

SHARP TROUBLE & ERROR CODES

AR-C150, AR-C160, AR-C250, AR-C270

5. List

Main code	Sub code	Title (Content)	Section	Operation mode	Remedy	NOTE
A0	0	ROM trouble (PCU MAIN PWB)	PCU MAIN PWB	When POWER ON	Power OFF/ON	
C1	10	Main charger trouble (BLACK)	Image process	Warm-up / Initialize	Power Source-ON	
C1	11	Main charger trouble (CYAN)	Image process	Warm-up / Initialize	Power Source-ON	
C1	12	Main charger trouble (MAGENTA)	Image process	Warm-up / Initialize	Power Source-ON	
C1	13	Main charger trouble (YELLOW)	Image process	Warm-up / Initialize	Power Source-ON	
EE	EL	Toner concentration reference control level setup trouble (Overtoner)	Image process (Developing)	SIM 25-2	Power Source-ON	
EE	EU	Toner concentration reference control level setup trouble (Undertoner)	Image process (Developing)	SIM 25-2	Power source-ON	
E7	10	Shading trouble (Black correction)	Scanner (reading) /ICU SCAN PWB	Warm-up / Initialize	Power source-ON	
E7	11	Shading trouble (White correction)	Scanner (reading) /ICU SCAN PWB	Warm-up / Initialize	Power source-ON	
E7	20	Laser beam sensor trouble (BLACK)	Scanner (writing)	All modes	Power source-ON	
E7	21	Laser beam sensor trouble (CYAN)	Scanner (writing)	All modes	Power source-ON	
E7	22	Laser beam sensor trouble (MAGENTA)	Scanner (writing)	All modes	Power source-ON	
E7	23	Laser beam sensor trouble (YELLOW)	Scanner (writing)	All modes	Power source-ON	
E7	24	Laser beam detection trouble (BLACK)	Scanner (writing)	All modes	Power source-ON	
E7	25	Laser beam detection trouble (CYAN)	Scanner (writing)	All modes	Power source-ON	
E7	26	Laser beam detection trouble (MAGENTA)	Scanner (writing)	All modes	Power source-ON	
E7	27	Laser beam detection trouble (YELLOW)	Scanner (writing)	All modes	Power source-ON	
E7	30	ICU PWB FLASH ROM trouble	ICU MAIN PWB	Warm-up / Initialize	Power source-ON	
E7	90	ICU MAIN PWB - PCU MAIN PWB communication trouble (PCU side detection)	ICU MAIN PWB / PCU MAIN PWB	All modes	Power source-ON	
E8	0	ICU MAIN PWB - PCU MAIN PWB communication trouble (PCU side detection)	ICU MAIN PWB / PCU MAIN PWB	All modes	Power source-ON	
E8	1	ICU MAIN PWB - PCU MAIN PWB communication trouble (PCU side detection)	ICU MAIN PWB / PCU MAIN PWB	All modes	Power source-ON	
F1	0	Communication trouble between PCU MAIN PWB - Finisher control PWB (Detected by PCU MAIN PWB)	PCU MAIN PWB / Finisher control PWB	When power ON / initial operation	Power OFF/ON	
F1	2	Finisher paper exit trouble (Finisher side detection)	Finisher paper exit	When power ON / initial operation	Power OFF/ON	
F1	10	Finisher staple trouble (Finisher side detection)	Finisher stapler	When stapling	Power OFF/ON	
F1	11	Finisher bundle process trouble (Finisher side detection)	Finisher paper exit	When power ON / initial operation	Power OFF/ON	
F1	15	Finisher tray lift trouble (Finisher side detection)	Finisher tray lift	All modes	Power OFF/ON	
F1	19	Finisher alignment trouble (Front side) (Finisher side detection)	Finisher alignment	When POWER ON	Power OFF/ON	
F1	20	Finisher alignment trouble (Rear side) (Finisher side detection)	Finisher alignment	When POWER ON	Power OFF/ON	
F1	70	PCU PWB - sorter control PWB communication trouble (PCU detection)	Sorter / PCU MAIN PWB	Warm-up / Initialize	Power source-ON	

