

Error Codes

These are Error Codes for Lanier/
Ricoh Machines. For greater detail
refer to the Service Manuals for the unit
you are repairing. Error Codes appear
in the section entitled
"Troubleshooting."

Error Code	Description
SC101	Exposure Lamp Error
SC107	Scanner Lamp Regulator Malfunction
SC120	Scanner Home Position Error 1 HP Sensor Abnormal-Stays Off
SC121	Scanner Home Position Error 2 HP Sensor Abnormal-Stays On
SC122	Scanner Home Position Error 3
SC123	Scanner Home position Error 4
SC124	Scanner Motor Encoder Signal Error
SC125	Scanner Motor Speed Error 1
SC126	Scanner Motor Speed Error 2
SC127	Scanner Motor Encoder Rotating Direction Error
SC128	Scanner Motor Start Error
SC129	Scanner Motor Speed Control Error
SC130	SBU defective Error/Scanner Start Abnormal
SC131	F-Gate Asserted During Shading
SC142:	White level detection error.
SC143	SBU Auto Adjust Error
SC144	SBU Connection Error
SC150	Scanner ROM Mismatch
SC170	Scanner DA1 Abnormal/Video Processing Error 1
SC171	Scanner DA2 Abnormal/Video Processing Error 2
SC172	Scanner DA3 Abnormal/Video Processing Error 3
SC173	Scanner Lamp Regulator Adjustment Error
SC174	Scanner DA2 Abnormal
SC181	CIS Lamp Abnormal
SC183	CIS Auto Adjust Error

Error Code	Description
SC184	CIS Transmission Error
SC191	Bar Code Scanning Error
SC192	Automated SBU Adjustment Error/Bar Code Number is Different
SC193	Image Transfer Error/IDU Error
SC194	SBU White Level Detection Error
SC195	DF Gate Assert Error/Serial Number Error
SC196	DF Gate Negate Error
SC197	DF Gate Error
SC198	Memory Address Error
SC199	DF Scanning Finish Error
SC201:	Polygon Motor Error
SC220	Laser Synchronization Detection Error
SC221	Scan Length Detection Error
SC230	BCU Received no Feedback from LD F-Gate Error
SC231	Laser Beam Feedback Signal Error F-Gate Timeout
SC240	LD Power Supply Excessive
SC260	HP Sensor Error
SC261	HP Sensor Not Turning Off
SC285	Line Position Error
SC300	Charge Corona Output Error 1
SC301	Charge Corona Output Error 2 Charge Current Leak
SC302	Charge Corona Output Error 3 Grid Voltage Error Charge Roller Current Leak
SC303	Charge Corona Output Error 4 Grid Leak Charge Cleaner Motor Error
SC304	Charge Roller Current Correction Error
SC305	Charge Corona Wire Cleaner Error 1
SC306	Charge Corona Wire Cleaner Error 2 Charge Roller Home Position Error
SC310	Potential Sensor Calibration Error 1
SC311	Potential Sensor Calibration Error 2
SC312	Potential Sensor Calibration Error 3
SC314	Potential Sensor Calibration Error 4
SC315	Potential Sensor Calibration Error 5
SC316	Potential Sensor Calibration Error 6
SC317	Potential Sensor Calibration Error 7

Error Code	Description
SC320	Polygon Mirror Motor Error/Lock
SC321:	No Laser Writing Signal (F-GATE) Error 1 Transfer Belt Signal Error
SC322	1st Laser Synchronization Signal Error
SC323	LD Drive Current Over
SC324	LD Drive Current Over
SC325	Magnification Correction Error
SC326	2nd Laser Synchronization Error F Gate 1 Error
SC327	LD Unit Home Position Error 1 F Gate 2 Error
SC328	LD Unit Home Position Error 2
SC329	LD Unit Home Position Error 3 LD Unit Pitch Adjustment Error
SC330	LD Unit No Initial Setting
SC331	LD Unit Home Position Error 4
SC332	LD Unit Present Position Error
SC335	Polygonal Mirror Motor Error 1
SC336	Polygonal Mirror Motor Error 2
SC337	Polygonal Mirror Motor Error 3
SC338	Polygonal Mirror Motor Error 1
SC340	TD Sensor Output Error
SC341	TD Sensor Adjustment Error 1 Black Development Motor Error
SC342	TD Sensor Adjustment Error 2 Black Sleeve Motor Lock
SC343	Yellow Sleeve Motor Lock
SC344	Magenta Sleeve Motor Lock
SC345	Developer Bias Leak Output Abnormal Cyan Sleeve Motor Lock
SC346	Color Development Motor Lock
SC350	ID Sensor/Pattern Test Error 1 Black TD Sensor Initial Setting Communication Error
SC351	ID Sensor/VSG Test Error 2 Yellow TD Sensor Initial Setting Error TD Sensor Failure
SC352	ID Sensor/Pattern Edge Detect Error 3 Magenta TD Sensor Initial Setting Error
SC353	ID Sensor LED Current Abnormal at Initialization Error 4 Cyan TD Sensor Initial Setting Error

