

FAULT CODES AND DESCRIPTIONS

1-300 The Control Logic has detected that the Front Door Cover is open.

1-304 This RAP should be used to repair the left-hand Cover Interlock circuit.

2-310 This Fault Code indicates that the UI Panel failed.

2-340 This Fault Code is detected at power on and indicates that the UI PWB RAM Test failed.

3-311 The IOT-SYS Software Logic Failure was detected after a certain time period (the NVM value).

3-315 Fault Code indicates that a communication failure between the IOT PWB and the Post IPS PWB was detected.

3-317 This Fault Code indicates that a communications failure between the UI PWB and the IOT PWB was detected.

3-318 This Fault Code indicates that a communication failure between the IOT PWB and the IPS PWB was detected.

3-319 Fault Code indicates a communication failure between the IOT PWB and the MailBox PWB.

3-327 Fault Code indicates a communication failure between the IOT PWB and the DDI IISS.

3-328 Fault Code indicates that a communication failure between the IOT PWB and the DDI IISS was detected.

3-329 Fault Code indicates that a communication failure between the IOT PWB and the DDI IISS was detected.

3-330 Fault Code indicates that a communication failure between the IOT PWB and the DDI IISS was detected.

3-333 This Fault Code indicates that a communications failure was detected between the Foreign Interface PWB and the IOT

3-340 This Fault Code indicates that it was detected at power on that the IOT PWB RAM Test failed.

3-356 This Fault Code indicates that the IOT PWB NVM test failed and was detected at Power On.

3-380 fault indicates that the TR0 signal was not received on time.

3-393 This fault code is declared when the limit of the allowable number of times to write on to the EEPROM of the Half-Tone PWB is reached.

3-394 This fault code is declared when the limit of the allowable number of times to write on the EEPROM of the IOT CPU PWB is reached.

3-395 This fault code is declared when writing to the EEPROM of the Half-Tone PWB failed.

3-396 This fault code is declared when writing to the EEPROM of the IOT CPU PWB failed.

3-397 This fault is declared when the data stored is mismatched, or when an automatic correction was impossible after a billing mismatch occurred.

3-510 fault code indicates that a tray containing the size of paper closest to the size of the image was not detected while APS was enabled.

3-511 Fault Code indicates that the Tray selected by the APS was not in position.

3-512 Fault Code indicates that the Tray selected by the APS had no paper.

3-518 Fault Code indicates that the Tray selected by the APS had no paper.

3-527 Fault Code indicates that the original returned according to the original return instruction did not match the size or color of the original recognized by the machine because it was returned by mistake on the part of the user

3-528 Fault Code indicates that the machine does not recognize the document size automatically detected.

3-529 Fault Code indicates that the result of the magnification calculation was outside of the range of 25%~400%.

3-530 Fault Code indicates that the result of the magnification calculation was outside of the range of 25%~400%.

3-535 Fault Code indicates that the whole image did not fit to the paper.

3-536 Fault Code indicates that no original is on the platen.

3-537 Fault Code indicates that the specified number of images did not fit on the paper.

3-538 Fault Code indicates that no image fit to paper.

3-539 Fault Code indicates that magnification of the output was specified at beyond 400% at continuous enlargement copying mode.

3-541 Fault Code indicates that the tray corresponding to the standard size of paper slightly larger than the size of the image did not exist while executing the APS.

3-542 Fault Code indicates that the calculated magnification was beyond the range of 400%~25%.

3-543 Fault Code indicates that the rotation could not be done because the magnification exceeded 100%.

3-550 Fault Code indicates that there was no position-detection patch on the original while executing an automatic "KAICHO" revision.

3-560 Fault Code indicates that it reached the pre-set copy limit value (specified for/by the User Password at the Auditron Administrator Mode) during the copying operation.

3-580 This Fault Code is declared when the machine was not able to receive the print from/against the Hint within the specified time.

3-581 The Dead Cycle continued for more than two minutes.

3-600 This Fault Code is declared when after the job ended, the billing mismatch occurred and automatic correction implemented.

3-601 After the job ended, the billing mismatch occurred, and automatic correction implemented.

3-602 This Fault Code is declared when after the job ended, the billing mismatch occurred, and automatic correction was implemented.

OF4-001 Main Motor RAP

This RAP is used to repair the Main Motor and Drum Motor circuit failures when directed by another RAP.

OF4-002 Drum Motor RAP

This RAP is used to repair the Main Motor and Drum Motor circuit failures when directed by another RAP.

5-110 The DADF Registration Sensor did not actuate within 650 m sec after the DADF Transport Motor was energized.

5-111 The DADF Registration Sensor did not actuate within 640 m sec. after the DADF Transport Motor was energized while feeding the original.

5-112 The DADF Registration Sensor did not actuate within 500 m sec. after the DADF Transport Motor was energized during reversal of the original.

5-113 The DADF Registration Sensor did not actuate within 1,150 m sec. after the DADF Transport Motor was energized during reversal of the original.

5-115 The DADF Exit Sensor did not actuate within 800 m sec. after the DADF Transport Motor was energized, while exchanging or discharging the original.

5-116 The DADF Exit Sensor did not deactuate within 650 m sec after it was actuated.

5-189 The Control Logic has detected the document Handler was raised while running a DADF job.

5-195 The DADF Control PWB detected different sized documents when the mixed sized feature has not been selected.

5-196 The DADF Document Sensor detected paper when power was switched on.

5-197 The DADF Registration Sensor has detected the presence of a document after the power was switched on and the DADF Top Cover was closed.

5-198 The DADF Exit Sensor has detected the presence of a document after the power was switched on and the DADF Top Cover was closed.

5-199 The DADF Duplex has detected the presence of a document after the power was switched on and the DADF Top Cover was closed.

5-274 The Control Logic has detected a DADF Size Sensor 1 or DADF Size Sensor 2 failure or a DADF Ram Test failure after switching the power on or placing the originals in the Entrance Tray.

5-275 The Control Logic has detected a DADF Size Sensor 1 or DADF Size Sensor 2 failure or a DADF Ram Test failure after switching the power on or placing the originals in the Entrance Tray.

5-301 The DADF Control PWB detected a signal from the Top Cover Front and/or Rear Interlock Switches indicating that the DADF Top Cover is open at the start of print or during print run.

5-500 The DADF Control PWB detected that the original was removed from the Entrance Tray after the DADF started operating.

5-501 The Control Logic has detected that an automatically detected size of the original was irregular.