Main code	Sub code	Title (Content)	Section	Operation mode	Remedy	NOTE
F1	80	Sorter power abnormality (Sorter side detection)	Sorter	All modes	Power source-ON	
F1	81	Sorter transport motor trouble (Sorter side detection)	Sorter	Sort/group operation mode	Power source-ON	
F1	83	Sorter push bar motor trouble (Sorter side detection)	Sorter	Initializing	Power source-ON	
F1	87	Sorter staple unit oscillation motor trouble (Sorter side detection)	Sorter	Initializing	Power source-ON	
F1	89	Sorter bin shift motor trouble (Sorter side detection)	Sorter	Sort / Group operation mode	Power source-ON	
F1	91	Bin paper sensor auto adjustment trouble (Sorter side detection)	Sorter	Sort/group operation mode	Power source-ON	
F1	94	Sorter staple key trouble	Sorter	Staple	Power source-ON	
F2	40	Toner concentration sensor trouble (BLACK)	Developing	All modes	Power source-ON	
F2	41	Toner concentration sensor trouble (CYAN)	Developing	All modes	Power source-ON	
F2	42	Toner concentration sensor trouble (MAGENTA)	Developing	All modes	Power source-ON	
F2	43	Toner concentration sensor trouble (YELLOW)	Developing	All modes	Power source-ON	
F2	44	Image density sensor trouble (BLACK) (Transfer belt surface reflection abnormality)	Image process (Transfer)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.
F2	45	Image density sensor trouble (COLOR) (Calibration plate reflection abnormality)	Image process (Transfer)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.
F2	50	Drum marking detection trouble (BLACK)	Image process (OPC drum)	OPC drum rotation	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	51	Drum marking detection trouble (CYAN)	Image process (OPC drum)	OPC drum rotation	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	52	Drum marking detection trouble (MAGENTA)	Image process (OPC drum)	OPC drum rotation	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	53	Drum marking detection trouble (YELLOW)	Image process (OPC drum)	OPC drum rotation	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	54	Drum marking sensor gain adjustment error (BLACK)	Image process (OPC drum)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.
F2	55	Drum marking sensor gain adjustment error (CYAN)	Image process (OPC drum)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.
F2	56	Drum marking sensor gain adjustment error (MAGENTA)	Image process (OPC drum)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.
F2	57	Drum marking sensor gain adjustment error (YELLOW)	Image process (OPC drum)	Image density correction	Power source-ON	Print is disabled in USA/Japan. For the other destinations, print is enabled. However, the print density must be forcibly decreased.

