEMORY CARD READER/WRITER
	BATTERY with a full charge
	MEMORY CARD

Prerequisites:

None

To Check:

You cannot check this adjustment.

To Adjust:

- [1] Do "Preparing the "C713 Reset" MEMORY CARD" on Page 21.
- [2] Insert into the CAMERA:
 - BATTERY with a full charge
 - "C713 Reset" MEMORY CARD
- [3] Rotate the MODE DIAL to "Auto".
- [4] Energize the CAMERA.
- [5] If the MONITOR LCD displays "Date and time have been reset", select "CANCEL".
- [6] Check that "Script Loading..." displays on the MONITOR LCD.

Note

When the adjustment is completed, the CAMERA de-energizes.

- [7] Remove from the CAMERA:
 - MEMORY CARD
 - BATTERY
- [8] Install the BATTERY into the CAMERA again.
- [9] Energize the CAMERA.

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[10] Does the MONITOR LCD display the "Languages" screen?

Yes	No
	a. De-energize the CAMERA.
	b. Remove the BATTERY.
	c. Install the BATTERY.
	d. Energize the CAMERA.
	e. If the MONITOR LCD does not display the "Languages" screen, do <u>Step 1</u> - <u>Step 10</u> again.
	f. De-energize the CAMERA.
	g. Energize the CAMERA.
	h. If the MONITOR LCD does not display the "Languages" screen again, do a replacement of the CAMERA.

Postrequisites:

None

Section 5: Replacements

MONITOR LCD

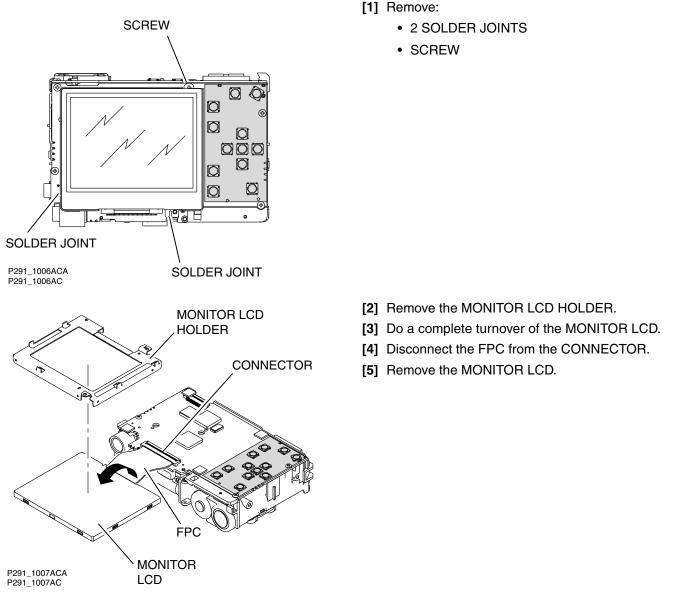
Prerequisites:

[1] Does the CAMERA energize?

Yes	No
Do the procedure <u>"Determining the Type of MONITOR LCD" on Page 23</u> .	Continue with Step 2.

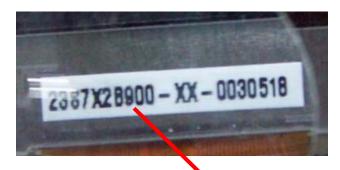
[2] Remove the BACK COVER AY - see the "Equipment Parts" on Page 7.

To Remove:



[6] Is the information about the MONITOR LCD visible on the front of the MONITOR LCD?

Yes	No		
 The type is AUO. 	The type is <i>Toppoly</i> .		
 Continue with <u>Step 7</u>. 	• The information is on the back of the MONITOR LCD.		
	Advance to <u>Step 8</u> .		



 [7] For *AUO*, determine the type from the 8th number in the serial number.