5-503 The Missing Document Reset fault code (05-503) is displayed when the Control Logic has detected that after counting and returning the originals, there is a mismatch between the number of pages counted and the actual number of pages.

5-999 A document misfeed occurred during or after ADF Jam Recovery.

OF5-1 Jam Recovery problems occur when a jam clearance activity results in the complete re-copying of a set of documents, instead of resuming the copy job at the point where the jam occurred.

6-275 The Control Logic has detected the Platen Angle Sensor is not in the correct state for the Job Programmed.

6-277 The Pre IPS PWB detected a communication fault between the DADF Control PWB and the Pre IPS PWB.

6-300 A fault code for Platen Cover Open appears even when the Platen Cover is physically closed.

6-312 The Control Logic has detected a communication error between the POST IPS PWB and the MEM SYS PWB.

6-340 The Pre IPS PWB Ram Test detected a failure at power on.

6-345 A Failure was detected when writing to the NVM and a communication failure with the EEPROM when writing into the Pre IPS PWB NVM.

6-355 The IIT Driver PWB detected a control error caused by an IPS Fan failure. This error is not detected during document scan.

6-360 The Control Logic detected the Carriage out of position during Carriage Initialization

6-361 The IIT Driver PWB detected an inability to control the Carriage during carriage during initialization.

6-371 The IIT Driver PWB detected a control error caused by an Exposure Lamp power failure.

6-389 The IIT Regi (Registration) Sensor detected an overrun during Full Rate Carriage scanning.

6-390 The IIT Regi (Registration) Sensor detected an overrun during Full Rate return.

6-391 The IIT Regi (Registration) Sensor changed to high when the Carriage Initialization Started.

6-500 The Control Logic has detected that the Exposure Lamp Light did not reach the specified value at Start.

6-615 The Control Logic has detected that the measured b^* is out of the specific range.

6-620 The Control Logic has detected that the measured reflective rate for each color is out of the specific range.

7-281 The Tray 1 Stack Height Sensor failed to change state within the specified time after Tray 1 Feed/Lift Motor was energized.

7-282 The Tray 2 Stack Height Sensor failed to change state within the specified time after Tray 2 Lift/Feed Motor was energized.

7-283 The Tray 3 Stack Height Sensor (PL 2.5) failed to change state within the specified time after Tray 3 Feed/Lift Motor was energized.

7-284 The Tray 4 Stack Height Sensor failed to change state within the specified time after Tray 4 Feed/Lift Motor was energized.

7-286 The Tray 5 Stack Up Sensor failed to change state within 3 seconds after the Tray 5 Feed/Lift Motor Up was energized.

7-287 The Tray 5 Stack Down Sensor failed to change state within 3 seconds after the Tray 5 Feed/Lift Motor Down was energized.

7-340 The IOT detected that all Paper Trays are not functional.

7-500 The machine detected that the Tray is out of position during the Job.

7-501 The machine detected no paper in the paper tray selected.

7-501 The machine detected that the paper size width is not being detected correctly in Tray 5.

7-503 The machine detected that the paper size length is not being detected correctly for Tray 5.

7-504 The machine detected that the paper size changed during the Job.

7-600 The machine detected that Tray 5 Side Guide was outside the specified range.

8-104 The Tray 1 Prefeed Sensor did not detect paper within the specified time after the prefeed started.

8-105 The Tray 1 Feed Out Sensor did not detect paper within the specified time after the prefeed started.

8-107 The Tray 1 Feed Out Sensor detected paper when closing the Front Cover or when power was switched on.

8-109 The Tray 2 Prefeed Sensor did not detect paper within the specified time after the prefeed started.

8-110 The Tray 2 Feed Out Sensor did not detect paper within the specified time after the prefeed started.

8-112 The Tray 2 Feed Out Sensor detected paper when closing the Front Cover or when power was switched on.

8-114 The Tray 3 Prefeed Sensor did not detect paper within the specified time after the prefeed started.

- 8-115** The Tray 3 Feed Out Sensor did not detect paper within the specified time after the prefeed started.
- 8-117** The Tray 3 Feed Out Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-119** The Tray 4 Prefeed Sensor did not detect paper within the specified time after the prefeed started.
- 8-120** The Tray 4 Feed Out Sensor did not detect paper within the specified time after the prefeed started
- 8-122** The Tray 4 Feed Out Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-135** The Tray 5 Feed Sensor did not detect paper within the specified time after the feed started
- 8-139** The Tray 5 Feed Sensor detects paper at all times.
- 8-147** The Takeaway Sensor did not actuate within 0 - 80 m sec after the Tray 1 feed started.
- 8-148** The Takeaway Sensor did not actuate within 220 - 320 m sec after the Tray 2 feed started.
- 8-149** The Takeaway Sensor did not actuate within 450 - 520 m sec after the Tray 3 feed started.
- 8-150** The Takeaway Sensor did not actuate within 620 - 720 m sec after the Tray 4 feed started.
- 8-152** The Takeaway Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-154** The Pre Registration Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-157** The Registration Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-158** The Pre IBT Sensor detected paper when closing the Front Cover or when power was switched on.
- 8-163** The Pre IBT Sensor did not actuate within the specified time after the Registration Feed started:
- 8-171** The Pre Registration Sensor did not actuate with 80 - 180 m sec after the feed started from Tray 1.
- 8-172** The Pre Registration Sensor did not actuate with 320 - 420 m sec after the feed started from Tray 2.
- 8-173** The Pre Registration Sensor did not actuate with 520 - 620 m sec after the feed started from Tray 3.
- 8-174** The Pre Registration Sensor did not actuate with 720 - 820 m sec after the feed started from Tray 4.
- 8-175** The Registration Sensor did not actuate with 562 - 1010 m sec after the feed started from Tray 5.
- 8-176** The Registration Sensor did not actuate with 316 - 416 m sec after the feed started from Tray 1.
- 8-177** The Registration Sensor did not actuate with 556 - 656 m sec after the feed started from Tray 2.
- 8-178** The Registration Sensor did not actuate with 756 - 856 m sec after the feed started from Tray 3.
- 8-179** The Registration Sensor did not actuate with 956 - 1056 m sec after the feed started from Tray 4.
- 8-305** The Tray 5 Interlock is detected open.
- 8-306** The Drawer Interlock is detected open.
- 9-271** Control Logic has detected that the Yellow dispenser is empty.
- 9-272** Control Logic has detected that the Magenta dispenser is empty.
- 9-273** Control Logic has detected that the Cyan dispenser is empty.
- 9-274** Control Logic has detected that the Black dispenser is empty.
- 9-311** Xerographic CRU (Drum) Type Mismatch. The Control Logic detected that the Xerographic CRU (Drum) that is installed in the machine is not the correct type for this product.
- 9-342/9-432** The Control Logic has detected that the 2nd BTR failed to contact the IBT.
- 9-343/9-433** The Control Logic has detected that the 2nd BTR failed to retract.
- 9-344/9-434** The Control Logic has detected that the IBT Cleaner failed to contact the IBT.
- 9-345/9-435** The Control Logic has detected that the IBT Clean Blade failed to retract from the IBT.
- 9-354** This fault code appears when any one of the following conditions occurs: the Low Toner Sensor detects that there is no toner for a period of 2 seconds; the low toner sensor detects that there is no toner for a period of 500 seconds (approximately 8 minutes); or when the toner dispense motor remains energized.
- 9-355** This fault code appears when any one of the following conditions occurs: the Low Toner Sensor detects that there is no toner for a period of 2 seconds; the Low Toner Sensor detects that there is no toner for a period of 500 seconds (approximately 8 minutes); or when the toner dispense motor remains energized.