Main code	Sub code	Title (Content)	Section	Operation mode	Remedy	NOTE
F2	58	Process humidity sensor trouble	Image process (Transfer)	All modes	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	63	Temperature sensor trouble (Image process)	Image process	All modes	Power source-ON	In the case of AR-C100, the error code is displayed (print disabled). In the case of AR-C150/C250/C160/C270, the error code is stored in the trouble memory (print enabled).
F2	80	Half tone correction (1st patch) trouble (BLACK)	Image process	Image density correction	Power source-ON	
F2	81	Half tone correction (1st patch) trouble (CYAN)	Image process	Image density correction	Power source-ON	
F2	82	Half tone correction (1st patch) trouble (MAGENTA)	Image process	Image density correction	Power source-ON	
F2	83	Half tone correction (1st patch) trouble (YELLOW)	Image process	Image density correction	Power source-ON	
F2	84	Half tone correction (2nd patch) trouble (BLACK)	Image process	Image density correction	Power source-ON	
F2	85	Half tone correction (2nd) patch trouble (CYAN)	Image process	Image density correction	Power source-ON	
F2	86	Half tone correction (2nd) patch trouble (MAGENTA)	Image process	Image density correction	Power source-ON	
F2	87	Half tone correction (2nd) patch trouble (YELLOW)	Image process	Image density correction	Power source-ON	
F2	90	Half tone correction trouble	Image process	Image density correction	Power source-ON	
F3	12	Lift-up trouble (Paper 1)	Paper tray 1	Paper tray lift up	Power source-ON	
F3	22	Lift-up trouble (Paper 2)	Paper tray 2	Paper tray lift up	Power source-ON	
F3	32	Lift-up trouble (Paper 3)	Paper tray 3	Paper tray lift up	Power source-ON	
F3	42	Lift-up trouble (Paper 4)	Paper tray 4	Paper tray lift up	Power source-ON	
F9	0	ICU PWB-printer controller communication trouble (ICU detection)	ICU IMAGE PWB / PRINTER CONTROLLER	Warm-up / Printing	Power source-ON	
H2	0	Fusing main temperature sensor (lower)(Thermistor) open/Fusing unit not-installed (THS1)	Fusing	All modes	Power Source-ON	
H2	1	Fusing main temperature sensor (lower)(Thermistor) open/Fusing unit not-installed (THS2)	Fusing	All modes	Power Source-ON	
H2	2	Fusing main temperature sensor (upper)(Thermistor) open/Fusing unit not-installed (THS3)	Fusing	All modes	Power Source-ON	
H2	3	Fusing main temperature sensor (upper)(Thermistor) open/Fusing unit not-installed (THS4)	Fusing	All modes	Power Source-ON	
H3	0	Fusing section high temperature trouble (THS1)	Fusing	All modes	SIM 14	
H3	1	Fusing section high temperature trouble (THS2)	Fusing	All modes	SIM 14	
H3	2	Fusing section high temperature trouble (THS3)	Fusing	All modes	SIM 14	
H3	3	Fusing section high temperature trouble (THS4)	Fusing	All modes	SIM 14	
H4	0	Fusing section (upper) low temperature trouble (HL1)	Fusing	All modes	SIM 14	
H4	1	Fusing section (lower) low temperature trouble (HL2)	Fusing	All modes	SIM 14	
H5	1	Paper jam in the fusing/paper exit sections	Fusing	Copy / Print	SIM 14	