Error Code	Description
SC354	ID Sensor Error 5 Black TD Sensor Gain Adjustment Error
SC355	Yellow TD Sensor Gain Adjustment Error
SC356	Magenta TD Sensor Gain Adjustment Error
SC357	Cyan TD Sensor Gain Adjustment Error
SC360	Hard Disk Detection Error 1 Development Bias Leak
SC361	Hard Disk Drive Error 2 Revolver HP Sensor Error
SC362	Hard Disk Detection Error 2 IMAC Image Compression Error
SC364	Hard Disk Drive Error
SC365	Image Storage Address Error
SC366	Hard Disk Bad Sector Maximum
SC367	Hard Disk (HDD) Bad Sector Maximum
SC370	IMAC (Image Compression IC) Input FIFO Error Black TD Sensor Detection Error
SC371	Yellow TD Sensor Detection Error
SC372	IMAC (Image Compression IC) Output FIFO Error Cyan Sensor Detection Error
SC373	Magenta TD Sensor Detection Error
SC374	IMAC (Image Compression IC) Modes Setting Error Black TD Sensor Lower Detection Abnormal
SC375	Yellow TD Sensor Lower Detection Abnormal
SC376	Data Transmission Error Cyan TD Sensor Lower Detection Abnormal
SC377	Magenta TD Sensor Lower Detection Abnormal
SC380	Data Transmission Time Out (Video Input) Drum Potential Sensor Calibration Error Black Development Motor Error
SC381	Charge Potential Abnormal Color Development Motor Error
SC382	Data Transmission Time Out (Video Output) VD Adjustment Error
SC383	VL Adjustment Error
SC384	Data Transmission Time Out (Connect Copy LD Exposure Abnormal

Error Codes

Error Code	Description
SC385	ID Sensor VSG Adjustment Error
SC386	Data Transmission Time Out (Hard Disk Write) Amount of Toner on Sensor Pattern Too Low During ID Pattern Measurement Development Gamma Error (Black)
SC387	Development Gamma Error Yellow Drum Potential Error
SC388	Data Transmission Time Out (Hard Disk Read) Development Gamma Error (Cyan)
SC389	Development Gamma Calculation Error Development Gamma Error (Magenta)
SC390	CRC Error/TD Sensor Adjustment Error Development Bias Output Error
SC391	Image Storage Address Error Development Bias Leak Charge AC Output Error
SC392	TD Sensor Initial Setting Error
SC395	Development Output Abnormal
SC400	Transfer Roller Leak Error Image Transfer Belt Bias Error
SC401	Transfer Output Abnormal
SC401-1	Transfer Roller Leak Detected
SC401-2:	Transfer Roller Leak Open Error
SC402	Transfer Roller Leak Open Error Image Transfer Belt Lubricant Brush Current Leak
SC403	Transfer Belt Position Sensor Error
SC405	Transfer Belt Position Abnormal
SC406	Transfer Roller Position Abnormal
SC410	Paper Separation Current Leak
SC411	Separation Bias Leak Error Paper Discharge Leak
SC420	Cleaning Motor Lock
SC422	PCC Leak
SC430	Quenching Lamp Error
SC440	Main Motor Lock/Drum Motor Lock
SC441	Development Motor Lock Drum Peripheral Component Motor Lock
SC450	Paper Transfer Bias Current Leak
SC451	Paper Transfer Belt Motor Lock