Type of MONITOR LCD				
"AOU_V7"				
"AOU_V9"				
"AOU_VE"				
"AOU_VJ"				

[8] View and record the information about the MONITOR LCD.

To Install:

- [1] Use the same type of MONITOR LCD that was removed.
- [2] Do <u>Step 5</u> <u>Step 1</u> in the removal procedure.

Postrequisites:

None

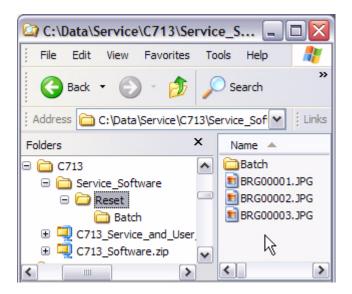
Section 6: Additional Service Procedures

Downloading the Files from the Partner Site



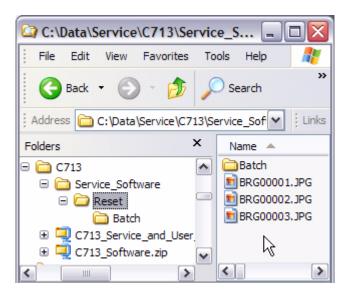
Important

- Only the service software is included on the Kodak Partner Site.
- You must obtain the firmware file from the Kodak.com Web Site.
- [1] From the Kodak Partner site, download the software and firmware files from *Kodak EasyShare* C713 ZOOM DIGITAL CAMERA Software.
- [2] Right-click the file "C713_Software.zip".
- [3] Select WinZip>Extract to here.



- [4] Open the folders:
 - "Service_Software"
 - "Reset"
- [5] Check for:
 - "Batch" folder
 - 3 ".JPG" files

Preparing the "C713 Reset" MEMORY CARD



- [1] From the files you obtained from the <u>Downloading</u> the Files from the Partner Site, open the folders:
 - "Service_Software"
 - "Reset"
- [2] Make a copy of the folder "Batch" and the 3 files to a blank MEMORY CARD.
- [3] Label the MEMORY CARD "C713 Reset".

Upgrading the Firmware Using the MEMORY CARD

- [1] From the "Support Center" of the Kodak.com Web Site, download the highest version of the firmware file.
- [2] When downloading is complete, double-click the "xxx.exe" firmware file to decompress it to the "kc713.fw" file.
- [3] Energize the CAMERA.
- [4] Press the "menu" BUTTON.
- [5] Check that "AUTO" is selected for the "IMAGE STORAGE".
- [6] Press the "menu" BUTTON to quit.
- [7] De-energize the CAMERA.
- [8] Insert the MEMORY CARD into a CARD READER/WRITER.
- [9] Delete all of the files and folders on the MEMORY CARD.
- [10] Make:
 - folder in the root directory on the MEMORY CARD with the name "system"
 - copy of the "kc713.fw" firmware file to the "system" folder on the MEMORY CARD
- [11] Remove the MEMORY CARD from the CARD READER.



Dangerous Voltage

[12] Are you using the CAMERA DOCK to energize the CAMERA?

Yes	No		
a. Insert the MEMORY CARD with the firmware file into the CAMERA.	Insert into the CAMERA: • BATTERY that has a full charge		
b. If necessary, remove the BATTERY from the CAMERA.	MEMORY CARD with the firmware file		
c. Install the 5 V AC ADAPTER to:			
CAMERA DOCK			
 source of power 			
d. Install the CAMERA on the CAMERA DOCK. See <u>"Configurations for the CAMERA DOCK" on Page 5.</u>			

[13] Check that the MODE DIAL is not in the "Favorites" position.



Do not rotate the MODE DIAL after energizing.

- [14] Energize the CAMERA.
- [15] Select:
 - "UPGRADE"
 - "CONTINUE"
- **[16]** Check that downloading:
 - begins
 - completes
- [17] Select "EXIT".
- [18] De-energize the CAMERA.
- [19] Remove:
 - CAMERA from the CAMERA DOCK
 - MEMORY CARD from the CAMERA
- [20] Install the CAMERA onto the CAMERA DOCK again.