Main code	Sub code	Title (Content)	Section	Operation mode	Remedy	NOTE
H6	0	Fusing oil empty (Oil sensor trouble)	Fusing	All modes	Power Source-ON	
H7	0	AC input voltage (HLV) trouble	Power source	All modes	Power Source-ON	
L1	0	Scanner feed trouble	Scanner (reading)	Initialize / Copy	Power Source-ON	
L3	0	Scanner return trouble	Scanner (reading)	Initialize / Copy	Power Source-ON	
L4	3	Fusing motor trouble	Fusing	Warm-up / Copy/ Print	Power Source-ON	
L4	4	Developing motor trouble (BLACK)	Developing drive	Warm-up / Copy/ Print	Power Source-ON	
L4	5	Developing motor trouble (COLOR)	Developing drive	Warm-up / Copy / Print	Power Source-ON	
L4	6	Transfer belt lift trouble	Image process (Transfer)	Color / Monochrome copy (print) mode select	Power Source-ON	
L6	10	Laser scanner (writing) motor lock detection (BLACK)	Laser scanner (writing)	All modes	Power Source-ON	
L6	11	Laser scanner (writing) motor lock detection (CYAN)	Laser scanner (writing)	All modes	Power Source-ON	
L6	12	Laser scanner (writing) motor lock detection (MAGENTA)	Laser scanner (writing)	All modes	Power Source-ON	
L6	13	Laser scanner (writing) motor lock detection (YELLOW)	Laser scanner (writing)	All modes	Power Source-ON	
L8	1	Power full wave signal (FWS) trouble	Power source	All modes	Power Source-ON	
L8	2	Power full wave signal (FWS) width trouble	Power source	All modes	Power Source-ON	
PF	0	RIC copy inhibit signal reception	PCU PWB	RIC communication	SIM 17	
U0	0	Operation control PWB - PCU MAIN PWB communication trouble (OPE/PCU detection)	Operation PWB/PCU MAIN PWB	All modes	Power Source-ON	
U0	80	PCU MAIN PWB - PCUSUB PWB communication trouble (PCU detection)	PCU SUB PWB/PCU MAIN PWB	All modes	Power Source-ON	
U2	0	EEPROM read/write error (PCU MAIN PWB)	PCU PWB	Warm-up	SIM 16	
U2	11	Counter data (EEPROM) check sum error (PCU MAIN PWB)	PCU PWB	All modes	SIM 16	
U2	12	Setup/Adjustment value data (EEPROM) check sum error (PCU MAIN PWB)	PCU PWB	All modes	SIM 16	
U2	20	EEPROM read/write error (ICU MAIN PWB)	ICU PWB	Warm-up	SIM 16	
U2	21	Counter (EEPROM) check sum error (ICU MAIN PWB)	ICU PWB	All modes	SIM 16	
U2	22	Setup, adjustment value (EEPROM) check sum error (ICU MAIN PWB)	ICU PWB	All modes	SIM 16	
U2	30	Manufacturing No. data (ICU MAIN PWB/PCU MAIN PWB) discrepancy	ICU PWB / PCU PWB	All modes	SIM 16	
U4	0	PCU MAIN PWB - ADU communication trouble	PCU PWB / Duplex control PWB	Warm-up / Initialize	Power Source-ON	
U4	2	ADU Alignment plate operation trouble	Duplex	Initialize/Duplex copy (print)	Power Source-ON	
U4	12	ADU transport motor trouble	Duplex	Duplex copy (print)	Power Source-ON	
U5	0	PCU MAIN PWB - RADF communication trouble	PCU PWB / RADF control PWB	Warm-up / Initialize	Power Source-ON	
U5	1	RADF resist sensor trouble	RADF	RADF	Power Source-ON	
U5	2	RADF expulsion sensor trouble	RADF	RADF	Power Source-ON	

Main code	Sub code	Title (Content)	Section	Operation mode	Remedy	NOTE
U5	3	RADF timing sensor trouble	RADF	RADF	Power Source-ON	
U5	11	RADF paper feed motor trouble	RADF	RADF	Power Source-ON	
U6	9	Large capacity tray (LCC) lift motor trouble	Large capacity tray	Paper feed	SIM 15	
U6	20	PCU MAIN PWB-Large capacity tray (LCC) communication trouble	Large capacity tray control PWB / PCU MAIN PWB	Warm-up / Initialize	Power Source-ON	
U6	21	Large capacity tray (LCC) transport motor trouble	Large capacity tray	Paper feed	Power Source-ON	
U6	22	Large capacity tray (LCC) 24v power trouble	Large capacity tray	All modes	Power Source-ON	
U7	0	RIC communication trouble	PCU PWB	RIC communication	Power Source-ON	
UC	0	ICU SCAN PWB - CPT PWB communication trouble	ICU SCAN PWB / CPT PWB	Copy	Power Source-ON	
UC	1	CPT board program trouble	CPT PWB	Warm-up / Initialize	Power Source-ON	
UC	2	CPT board ASIC trouble	CPT PWB	Warm-up / Initialize	Power Source-ON	
UC	3	CPT board ROM trouble	CPT PWB	Warm-up / Initialize	Power Source-ON	
UC	4	CPT board RAM trouble	CPT PWB	Warm-up / Initialize	Power Source-ON	
UC	5	CPT board model code data trouble	ICU MAIN PWB / CPT PWB	Warm-up / Initialize	Power Source-ON	