9-356 This fault code appears when any one of the following conditions occurs: the low toner sensor detects that there is no toner for a period of 2 seconds; the low toner sensor detects that there is no toner for a period of 500 seconds (approximately 8 minutes); or when the toner dispense motor remains energized.

9-357 Fault code appears when any one of the following conditions occurs: the low toner sensor detects that there is no toner for a period of 2 seconds; the low toner sensor detects that there is no toner for a period of 500 seconds (approximately 8 minutes); or when the toner dispense motor remains energized.

9-358 The Control Logic has determined that 130 copies have been made since the Cleaning Auger Stopped.

9-363 Control Logic detected that the Rotary did not reach the Home position

9-365/9-450 Control Logic has detected that the Yellow dispenser is almost empty.

9-366/9-451 Control Logic has detected that the Magenta dispenser is almost empty.

9-367/9-452 Control Logic has detected that the Cyan dispenser is empty.

9-368/9-453 Control Logic has detected that the Black dispenser is almost empty.

9-369 The Control Logic has detected that the Rotary Latch Solenoid failed to lock

9-370 The Control Logic has detected that the Rotary Latch Solenoid failed to unlock

9-372 Xerographic CRU (Drum) not in Position. The Control Logic detected that the Xerographic CRU (Drum) is not installed in the machine.

9-374 This status code is declared when the sensor detects there is no Waste Bottle, or that the Waste Bottle has been improperly installed.

9-376 Waste Bottle Full. This status code is declared when the number of copies reach a specific count after the Waste Toner Full Sensor has detected a full toner bottle.

9-378 Control Logic has detected that the count in the Xerographic CRU (Drum) Eprom has reached 40k.

9-379 Trickle Bottle Full. This status code is declared when the number of copies reach a specific count after the Trickle Toner Full Sensor has detected a full trickle bottle.

9-400 Control Logic has detected that the Black dispenser is almost empty.

9-402 Control Logic has detected that the Yellow dispenser is almost empty.

9-403 Control Logic has detected that the Magenta dispenser is almost empty.

9-404 Control Logic has detected that the Cyan dispenser is almost empty.

9-410 Control Logic has detected that the Xerographic CRU (Drum) is almost at the end of life.

9-420 Control Logic has detected that the Waste Bottle is almost full.

9-423 Control Logic has detected that the Trickle Bottle is almost full.

9-424 Control Logic has detected that the Cleaning Auger is almost full.

9-601 The measured humidity was out of the prescribed range.

9-610 The measured toned ADC patch was too light.

9-612 The measured toned TRC patch density is out of range.

9-614 The measured untoned ADC patch was out of range.

9-619 The measured untoned TRC patch density was out of range.

9-634 The selected gain for ADC was out of range.

9-662 The selected LD value was out of range.

9-667 The selected LD value was out of range.

10-102 The Pre Fuser Sensor did not actuate within the specified time after the Pre IBT Sensor actuated.

10-103 The Pre Fuser Sensor detected paper when closing the Front Cover or when power was switched on.

10-105 The Fuser Exit Sensor did not actuate within the specified time after the IBT Entrance Sensor actuated.

10-106 The Fuser Exit Sensor did not deactivate within the specified time after the Registration Feed started.

10-107 The Fuser Exit Sensor detected paper when closing the Front Cover or when power was switched on.

10-110 The Machine Exit Sensor did not actuate within the specified time after the Fuser Exit Sensor actuated.

10-111 When using either the inversion path or exit path, the Machine Exit Sensor did not deactivate within the specified time after it actuated.

10-112 The Machine Exit Sensor detected paper when closing the Front Cover or when power was switched on.

10-115 The Exit Path Sensor did not actuate within the specified time after the Fuser Exit Sensor actuated.

10-117 The Exit Path Sensor detected paper when closing the Inverter Cover or when the power was switched on.

10-120 The Inverter Path Sensor detected paper when closing the Inverter Cover or when the power was switched on.

10-125 The Inverter Path Sensor did not actuate within the specified time after the Fuser Exit Sensor actuated.

10-126 The Inverter Path Sensor did not deactivate within the specified time after the Fuser Exit Sensor deactivated.

10-127 The Registration Sensor did not actuate within the specified time after the start of Paper Feed in Duplex Mode.

10-128 The Pre Registration Sensor did not actuate within the specified time after the start of Paper Feed in Duplex Mode.

10-130 The Duplex In Sensor did not actuate within the specified time after the start of Reverse Feed.

10-132 The Duplex Path Sensor did not actuate within the specified time after the start of Reverse Feed.

10-133 The Duplex Out Sensor did not actuate within the specified time after the start of Reverse Feed.

10-160 Duplex In Sensor Paper Static Jam.

10-162 Duplex Path Sensor Paper Static Jam.

10-163 Duplex Out Sensor Paper Static Jam.

10-280

- At initialization, the Offset Home Sensor did not detect the home position after OCT reversal.
- During offset, movement of the Stacker to the offset position was not detected by the Offset Home Sensor
- During offset, movement of the Stacker to the home position was not detected by the Offset Home Sensor

10-300 The Inverter Cover is detected open.

10-341 Fuser Oil Empty. This status code is declared when approximately 2000 - 4000 pages (Prints or Copies) have been made since Oil Near Empty Condition.

10-342 The Web Supply Roll is empty. The customer should install a new Web CRU.