Error Code	Description
SC452	Transfer Belt Mark Detection Error
SC455	Paper Transfer Belt Discharge Corona Current Leak
SC456	Paper Transfer Unit Position Error
SC457	Image Transfer Belt Cleaning Unit Position Error
SC460	Thermistor1 Temperature Error
SC461	Thermistor 2 Error (-001:open circuit) (-002:short circuit)
SC471	Transfer Belt H.P. Sensor Error
SC490	Toner Supply Motor Leak Exhaust Fan Motor Lock Main Fan Abnormal Transfer Bias Paper Attraction Roller Bias Leak Error
SC492	Cooling Fan Motor Lock
SC493:	Exhaust Fan Motor Lock
SC494	Fuser Exhaust Fan Motor Lock
SC495	Toner Recycling Unit Error Humidity Sensor Temperature Detection Error
SC496	Toner Collection Bottle Error Humidity Sensor Error
SC497	Toner Recycling Motor Error Toner Collection Motor Error
SC500	Main Motor/Transport Motor Lock/Fusing Motor Error
SC501	Drawer 1 Lift Motor Malfunction 1st Paper Tray Error
SC502	2nd (or 1st) Tray Lift Motor Malfunction 2nd Paper Tray Error
SC503	Drawer 3 (or 2nd) Lift Motor Malfunction 3rd Paper Tray Error
SC504	Drawer 4 (or 3rd) Lift Motor Malfunction 4th Paper Tray Error
SC505	LCC Tray Malfunction (Optional LCC)
SC506	Paper Tray Motor Lock
SC507	LCT Main/Feed Motor Lock
SC508	Rear Fence Drive Error
SC509	Drawer 3 LCT Right Fence Error Side Fence Error
SC510	LCT Lower Limit Error Paper Feed Motor Locks
SC511	LCC Motor Lock (Optional LCC)

Error Code	Description
SC515	Drawer Left Guide Drive Motor M17 Error Tandem Rear Fence Motor Error
SC516	Drawer 1 Side Guide Motor Error
SC520	Paper Tray Error/Duplexer Jogger Drive Motor Error 1
SC521	Duplexer Jogger Drive Motor Error 2
SC522	Duplex-Side Fence Jogger HP Error
SC524	Duplex-End Fence Jogger HP Error
SC530	Bypass Feed Motor Lock/fusing Fan Motor Error
SC531	Fuser/Duplexer Reversing Motor Lock
SC541	Fuser Thermistor Open Hot Roller Thermistor Open
SC542	Fuser Temperature Warm-up Error Hot Roller Warm up Error
SC543	Fuser Overheat Error 1 (Software) Hot Roller Fusing Lamp Overheat
SC544	Fuser Overheat Error 1 (Hardware) Fuser Low Temperature Abnormal Hot Roller Fusing Lamp Lower Limit Temperature Detected
SC545	Fuser Lamp Overheat Error 2 Fuser Ready Temperature Abnormal Hot Roller Ready Temperature Abnormal
SC546	Fuser Ready Temperature Malfunction Unstable Fusing Temperature
SC547	Zero Cross Signal Malfunction Fusing/Hot Roller Temperature Does Not Increase
SC548	Fusing Installation Error Fusing Unit Set Error
SC550	Fusing Web End
SC551	Pressure Roller Thermistor Open
SC552	Pressure Roller Warm-up Error
SC553	Pressure Roller Overheat
SC554	Pressure Roller Low Temperature Abnormal
SC555	Pressure Roller Ready Temperature Abnormal
SC557	Pressure Roller Temperature Does not Increase
SC558	Zero Cross Signal Abnormal
SC590	Exhaust/Fusing Fan Motor Error Used Toner Collection Motor Error
SC591	Toner Supply Motor Error

Error Code	Description
SC592	Toner Bank Motor Error
SC599	Copy Exit Tray Motor Lock
SC600	Communication Error Between Main Control And Operation Panel Boards
SC601	Communication Error Between BICU & MCU/Main Control and Scanner Control Boards
SC602	Communication Error Between BICU & HDD Controller/Main Control and Transfer Belt Motor Drive Boards
SC603	Communication Error within Main Control Boards
SC604	Serial Signal Error in Main Control Board/ IDU Communication Error
SC605	Communication Error Between Main Control and IPU Boards
SC610	Communication Time Out Between SBCU/ BICU & ADF
SC611	Communication Break Error Between the CBCU/BICU & ADF
SC612	Communication Command Error Between the BICU/SBCU & ADF
SC620	Communication Error Between BICU/ SBCU & RADF 1/Finisher/Communication Error Between IOB & ADF
SC621	Communication Error Between BICU & RADF 2 Communication Timeout Error between SBCU & Finisher/Sorter Communication Error
SC622	Communication Error Between BICU & RADF 3/Main Control Board and Display Editor
SC623	Communication Time Out Error Between BICU & Paper Tray Unit1-3/Main Control Board and Projector Unit
SC624	Communication Time Out Error Between the BICU & LCT/Tray 1-3
SC625	Communication Error Between BICU & Finisher 1/FPU SC626: Communication Error Between BICU & Finisher 2/LCT/Paper Tray Unit
SC627	Communication Break Error Between BICU & LCT
SC630	CSS (RSS) Communication Error Between Line Adapter & CSS Center/RDS Communication Error
SC632	Key/Card Counter Device Error 1
SC633	Key/Card Counter Device Error 2