- [21] Energize the CAMERA.
- [22] Press the "menu" BUTTON.
- [23] Select:
 - "SETUP MENU"
 - "ABOUT"
- [24] Check:
 - firmware on the CAMERA is the correct version
 - CAMERA operates correctly
- [25] De-energize the CAMERA.

Determining the Type of MONITOR LCD

The CAMERA Energizes

- [1] Do <u>Step 1</u> <u>Step 4</u> of the procedure <u>"Checking the Firmware Version, ACTUATION, FLASH, and POWER-ON</u> <u>COUNTERS" on Page 15</u>.
- [2] Use the 4-WAY BUTTON to select "FIRMWARE VERSION".
- [3] Press the "OK" BUTTON.



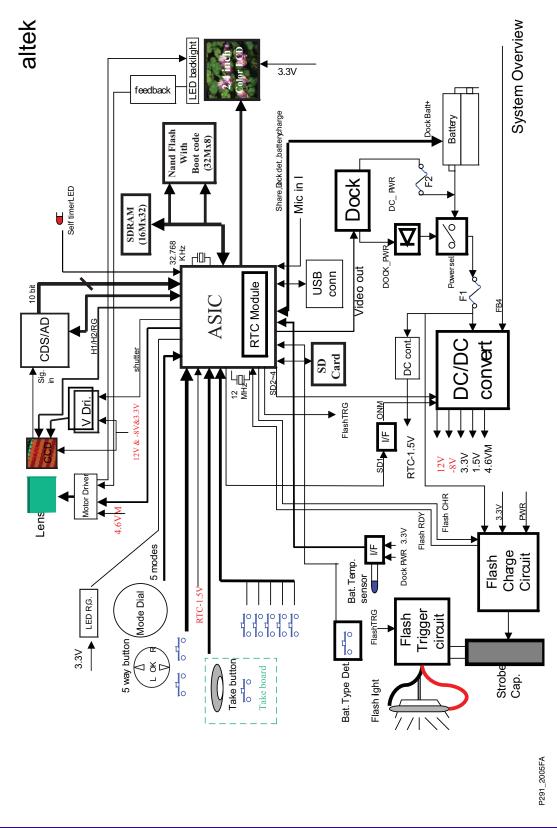
- [4] View and record the information about the MONITOR LCD on the "FIRMWARE VERSION" screen to determine the type of MONITOR LCD to install.
- [5] De-energize the CAMERA.
- [6] To do a replacement of the MONITOR LCD, continue with "MONITOR LCD" on Page 19.

The CAMERA Does Not Energize

[1] Do the "To Remove" procedure of <u>"MONITOR LCD" on Page 19</u>.