10-355 The External Heat Roll Retract Sensor did not go L within 5 seconds after the External Heat Roll Retract Motor started rotating.

10-356 The External Heat Roll Retract Sensor did not go H within 5 seconds after the External Heat Roll Retract Motor started rotating.

10-359 The Heat Roll Control Thermistor detected an abnormal resistance value continuously for more than 1500 m sec (Heat Roll Control Thermistor disconnected).

10-360 The Heat Roll Overheat Thermistor detected an abnormal resistance value continuously for more than 1500 m sec (Heat Roll Overheat Thermistor disconnected).

10-361 The Heat Roll did not reach the Ready temperature within 12 minutes after Power On.

10-362 The Heat Roll Lamp was On continuously for 90 seconds during Standby Mode, but the Heat Roll did not reach operating temperature.

10-363 The Heat Roll Lamp was On continuously for 3 minutes after the current job completed, but the Heat Roll did not reach operating temperature.

10-364 The Heat Roll declared Not Ready during a job and the Heat Roll Lamp was On continuously for 4 minutes after the machine stopped, but the Heat Roll did not reach operating temperature.

10-366 The Heat Roll Control Thermistor detected a temperature in excess of 230° C (446° F) on the Heat Roll.

10-367 Heat Roll Overheat Thermistor detected a temperature in excess of 230° C (446° F) on the Heat Roll.

10-368 The Pressure Roll Control Thermistor detected an abnormal resistance value continuously for over 1500 m sec (Pressure Roll Control Thermistor disconnected).

10-369 The Pressure Roll Overheat Thermistor detected an abnormal resistance value continuously for over 1500 m sec (Pressure Roll Overheat Thermistor disconnected).

10-370 The Pressure Roll did not reach the Ready temperature within 8 minutes after Power On.

10-371 The Pressure Roll Heater Rod was On continuously for 90 seconds during the Standby Mode, but the Pressure Roll did not reach operating temperature.

10-372 The Pressure Roll Lamp was On continuously for 3 minutes after the current job completed, but the Pressure Roll did not reach operation temperature.

10-373 The Pressure Roll declared Not Ready during a job and the Pressure Roll Lamp was On continuously for 3 minutes after the machine stopped, but the Pressure Roll did not reach operation temperature.

10-375 The Pressure Roll Control Thermistor detected a temperature in excess of 230° C (446° F) on the Pressure Roll.

10-376 The Pressure Roll Overheat Thermistor detected a temperature in excess of 230° C (446° F) on the Pressure Roll.

10-377 The External Heat Roll Control Thermistor detected an abnormal resistance value continuously for 1500 m sec (External Heat Roll Control Thermistor disconnected).

10-378 The External Heat Roll Overheat Thermistor detected an abnormal resistance value continuously for 1500 m sec (External Heat Roll Overheat Thermistor disconnected).

10-379 The External Heat Roll did not reach the Ready temperature within 5 minutes after Power On.

10-382 The External Heat Roll Lamp was On continuously for 1 minute during the Standby Mode, but the External Heat Roll did not reach operating temperature.

10-383 The External Heat Roll Lamp was On continuously for 3 minutes after the current job completed, but the External Heat Roll did not reach operating temperature

10-384 The External Heat Roll declared Not Ready during a job and the External Heat Roll Lamp was On continuously for 3 minutes after the machine stopped, but the External Heat Roll did not reach operating temperature.

10-386 The External Heat Roll Control Thermistor detected a temperature in excess of 230° C (446° F) on the External Heat Roll.

10-387 The External Heat Roll Overheat Thermistor detected a temperature in excess of 230° C (446° F) on the External Heat Roll.

10-389 The Nip Sensor did not go L within 5 seconds after the Fuser Nip Clutch was energized (Pressure Roll started moving against the Heat Roll).

10-390 The Nip Sensor did not go H within 5 seconds after the Fuser Nip Clutch was energized to retract the Pressure Roll.

10-391 The Failure detection circuit (hardware) indicated an abnormal operation but a failure did not occur for the Heat Roll, Pressure Roll and External Heat Roll.

10-398 The Fuser Fan Failed.

10-399 The Fuser Intake Fan Failed.

10-421 The Oil Empty Sensor detected the Oil Near Empty Condition continuously for 5 seconds.

10-422 A faulty connection has occurred between the Web CRU and the IOT Drive PWB.

10-500 The Web CRU detection circuit detected that the CRU was not present or was not fully seated.

10-900 The Fuser temperature fell below the normal value during the job. The machine cycled down and temporarily stopped the copying job; and when it reached the operating temperature, canceled the above condition and started again automatically (the job resumes).

11-107 The OCT Exit Sensor did not detect the lead edge of the paper within the specified time after the Decurler Exit Sensor detected the lead edge of the same paper.

11-108 The OCT Exit Sensor did not deactuate within the specified time after the OCT Exit Sensor actuated.

11-109 The OCT Exit Sensor did not detect the lead edge of the paper within the specified time after the Decurler Exit Sensor detected the trail edge of the same paper.

11-110 The Control Logic detected that paper remained on the Decurler Exit Sensor at power on.

11-111 The Control Logic detected that paper remained on the Decurler Exit Sensor at power on.

11-115 The MailBox Vertical Sensor did not detect the lead edge of the paper within the specified time after the Decurler Exit Sensor detected the lead edge of the same paper.

11-116 The MailBox Vertical Sensor did not detect the Trail edge of the paper within the specified time after the MailBox Vertical Sensor detected the lead edge of the same paper.

11-142 The V-Tra In Sensor did not detect the lead edge of the paper within the specified time after the Decurler Exit Sensor detected the lead edge of the same paper.

11-143 The V-Tra In Sensor did not deactuate within the specified time after the V-Tra In Sensor actuated.

11-144 The V-Tra In Sensor did not detect the lead edge of the paper within the specified time after the Decurler Exit Sensor detects the lead edge of the same paper.

11-145 The Decurler Exit Sensor did not detect the lead edge of the paper within the specified time after the M/C Exit Sensor detected the lead edge of the same paper.

11-146 The Decurler Exit Sensor did not detect the lead edge of the paper within the specified time after the MC Exit Sensor detected the lead edge of the same paper.

11-190 The Control Logic detected that paper remained on the V-Tra In Sensor at power on.

11-191 The Control Logic detected that paper remained on the MailBox Vertical Sensor at power on.

11-192 The Control Logic detected that paper remained on the Oct Exit Sensor at power on.