Error Codes

Error Code	Description
SC634	Key/Card Counter Device Error 3
SC635	Communication Error Between BICU & Paper Feed Board 1 Key/Card Counter Device Error 4
SC636	Communication Error Between BICU & Paper Feed Control PWA
SC640	BICU/SBCU Control Data Transfer/ Checksum Error
SC641	BICU/SBCU Control Data Transfer Abnormal/Checksum Error
SC650	Communication Timeout Error Between SBCU & Duplex Unit
SC670	Engine Response/Start Up Error
SC672	Controller to Operation Panel Communication Error at Startup
SC690	GAVD Block I2C Bus Error/Application Selection Error
SC691	GAVD FCI Block I2C Bus Error Communication Error Between BICU & Fax Controller
SC692	CDIC GAVD Block I2C Bus Error Communication Error Between Engine Board & Print Controller
SC696	Fax Firmware Error
SC696	Communication Error between Engine Board & Finisher
SC700	RADF Original Pickup Malfunction DJF Feed-in Motor Abnormal
SC701	RADF Original Pickup Malfunction DJF Belt Drive Abnormal/Bottom Plate Error
SC702	RADF Feed Motor Lock DJF feed Out Motor Abnormal
SC703	RADF Transport Motor Lock
SC704	RADF Original Exit Motor Lock
SC705	RADF Bottom Plate Motor Error
SC720	Finisher Upper Transport Roller Motor Error Finisher Jogger Motor Error (500 Sheet Finisher) Sorter Main Motor Error
SC721	Sorter Bin Motor Error
SC722	Finisher/Sorter Jogger Motor Error (1000 Sheet Finisher)
SC724	Finisher/Sorter Stapler Hammer/Head Motor Error (1000 Sheet Finisher)

Error Code	Description
SC725	Finisher/Sorter Stack Feed Exit Motor Error (1000 Sheet Finisher) Sorter Stapler Unit Drive Motor Error
SC726	Finisher Shift/Lift Motor Error (1000 Sheet Finisher)
SC727	Finisher Stapler Rotation/Hammer Motor Error (500 Sheet Finisher)
SC728	Finisher Paper Stack Height Error (500 Sheet Finisher)
SC729	Finisher Hole Punch Motor Error
SC730	Finisher Stapler Position Motor Error Scanner Motor Abnormal
SC731	Finisher Exit Guide Plate Motor Lock Output Tray Motor Error (500 Sheet Finisher) Sorter Tray Shift Motor Error
SC732	Finisher/Sorter Upper Tray/Bin Motor Error (1000 Sheet Finisher)
SC733	Finisher Lower Tray Lift Motor Error
SC734	Finisher Lower Tray Shift Motor Error
SC735	Finisher Pre-stack Tray Paper Motor Error
SC736	Finisher Exit Guide Plate Motor Error
SC737	Finisher Staple Waste Hopper Full (F585)
SC738	Finisher Shift Tray/Pressure Plate Lift Motor Error
SC739	Finisher Folder Plate Motor Error
SC740	1,000-sheet Finisher Error in Finisher Area Finisher Front Saddle-Stitch Motor Error
SC741	1,000-sheet Finisher Error in Saddle Stitching Area Optional Paper Tray Unit Error LCT Main Motor Error
SC742	LCT Tray Lift Motor Finisher Jogger Side Fence Motor Error
SC750	Cover Interposer Bottom Plate motor Error
SC760	ADF Gate Abnormal
SC770	Display Editor Abnormal
SC790	Projector Lamp Does Not Turn On
SC791	Projector Lamp Does Not Turn Off Bridge Communication Error
SC792	Projector Lamp Overheat Finisher Connection Error
SC793	Interchange Connection Error
SC800	Startup Without Video Output End Error
SC804	Startup Without Video Input End