6. Details

Main code	Sub code	Title	Shading trouble (White correction)				
E7	11	Phenomena	Display	Lamp			
				Message			
			Detail	In shading correction, the CCD white reading level is abnormal (with the scanner lamp OFF).			
			Section	Scanner (reading) / ICU SCAN PWB			
			Operation mode	Warm-up / Initialize			
			Note				
		Case 1	Trouble position/Cause	Improper CCD white level gain Too great CCD white level gain			
			Remedy	(Check) 1) Use SIM 63-1 to check the values of ADJUST ODD GAIN and ADJUST EVEN GAIN of each color of R/G/B. (There are six values in total.) (AR-C150) 2) Add 25 to each value of GAIN ODD and GAIN EVEN of R/G/B checked in procedure 1) and make notes of the total values. (AR-C150) 3) Enter the SIM 46-6 mode, and replace each value of GAIN ODD and GAIN EVEN of R/G/B with the total values calculated in procedure 2). (Input the new value.) (AR-C150) 4) Cancel the simulation. 5) Turn OFF/ON the power, and shading operation will be performed.			
				(Repair) Power OFF-ON			
				(After work)			
			Note	This trouble occasionally happens when the CCD unit (with the lens) is replaced.			
		Case 2	Trouble position/cause	Bad connection of the flat cable between the CCD unit and the ICU SCAN PWB.			
			Remedy	(Check) Check connection of the flat cable between the CCD unit and the ICU SCAN PWB.			
				(Repair) Replace the flat cable between the CCD unit and the ICU SCAN PWB. / Power Source-ON			
				(After-work)			
Note							

Main code	Sub code	Title	Shading trouble (White correction)	
E7	11	Case 3	Trouble position/cause	CCD unit trouble
			Remedy	(Check) CCD black offset level check (SIM 46-6) / Shading correction result check (SIM 63-1) (AR-C150 only)
				(Repair) Replace the CCD unit. / Power Source-ON
				(After-work) Adjust ADJM17-ADJ1.
		Note		
		Case 4	Trouble position/cause	ICU SCAN PWB, ICU IMAGE PWB, ICU MAIN PWB trouble
			Remedy	(Check)
				(Repair) ICU SCAN PWB, ICU IMAGE PWB, ICU MAIN PWB. / Power Source-ON
				(After-work) Adjust ADJM9/M10/M12/M13/M14/M15/M17. / Re-enter setup values and adjustment values. (Install the EEPROM of the defective ICU MAIN PWB to a new ICU MAIN PWB.)
		Note		
		Case 5	Trouble position/cause	Scanner section dirt (Shading sheet trouble (dirt, scratch)/Lens dirt/Mirror dirt/Reflector dirt)
			Remedy	(Check) Scanner section dirt check
				(Repair) Clean the scanner section (shading sheet/lens/CCD/mirror/reflector)./Power Source-ON
				(After-work)
		Note		
		Case 6	Trouble position/cause	Scanner lamp insufficient light quantity (Scanner lamp trouble/scanner lamp control PWB trouble)
			Remedy	(Check) Check the scanner lamp applying voltage (62.3V).
				(Repair) Replace the scanner lamp. / Replace the scanner lamp control PWB. / Power Source-ON
(After-work) Adjust ADJM17-ADJ1.				
Note				

Main code	Sub code	Title	Finisher paper exit trouble/reversing trouble (Finisher side detection)	
F1	2	Phenomenon	Display	Lamp
				Message
			Detail	In the initial operation, the motor rotation sensor output signal is not recognized within the specified time after output of the finisher paper exit motor / reversing motor ON signal.
			Section	Finisher paper exit
			Operation mode	Power ON/ Initial operation
			NOTE	
		Case 1	Trouble position / Cause	Paper exit motor trouble / Reversing motor trouble / Paper exit motor rotation sensor trouble / Reversing motor rotation sensor trouble
			Remedy	(Check) Check the paper exit motor / reversing motor / Reversing motor rotation sensor / paper exit motor rotation sensor operations. (SIM 3-1/2)
				(Repair) Replace the paper exit motor. / Replace the paper exit motor rotation sensor. / Power OFF-ON
		(After work)		
		Case 2	Trouble position / Cause	Paper exit mechanism section trouble
			Remedy	(Check) Check the paper exit mechanism section operation. (SIM 3-1/2)
				(Repair) Replace or repair parts of the paper exit mechanism section. / Power OFF-ON
		(After work)		
		Case 3	Trouble position / Cause	Finisher control PWB trouble
			Remedy	(Check) Check the finisher control PWB operation. (SIM 3-1/2)
				(Repair) Replace the finisher control PWB. / Power OFF-ON
		(After work) Make various adjustments related to the finisher electric section. (Install the EEPROM of the defective finisher control PWB to a new finisher control PWB.)		