11-273 The Control Logic determined that either the Offset Home Sensor or the Offset Position Sensor did not detect the OCT position within 600msec. for three consecutive attempts.

11-301 Front Cover A Interlock Open Failure. This status code is declared when the Mailbox Front Door Interlock is open.

11-302 Front Cover B Interlock Open Failure. This status code is declared when the MailBox Front Cover is open.

11-303 Docking Interlock Open failure. This status code is declared when the MailBox is not properly docked.

11-350 This status code is declared when the Decurler Cam Position Sensor did not energize within the specified time (1400msec) after the Decurler Clutch is energized

11-512 The Control Logic detected that the Offset Catch Tray/Simple Catch Tray is full.

11-911 The Control Logic detected that Bin 1 is full

11-912 The Control Logic detected that Bin 2 is full.

11-913 The Control Logic detected that Bin 3 is full.

11-914 The Control Logic detected that Bin 4 is full.

11-915 The Control Logic detected that Bin 5 is full.

11-916 The Control Logic detected that Bin 6 is full.

11-917 The Control Logic detected that Bin 7 is full.

11-918 The Control Logic detected that Bin 8 is full.

11-919 The Control Logic detected that Bin 9 is full.

11-920 The Control Logic detected that Bin 10 is full.

11-921 The Control Logic detected that the Offset Catch Tray is full.

11-922 The Control Logic has determined that bin 10 is full while operating in the Stack Mode.

14-372 The SOS Sensor did not change to Low within the specified time after the Polygon Motor was energized.

14-376 The System wrote data in the Asic Register on the Half Tone PWB, but could not read the data.

14-380 The SOS Interval became longer than normal while the Polygon Motor was energized.

14-384 The SOS Interval became shorter than normal while the Polygon Motor was energized.

14-388 The Control Logic detected a ROS Pickup ASIC Failure

15-281 The BR PWB Detected paper money during the first scan.

15-284 The BR PWB detected currency on the Platen during the 2nd scan.

15-342 The control logic detected a POST IPS NVM Test Failure at power on.

15-361 The POST IPS PWB I/O Port reported an error at power on.

15-362 Communication Failure between the Pre IPS PWB and the BR PWB.

15-363 The control logic detected a memory clearance error.

15-365 The control logic detected that the POST IPS PWB could not detect a change in the signal from the Pre IPS PWB.

15-367 The control logic on the Pre IPS PWB detected a hardware failure.

15-370 The control logic on the Pre IPS PWB detected a hardware failure.

15-371 The control logic on the Pre IPS PWB detected a hardware failure.

The Automatic Gain Control (AGC) for a specific channel from the CCD PWB failed.

15-380: CCD Channel 1 RED (odd) AGC Fail

15-381: CCD Channel 2 RED (even) AGC Fail.

15-382: CCD Channel 3 GREEN (odd) AGC Fail.

15-383: CCD Channel 4 GREEN (even) AGC Fail.

15-384: CCD Channel 5 BLUE (odd) AGC Fail.

15-385: CCD Channel 6 BLUE (even) AGC Fail.

The Automatic Offset Control (AOC) for a specific signal from the CCD PWB could not set the value within range.

15-386: CCD Channel 1 RED (odd) AOC Fail

15-387: CCD Channel 2 RED (even) AOC Fail

15-388: CCD Channel 3 GREEN (odd) AOC Fail

15-389: CCD Channel 4 GREEN (even) AOC Fail

15-390: CCD Channel 5 BLUE (odd) AOC Fail

15-391: CCD Channel 6 BLUE (even) AOC Fail

15-560 The control logic determined that the Image Output was requested during the transaction of the POST IPS PWB.

19-001 fault is a DC Power failure to the IDFE. The green Power LED on the IDFE, when de-energized, indicates a 19-001 fault.

19-002 fault is a BIOS-level hard fault that was detected at power up. A continuously energized red Failure LED indicates that a 19-002 fault has occurred.

19-003 fault indicates that the applications software could not be successfully loaded and executed. The amber Heartbeat LED on the IDFE, when continuously energized or de-energized, indicates a 19-003 fault.

19-004 fault indicates that the internal loop-back test failed for the printer interface. The red Failure LED on the IDFE, when energized for 0.25 seconds and de-energized for 2.0 seconds in a continuously repeated pattern indicates a 19-004 fault.

19-005 fault indicates that a problem occurred in the DDI Power-On Sequence Test. The red Failure LED on the IDFE, energizing twice at 0.25-second intervals and then de-energizing for 2.0 seconds in a continuously repeated pattern, indicates a 19-005 fault.

19-006 fault indicates that the UART communication channel for the print path failed the internal loop-back test.

19-007 fault indicates a failure in the DDI Power-on Sequence Test by the DDI Client and the Link Layer protocols. The red Failure LED on the IDFE, energizes four times at 0.25-second intervals and then de-energizes for 2 seconds in a continuously repeated pattern.

19-012 fault indicates that the hardware link to the network has failed. When the Link LED is de-energized a 19-012 fault is indicated.

19-013 fault indicates that the IDFE fails to detect network traffic flow. When the Activity LED is in the energized state, this is an indication of the 19-013 fault.

19-014 fault indicates that the IDFE failed to detect the proper speed of the Ethernet network to which it is connected.

19-015 fault indicates that the IDFE failed to detect the proper speed of the Token Ring to which it is connected.

19-016 This RAP is used to isolate problems related to the IDFE Token Ring PWB.

Input Component Control Codes

ID	Description	Module_ID
001-200	POWER SAVE BUTTON	System
001-201	FOREIGN INTERFACE EXIST	System
001-202	PWS EXIST	System
001-300	FRONT DOOR INTERLOCK	Processor
001-304	LEFT HAND COVER INTERLOCK	Processor
001-306	DRAWER HANDLE INTERLOCK	Processor
003-213	TRO SENSOR	Processor
005-102	DOCUMENT SENSOR	DADF
005-110	REGI SENSOR	DADF
005-115	EXIT SENSOR	DADF
005-119	DUP SENSOR	DADF
005-150	1 SIZE SENSOR	DADF
005-151	2 SIZE SENSOR	DADF
005-201	EXCHANGE FROM IISS	DADF
005-300	PLATEN I/L SWITCH	DADF
005-301	TOP COVER I/L SWITCH	DADF
006-201	SHEET ABORT	IIT
006-212	REGI SENSOR	IIT
006-240	DADF EXIST	IIT
006-251	APS SENSOR 1	IIT
006-253	APS SENSOR 3	IIT
006-272	PW-0	IIT
006-280	FAN FAIL	IIT
006-300	PLATEN I/L SWITCH	IIT
006-301	ANGLE SENSOR	IIT
007-100	HCF FEED TAR SENSOR	HCF
007-185	HCF Exist	HCF
007-186	HCF STACK HEIGHT SENSOR	HCF
007-187	HCF 8.5x11 / A4 SWITCH	HCF
007-188	NO PAPER SENSOR	HCF
007-189	TRAY CLOSED SWITCH	HCF
007-190	HCF FEED HOT LINE	HCF
007-308	HCF INTERLOCK SWITCH	HCF
008-104	#1 PRE FEED SENSOR	Processor
008-105	#1 FEED OUT SENSOR	Processor
008-109	#2 PRE FEED SENSOR	Processor
008-110	#2 FEED OUT SENSOR	Processor
008-114	#3 PRE FEED SENSOR	Processor
008-115	#3 FEED OUT SENSOR	Processor
008-119	#4 PRE FEED SENSOR	Processor
008-120	#4 FEED OUT SENSOR	Processor
008-135	TRAY 5 FEED SENSOR	Processor