Error Code	Description
SC818	Watchdog Error
SC819	Fatal Kernel Mismatch Error
SC820	Self-Diagnostic Error: CPU
SC821	Self-Diagnostic Error: ASIC
SC822	Self-Diagnostic Error: HDD
SC823	Self-Diagnostic Error: NIB
SC824	Self Diagnostic Error: NVRAM
SC826	Self-Diagnostic Error: NVRAM/Optional NVRAM
SC827	Self-Diagnostic Error: RAM
SC828	Self-Diagnostic Error: ROM
SC829	Self-Diagnostic Error: Optional RAM
SC835	Self-Diagnostic Error: Parallel Interface/ Centronics
SC836	Self-Diagnostic Error: Resident Font ROM
SC837	Self-Diagnostic Error: Optional Font ROM
SC838	Self-Diagnostic Error: Clock Generator
SC850	Network I/F Abnormal
SC851	IEEE 1394 I/F Abnormal
SC860	Startup Without HD Connection at Main Power On
SC861	Startup Without HD Detection at Power Key On/Hard Drive Retry Error
SC862	Maximum number of Bad Sectors Detected on HD
SC863	Startup without HD Data Lead Hard Drive Data Read Failure
SC864	HD Data CRC Error
SC865	HD Access Error
SC900	Electronic Total Counter Error Black Total Counter Not On
SC901	Mechanical Total Counter Error Black Total Counter Not Off
SC902	FC Total Counter Does Not Turn Off Lower Toner Counter Error
SC903	FC Total Counter Does Not Turn Off
SC921	IMB Memory Control Error
SC922	IMB DRAM Error
SC924	Optional DRAM Error
SC925	IMB Non-Connected Error
SC926	Memory Capacity Error
SC951	F-gate Signal Error 2/Write Request

Error Code	Description
SC953	Scanner Image Setting Error
SC954	Printer Image Setting Error
SC955	Memory Setting Error
SC956	Scanner Setting ID Error
SC957	Scanner Return ID Error
SC958	Scanner Ready ID Error
SC959	Printer Setting ID Error
SC960	Printer Return ID Error
SC961	Printer Ready ID Error
SC962	Memory Setting ID Error
SC963	Memory Finishing ID Error
SC964	Printer Ready Error
SC970	Scanner Ready Error
SC980	HDD Access Error
SC981	HDD Response Error NVRAM Error
SC982	HDD Construction Error
SC984	HDD Response Error Print Image Data Transfer Error
SC985	Scanner Image Data Transfer Error
SC986	Software Write Parameter Setting Error Communication Error Between BICU & IOB
SC990	Software Performance Error
SC991	Software Continuity Error
SC996	FCU Board Error
SC997	Application Function Selection Error
SC998	Application Start Error
SC999	Program Download Error
SC1101	FCU Error
SC1102	Handshake error with BICU at Startup
SC1111	Command TX/RX Error to/from BICU
SC1112	Base Copier's Engine was Reset
SC1120	Interface Module Error
SC1201	Unrecoverable FCU-SRAM Error
SC1207	Unrecoverable Fax Function Upgrade-SRAM Error
SC1299	Software Error
SC1301	Original Size Error (Fax)
SC1302	Scanner Parameter Error
SC1303	Software Error (Fax)

Error Code	Description
SC1304	Software Error (Fax)
SC1305	Software Error (Fax)
SC1306	Software Error (Fax)
SC1308	Software Error (Fax)
SC1310	Software Error
SC1311	Software Error
SC1312	Software Error
SC1313	Software Error (Fax)
SC1314	Software Error (Fax)
SC1316	Software Error (Fax)
SC1318	Software Error (Fax)
SC1323	Software Error (Fax)
SC1324	Software Error (Fax)
SC1326	Software Error (Fax)
SC1328	Software Error (Fax)
SC1334	Software Error (Fax)
SC1338	Software Error (Fax)
SC1401	Software Error/Command Time-out after Scanning
SC1402	Software Error (Fax)
SC1403	Software Error (Fax)
SC1405	Software Error/Command Time-out during Storage
SC1406	Command Time-out-Original Feed out
SC1410	Software Error (Fax)
SC1601	Software Error (Fax)
SC2001	Controller Error