Main code	Sub code	Title	Fusing motor trouble		
L4	3	Phenomena	Display	Lamp	
				Message	
			Detail	The motor lock signal is detected for 50ms or more during rotation of the fusing motor.	
			Section	Paper feed	
			Operation mode	Paper feed	
		Note			
		Case 1	Trouble position/cause	Fusing motor trouble	
			Remedy	(Check) Check the fusing motor operation. (SIM 6-1)	
				(Repair) Replace the fusing motor. / Power Source-ON	
				(After-work)	
		Note			
		Case 2	Trouble position/cause	PCU MAIN PWB trouble	
			Remedy	(Check)	
				(Repair) Replace the PCU MAIN PWB. / Power Source-ON	
				(After-work) Re-enter setup values and adjustment values. (Install the EEPROM of the defective PCU MAIN PWB to a new PCU MAIN PWB.)	
		Note			
		Case 3	Trouble position/cause	Fusing mechanism section trouble.	
			Remedy	(Check) Check the loads in the fusing mechanism section.	
				(Repair) Repair or replace parts in the fusing mechanism section. / Power Source-ON	
				(After-work)	
Note					

Main code	Sub code	Title	Developing motor trouble (BLACK)		
L4	4	Phenomena	Display	Lamp	
				Message	
			Detail	The motor lock signal is detected for 3.5sec or more when the developing motor is ON.	
			Section	Developing drive	
			Operation mode	Warm-up / Copy / Print	
		Note			
		Case 1	Trouble position/cause	Developing motor trouble	
			Remedy	(Check) Check the developing motor operation (SIM 25-1).	
				(Repair) Replace the developing motor. / Power Source-ON	
				(After-work)	
		Note			
		Case 2	Trouble position/cause	Developing mechanism section trouble	
			Remedy	(Check) Check the loads of the developing mechanism section.	
				(Repair) Repair or replace the parts in the developing mechanism section. / Power Source-ON	
				(After-work)	
		Note			
		Case 3	Trouble position/cause	PCU MAIN PWB trouble	
			Remedy	(Check)	
				(Repair) Replace the PCU MAIN PWB. / Power Source-ON	
				(After-work) Re-enter setup values and adjustment values. (Install the EEPROM of the defective PCU MAIN PWB to a new PCU MAIN PWB.)	
Note					

Main code	Sub code	Title	Developing motor trouble (COLOR)	
L4	5	Phenomena	Display	Lamp Message
			Detail	The motor lock signal is detected for 3.5sec or more when the developing motor is ON.
			Section	Developing drive
			Operation mode	Warm-up / Copy / Print
			Note	
		Case 1	Trouble position/cause	Developing motor trouble
			Remedy	(Check) Check the developing motor operation (SIM 25-1). (Repair) Replace the developing motor. / Power Source-ON (After-work)
			Note	
		Case 2	Trouble position/cause	Developing mechanism section trouble
			Remedy	(Check) Check the loads of the developing mechanism section. (Repair) Repair or replace the parts in the developing mechanism section. / Power Source-ON (After-work)
			Note	
		Case 3	Trouble position/cause	PCU MAIN PWB trouble
			Remedy	(Check) (Repair) Replace the PCU MAIN PWB. / Power Source-ON (After-work) Re-enter setup values and adjustment values. (Install the EEPROM of the defective PCU MAIN PWB to a new PCU MAIN PWB.)
			Note	
		Case 4	Trouble position/cause	Developing motor power line trouble
			Remedy	(Check) Check the fuse (F707). (Repair) Replace the fuse (F707). / Power Source-ON (After-work)
			Note	