008-150	TAKE AWAY SENSOR	Processor
008-153	PRE REGI SENSOR	Processor
008-155	REGI SENSOR	Processor
008-163	BEHIND REGI JAM SENSOR	Processor
008-198	TRANSPERENCY (OHP) 1 SENSOR	Processor
008-199	OHP 2 SENSOR	Processor
008-221	#1 TRAY STACK HEIGHT (LEVEL) SENSOR	Processor
008-222	#2 TRAY STACK HEIGHT (LEVEL) SENSOR	Processor
008-223	#3 TRAY STACK HEIGHT (LEVEL) SENSOR	Processor
008-224	#4 TRAY STACK HEIGHT (LEVEL) SENSOR	Processor
008-226	#5 TRAY (BYPASS) STACK HEIGHT LEVEL UP SENSOR	Processor
008-227	#5 TRAY (BYPASS) STACK HEIGHT LEVEL DOWN SENSOR	Processor
008-231	#1 TRAY NO PAPER SENSOR	Processor
008-232	#2 TRAY NO PAPER SENSOR	Processor
008-233	#3 TRAY NO PAPER SENSOR	Processor
008-234	#4 TRAY NO PAPER SENSOR	Processor
008-236	TRAY 5 PAPER SENSOR	Processor
008-240	#2 TRAY SIZE S/W 1	Processor
008-241	#2 TRAY SIZE S/W 2	Processor
008-242	#2 TRAY SIZE S/W3	Processor
008-243	#2 TRAY SIZE S/W4	Processor
008-245	#3 TRAY SIZE S/W1	Processor
008-246	#3 TRAY SIZE S/W2	Processor
008-247	#3 TRAY SIZE S/W 3	Processor
008-248	#3 TRAY SIZE S/W 4	Processor
008-250	#4 TRAY SIZE S/W 1	Processor
008-251	#4 TRAY SIZE S/W 2	Processor
008-252	#4 TRAY SIZE S/W 3	Processor
008-253	#4 TRAY SIZE S/W 4	Processor
008-305	Tray 5 Interlock	Processor
008-306	DRAWER HANDLE INTERLOCK	Processor
009-215	2ND BELT TRANSFER ROLL HOME POSITION	Processor
009-216	IBT CLEANER RETRACT HOME POSITION	Processor
009-217	OIL ROLL RETRACT HOME POSITION	Processor
009-220	ROTARY HOME POSITION SENSOR	Processor

009-237	ROTARY LOCK MECH SENSOR	Processor
009-245	CRU POSITION	Processor
009-246	CRU TYPE	Processor
009-248	WASTE AUGER ROTATE SENSOR	Processor
009-249	WASTE BOTTLE POSITION SENSOR	Processor
009-250	WASTE BOTTLE FULL SENSOR	Processor
009-251	TRICKLE BOTTLE SENSOR	Processor
009-255	LOW TONER SENSOR K	Processor
009-257	LOW TONER SENSOR Y	Processor
009-258	LOW TONER SENSOR M	Processor
009-259	LOW TONER SENSOR C	Processor
010-100	FUSER ENTRANCE SENSOR	Processor
010-105	FUSER EXIT SENSOR	Processor
010-110	MACHINE EXIT SENSOR	Processor
010-115	EXIT PATH SENSOR	Processor
010-125	INVERT PATH SENSOR	Processor
010-130	DUPLEX IN SENSOR	Processor
010-132	DUPLEX PATH 1 SENSOR	Processor
010-133	DUPLEX OUT SENSOR	Processor
010-220	PRESSURE ROLL RETRACT SENSOR	Processor
010-221	EXTERNAL HEAT ROLL RETRACT SENSOR	Processor
010-222	OIL SENSOR	Processor
010-223	WEB CRU HOME	Processor
010-224	IIT HOTLINE	Processor
010-296	OCT DETECT	Processor
010-297	OCT FULL SENSOR	Processor
010-298	OCT HOME SENSOR	Processor
010-299	OCT POSITION SENSOR	Processor
010-300	INVERT COVER INTERLOCK	Processor
011-107	OCT EXIT SENSOR	Sorter
011-115	MAILBOX VERTICAL SENSOR	Sorter
011-117	DECURLER EXIT SENSOR	Sorter
011-142	VERTICAL TRANSPORT IN SENSOR	Sorter
011-250	OCT DEVICE DETECT	Sorter
011-273	OCT OFFSET HOME SENSOR	Sorter
011-274	OCT OFFSET POSITION SENSOR	Sorter
011-275	OCT FULL STACK SENSOR	Sorter
011-276	DECURLER CAM POSITION SENSOR A	Sorter