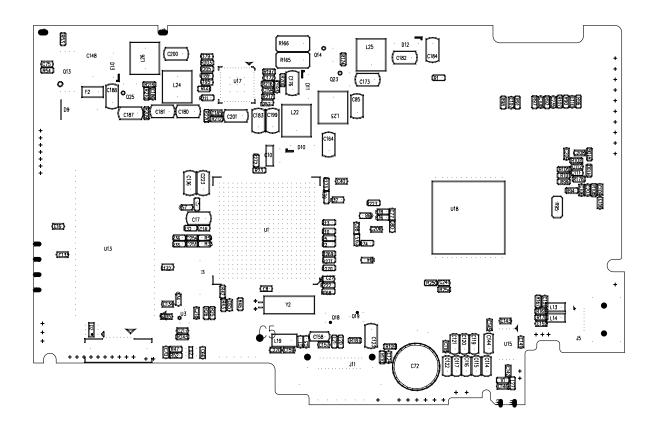
Section 7: Diagrams

System Overview



Component Layout

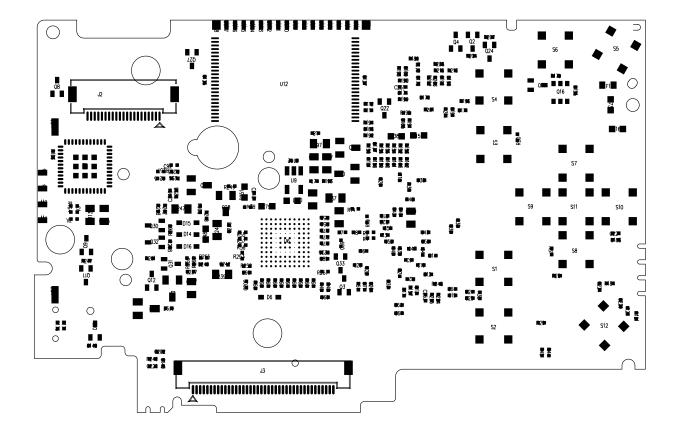
MAIN BOARD - top



MAIN BOARD - top

P291_2001DC

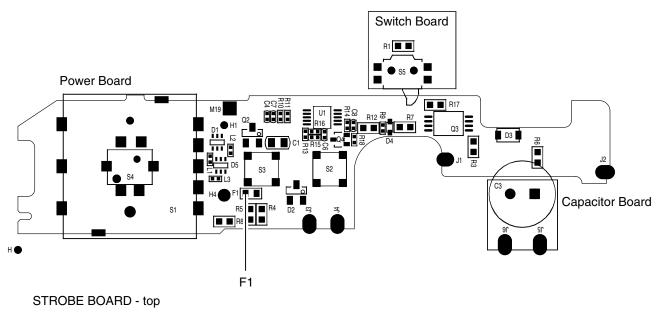
MAIN BOARD - bottom



MAIN BOARD - bottom

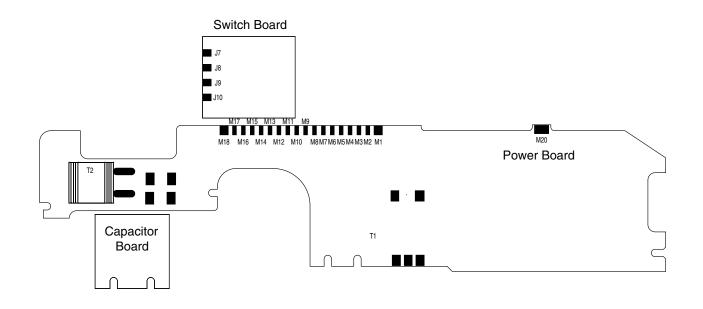
P291_2002DC

STROBE BOARD - top



P291_2004HCA P291_2004HC

STROBE BOARD - bottom



STROBE BOARD - bottom

P291_2003HC

Section 8: Publication History

Publication Date	Publication No.	Changed Pages	File Name	Notes
12NOV07	SM3710-1		sm3710_1.fm	New Publication
05MAR08	SM3710-1	6	sm3710_1.fm	Added part numbers for the "bulk, class A" CAMERAS in beige and white.
12MAR08	SM3710-1	6, 8, 9	sm3710_1.fm	Added • catalog numbers for the pink "retail, class B" and US&C CAMERAS
				 part number for the pink "bulk, class A" CAMERA
				part numbers for the pink COVER AYs
17JUN08	SM3710-1	1, 6, 8, 9	sm3710_1.fm	Added
				 catalog numbers for the CD703 DIGITAL CAMERA
				 part number for the white CD703 BACK COVER AY
			 note to use MONITOR LCD 2F7112 only for the CD703 DIGITAL CAMERA 	
				• Removed "Minor Repairs" from the title of the document.
27SEP11	SM3710-1	8	sm3710_1.fm	Added part number information for the additional but not in service stock MONITOR LCD <i>AUO</i> VH.

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