Main code	Sub code	Title	PCU MAIN PWB - ADU communication trouble / Discrepancy of the model	
U4	0	Phenomena	Display	Lamp Message
			Detail	Communication test error in warm-up / Discrepancy of the model
			Section	PCU PWB / Duplex control PWB
			Operation mode	Warm-up / Initialize
			Note	
		Case 1	Trouble position/cause	Bad connection of the signal line between the PCU MAIN PWB and the ADU control PWB.
			Remedy	(Check) Check connection of the signal line between the PCU MAIN PWB and the ADU control PWB. (Repair) Repair or replace the cable and the connector between the PCU MAIN PWB and the ADU control PWB. / Power Source-ON (After-work)
			Note	
		Case 2	Trouble position/cause	PCU MAIN PWB trouble
			Remedy	(Check) (Repair) Replace the PCU MAIN PWB. / Power Source-ON (After-work) Re-enter setup values and adjustment values. (Install the EEPROM of the defective PCU MAIN PWB to a new PCU MAIN PWB.)
			Note	
		Case 3	Trouble position/cause	ADU control PWB trouble
			Remedy	(Check) (Repair) ADU control PWB replacement / Power Source-ON (After-work)
			Note	
		Case 4	Trouble position/cause	Discrepancy of the model code (The AR-DU2, instead of the AR-DU2N, is erroneously installed to the AR-C160/C270.).
			Remedy	(Check) Check that the AR-DU2N or the AR-DU2 is installed. (Repair) Install the AR-DU2N or remodel the AR-DU2 into the AR-DU2N. (Replace the AR-DU2 ROM with the AR-DU2N ROM, and replace the 1A fuse on the ADU control PWB with the 1.25A fuse.) (After-work)
			Note	

Main code	Sub code	Title	PCU MAIN PWB- Large capacity tray (LCC) communication trouble / Discrepancy of the model			
U6	20	Phenomena	Display	Lamp		
				Message		
			Detail	Communication test error in warm-up / Discrepancy of the model		
			Section	Large capacity tray control PWB / PCU MAIN PWB		
			Operation mode	Warm-up / Initialize		
			Note			
		Case 1	Trouble position/cause	Bad connection of the signal line between the PCU MAIN PWB and the large capacity tray (LCC) control PWB		
			Remedy	(Check) Check connection of the signal line between the PCU MAIN PWB and the large capacity tray (LCC) control PWB.		
				(Repair) Repair or replace the cable and the connector between the PCU MAIN PWB and the large capacity tray (LCC) control PWB. / Power Source-ON		
				(After-work)		
			Note			
		Case 2	Trouble position/cause	PCU MAIN PWB trouble		
			Remedy	(Check)		
				(Repair) Replace the PCU MAIN PWB. / Power Source-ON		
				(After-work) Re-enter setup values and adjustment values. (Install the EEPROM of the defective PCU MAIN PWB to a new PCU MAIN PWB.)		
			Note			
		Case 3	Trouble position/cause	Large capacity tray (LCC) control PWB trouble		
			Remedy	(Check)		
				(Repair) Large capacity tray (LCC) control PWB replacement / Power Source-ON		
				(After-work)		
	Note					
Case 4	Trouble position/cause	Discrepancy of the model code (The AR-LC2, instead of the AR-LC2N, is erroneously installed to the AR-C160/C270.).				
	Remedy	(Check) Check that the AR-LC2N or the AR-LC2 is installed.				
		(Repair) Install the AR-LC2N or remodel the AR-LC2 into the AR-LC2N. (Replace the AR-LC2 ROM with the AR-LC2N ROM, and replace the 1A fuse on the ADU control PWB with the 1.25A fuse.)				
		(After-work)				
	Note					