011-277	DECURLER CAM POSITION SENSOR B	Sorter
011-281	BIN 1 FULL SENSOR	Sorter
011-282	BIN 2 FULL SENSOR	Sorter
011-283	BIN 3 FULL SENSOR	Sorter
011-284	BIN 4 FULL SENSOR	Sorter
011-285	BIN 5 FULL SENSOR	Sorter
011-286	BIN 6 FULL SENSOR	Sorter
011-287	BIN 7 FULL SENSOR	Sorter
011-288	BIN 8 FULL SENSOR	Sorter
011-289	BIN 9 FULL SENSOR	Sorter
011-290	BIN 10 FULL SENSOR	Sorter
011-301	MAILBOX FRONT COVER INTERLOCK SWITCH	Sorter
011-302	DECURLER FRONT COVER INTERLOCK SWITCH	Sorter
011-303	MBX DOCKING INTLK SWITCHES	Sorter
012-107	SCT EXIT SENSOR	Finisher
012-115	VERTICAL SENSOR	Finisher
012-120	COMPILER EXIT SENSOR	Finisher
012-142	MAILBOX ENTRANCE SENSOR	Finisher
012-145	DECURLER EXIT SENSOR	Finisher
012-200	MACHINE EXIT SENSOR	Finisher
012-210	STACKER FULL SENSOR	Finisher
012-212	STACKER FULL (MIXED SET SENSOR	Finisher
012-240	EJECT CLAMP SENSOR	Finisher
012-241	EJECT CLAMP HOME SENSOR	Processor
012-250	STACK HEIGHT SENSOR	Finisher
012-252	COMPILER PAPER SENSOR	Finisher
012-253	STACKER PAPER SENSOR	Finisher
012-259	STACKER UPPER LIMIT SENSOR	Finisher
012-260	STACKER LOWER LIMIT SENSOR	Finisher
012-265	TAMPER HOME SENSOR	Finisher
012-269	STAPLER FRONT CORNER SENSOR	Finisher
012-270	END WALL OPEN SENSOR	Finisher
012-271	STAPLE HEAD HOME SENSOR	Finisher
012-272	LOW STAPLE SWITCH	Finisher
012-273	STAPLE READY SENSOR	Finisher
012-274	CARTRIDGE SET SWITCH	Finisher
012-275	SCT FULL SENSOR	Finisher
012-276	DEC CAM POSITION SENSOR	Finisher
012-277	OFFSET HOME SENSOR	Finisher

012-278	STAPLE FRONT STRAIGHT SENSOR	Finisher
012-279	STAPLE REAR STRAIGHT SENSOR	Finisher
012-281	BIN 1 FULL SENSOR	Finisher
012-282	BIN 2 FULL SENSOR	Finisher
012-283	BIN 3 FULL SENSOR	Finisher
012-284	BIN 4 FULL SENSOR	Finisher
012-285	BIN 5 FULL SENSOR	Finisher
012-286	BIN 6 FULL SENSOR	Finisher
012-287	BIN 7 FULL SENSOR	Finisher
012-288	BIN 8 FULL SENSOR	Finisher
012-289	BIN 9 FULL SENSOR	Finisher
012-290	BIN 10 FULL SENSOR	Finisher
012-291	UNLOAD WHITE RUN SWITCH	Finisher
012-300	COMPILER COVER INTERLOCK SWITCH	Finisher
012-301	MAILBOX DOOR INTERLOCK SWITCH	Finisher
012-302	DECURLER DOOR INTERLOCK SWITCH	Finisher
012-303	DOCKING INTERLOCK SWITCH	Finisher
012-304	STAPLE DOOR INTERLOCK SWITCH	Finisher
012-306	COMPILER COVER SAFETY SWITCH	Finisher
014-260	ROS READY	
015-200	ITT IMAGE AREA	IIT

006-002	ITT EXPOSURE LEAP	IIT
006-003	COOLING FAN LOW SPEED	IIT
006-005	IIT SCAN MOTOR (Scan)	IIT
006-006	IIT SCAN MOTOR (Return)	IIT
006-007	FUSER CUT	IIT
006-013	COOLING FAN HIGH SPEED	IIT
006-086	IIT IMAGE AREA	IIT
006-091	EXCHANGE TO ADF	IIT
007-078	HCF FEED CLUTCH	HCF
007-079	HCF ELEVATE MOTOR	HCF
007-080	HCF FEED MOTOR	HCF
008-006	#1 NUDGER ROLL SOLENOID	Processor
008-007	#1 FEED MOTOR CCW	Processor
008-008	#1 FEED MOTOR CW	Processor
008-009	#1 TAKE AWAY FEED CLUTCH	Processor
008-011	#2 NUDGER ROLL SOLENOID	Processor
008-012	#2 FEED MOTOR CCW	Processor
008-013	#2 FEED MOTOR CW	Processor
008-014	#2 TAKE AWAY FEED CLUTCH	Processor
008-016	#3 NUDGER ROLL SOLENOID	Processor
008-017	#3 FEED MOTOR CCW	Processor
008-018	#3 FEED MOTOR CW	Processor
008-019	#3 TAKE AWAY FEED CLUTCH	Processor
008-021	#4 NUDGER ROLL SOLENOID	Processor
008-022	#4 FEED MOTOR CCW	Processor
008-023	#4 FEED MOTOR CW	Processor
008-024	#4 TAKE AWAY FEED CLUTCH	Processor
008-025	TAKE AWAY MOTOR	Processor
008-030	Tray 5 NUDGER ROLL SOLENOID	Processor
008-037	TRAY 5 FEED CLUTCH	Processor
008-049	TRAY 5 LIFTER MOTOR CCW (up)	Processor
008-042	TRAY 5 LIFTER MOTOR CW (down)	Processor
008-043	MAIN MOTOR 2	Processor
008-054	REGI MOTOR	Processor
009-011	CARTRIDGE MOTOR K	Processor
009-012	CARTRIDGE MOTOR Y	Processor
009-013	CARTRIDGE MOTOR M	Processor

Output Component Control Codes

ID	Description	Module_ID
003-001	TRD ENABLE	Processor
003-002	24 OK	Processor
004-007	MAIN MOTOR	Processor
004-009	FUSER MOTOR	Processor
004-021	DRUM MOTOR	Processor
005-011	SET GATE SOLENOID OPEN	DADF
005-012	SET GATE SOLENOID CLOSE	DADF
005-040	FEED MOTOR	DADF
005-055	BELT MOTOR CW	DADF
005-056	BELT MOTOR CCW	DADF
005-075	REGI GATE SOLENOID	DADF
005-081	EXIT MOTOR	DADF
005-083	DOC READY	DADF
005-084	DOC SET LED	DADF

009-014	CARTRIDGE MOTOR C	Processor
009-018	ROTARY LOCK MECH LATCH	Processor
009-021	DEVE MOTOR CLUTCH	Processor
009-025	IBT ROLL CONTACT	Processor
009-026	IBT ROLL RETRACT	Processor
009-031	DISPENSE MOTOR K	Processor
009-032	DISPENSE MOTOR Y	Processor
009-033	DISPENSE MOTOR M	Processor
009-034	DISPENSE MOTOR C	Processor
009-040	ADC LED	Processor
009-050	ERASE LAMP	Processor
009-057	2ND BELT TRANSFER ROLL	Processor
009-058	2ND BELT TRANSFER ROLL CONTACT	Processor
009-059	2ND BELT TRANSFER ROLL RETRACT	Processor
009-066	IBT CLEANER CONTACT	Processor
009-067	IBT CLEANER RETRACT	Processor
009-068	PRE CLEAN COROTRON DC	Processor
009-070	CHARGE COROTRON WIRE	Processor
009-074	SAW COROTRON DC	Processor
009-076	DEVE BIAS DC	Processor
009-077	DEVE BIAS AC COLOR	Processor
009-079	DEVE BIAS AC BLACK	Processor
009-081	CHARGE COROTRON GRID	Processor
009-085	ROTARY MOT FAN	Processor
009-088	BLOWER	Processor
009-089	CC FAN	Processor
010-004	FUSER FAN-LOW SPEED	Processor
010-005	INVERT GATE SOLENOID INVERT	Processor
010-006	INVERT GATE SOLENOID EXIT	Processor
010-018	FUSER FAN-HIGH SPEED	Processor
010-020	INVERT MOTOR CW	Processor
010-021	INVERT MOTOR CCW	Processor
010-023	PRESSURE ROLL CONTACT	Processor
010-024	PRESSURE ROLL RETRACT	Processor
010-025	INVERT ROLL NIP SOLENOID	Processor
010-026	INVERT ROLL RELEASE SOLENOID	Processor
010-027	EXTERNAL HEAT ROLL CONTACT	Processor

010-028	EXTERNAL HEAT ROLL RETRACT	Processor
010-029	EXTERNAL HEAT ROLL LAMP	Processor
010-030	HEAT ROLL LAMP	Processor
010-031	PRESSURE ROLL LAMP	Processor
010-032	WEB MOTOR	Processor
010-033	OIL PUMP	Processor
010-040	EXIT MOTOR	Processor
010-047	1ST BELT TRANSFER ROLL	Processor
010-050	DUPLEX OUT MOTOR	Processor
010-060	FUSER INT FAN-LOW SPEED	Processor
010-061	FUSER INT FAN-HIGH SPEED	Processor
010-085	OCT MOTOR REVERSE	Processor
010-086	OCT MOTOR FORWARD	Processor
011-005	MAILBOX DRIVE MOTOR	Sorter
011-010	DECURLER STEPPING MOTOR SPEED 60	Sorter
011-011	DECURLER STEPPING MOTOR SPEED 130	Sorter
011-012	DECURLER STEPPING MOTOR SPEED 220	Sorter
011-013	DECURLER STEPPING MOTOR SPEED 350	Sorter
011-081	OCT GATE SOLENOID OCT-ON	Sorter
011-082	OCT GATE SOLENOID BIN TRAY-ON	Sorter
011-083	BIN 2 GATE SOLENOID	Sorter
011-084	BIN 3 GATE SOLENOID	Sorter
011-085	BIN 4 GATE SOLENOID	Sorter
011-086	BIN 5 GATE SOLENOID	Sorter
011-087	BIN 6 GATE SOLENOID	Sorter
011-088	BIN 7 GATE SOLENOID	Sorter
011-089	BIN 8 GATE SOLENOID	Sorter
011-090	BIN 9 GATE SOLENOID	Sorter
011-091	BIN 10 GATE SOLENOID	Sorter
011-093	OCT OFFSET MOTOR FRONT	Sorter
011-095	OCT OFFSET MOTOR BACK	Sorter
012-005	MBX DRIVE MOTOR	Finisher
012-010	DEC MOTOR ON/OFF 60	Finisher
012-011	DEC MOTOR ON/OFF 130	Finisher
012-012	DEC MOTOR ON/OFF 220	Finisher
012-013	DEC MOTOR ON/OFF 350	Finisher
012-020	FINSHER TRANSPORT MOTOR	Finisher

2/10/03

012-024	EJECT MOTOR FORWARD	Finisher
012-025	EJECT MOTOR REVERSE	Finisher
012-026	EJECT CLAMP AND OFFSET MOTOR UP/DOWN	Finisher
012-027	EJECT CLAMP AND OFFSET MOTOR F/R	Finisher
012-030	END WALL MOTOR OPEN	Finisher
012-031	END WALL MOTOR CLOSE	Finisher
012-036	COMPILER TRAY SOLENOID	Finisher
012-040	STACKER MOTOR UP	Finisher
012-041	STACKER MOTOR DOWN	Finisher
012-053	EJECT PADDLE MOTOR	Finisher
012-060	TAMPER MOTOR LOW FRONT	Finisher
012-061	TAMPER MOTOR TOP FRONT	Finisher
012-062	TAMPER MOTOR LOW REAR	Finisher
012-063	TAMPER MOTOR TOP REAR	Finisher
012-064	TAMPER MOTOR MIDDLE FRONT	Finisher
012-065	TAMPER MOTOR MIDDLE REAR	Finisher
012-070	FIN GATE SOLENOID MBX/SCT POSITION	Finisher
012-071	FIN GATE SOLENOID-FINISHER POSITION	Finisher
012-075	STAPLER MOTOR CLOSE	Finisher
012-076	STAPLE POSITION MOTOR TOP FRONT	Finisher
012-077	STAPLE POSITION MOTOR LOW FRONT	Finisher
012-078	STAPLE POSITION TOP REAR	Finisher
012-079	STAPLE POSITION MOTOR LOW REAR	Finisher
012-081	MBX GATE SOLENOID CLOSE	Finisher
012-082	MBX GATE SOLENOID OPEN	Finisher
012-083	2 BIN GATE SOLENOID	Finisher
012-084	3 BIN GATE SOLENOID	Finisher
012-085	4 BIN GATE SOLENOID	Finisher
012-086	5 BIN GATE SOLENOID	Finisher
012-087	6 BIN GATE SOLENOID	Finisher
012-088	7 BIN GATE SOLENOID	Finisher

012-089	8 BIN GATE SOLENOID	Finisher
012-090	9 BIN GATE SOLENOID	Finisher
012-091	10 BIN GATE SOLENOID	Finisher
012-096	DEC PENETRATION CHANGE	Finisher
012-099	UNLOAD WHILE RUN LED	Finisher
014-050	POLYGON MOTOR LOW SPEED	Processor
014-051	POLYGON MOTOR HIGH SPEED	Processor
014-053	LASER DIODE A ON	Processor
014-054	LASER DIODE B ON	Processor
015-001	MEMORY READY	Processor