

<b>Code</b>	<b>Description</b>	<b>Resolution</b>
1030100	DEV_PIN (Key data error from host)	Contact to host
1101910	LOST CARD, DEV_MCU	
1102910	LOST WITHDRAW CASH, DEV_CSH	
1102920	LOST DEPOSIT CASH, DEV_CSH	
1103910	LOST CARD & SLIP, DEV_MCU   DEV_SPR	
1106910	LOST SLIP, DEV_SPR	
2000100	No cassette	Insert or re-insert the cassette(s). Check cassette sensor.
2000200	Note shortage	Replenish the cassette.
2000300	Reject bin full	Remove notes from the reject bin and try the Cassette Total function again.
2000400	Vault door open	Close the vault door. Check door switch.
2000500	Cash Dispenser Unit data setting error	Check Cash Dispenser Unit information. (Currency, Denomination, etc)
2001000	Receipt paper jam	Remove any jammed paper from the printer.
2001200	Receipt printer feed plate open	Close the feed plate.
2001300	Out of receipt (Receipt paper empty)	Replenish the receipt paper.
2001400	Receipt printer head overheated before printing	Check the printer head and change if necessary.
2001600	Note detected in stacker (shutter or presenter type)	Clear any notes from the stacker.

<b>2010100</b>	<b>Receipt printer lever opened</b>	Close the lever of print head completely
<b>2010200</b>	<b>Receipt printer head overheated</b>	Wait the time until the temperature of head adequately slow down and try to initialize
<b>2010300</b>	<b>Receipt paper jam</b>	Remove jammed paper between printer head and rollers
<b>2010400</b>	<b>Receipt paper empty</b>	1. Replenish receipt paper 2. Check the status of sensor and its connector
<b>2010500</b>	<b>Receipt paper setting error</b>	1. Check the status of setting paper 2. Check the status of sensor and its connector
<b>2010600</b>	<b>Command is received while doing self-test</b>	After terminating self-test and initialize receipt printer
<b>2010700</b>	<b>No receipt paper</b>	1. Replenish receipt paper in paper charger 2. Check the status of Near End sensor and its connector
<b>2010800</b>	<b>Receipt paper cutting error</b>	1. Check the Cutter module 2. Check if printer head lever is properly close
<b>2010900</b>	<b>No sensing black mark (dark sensor)</b>	1. Check the status of Black mark sensor 2. Check if Dip switch # 6 is correctly set (Dip switch # 6 is set by On in case of not using Black mark)

<b>2010A00</b>	<b>The size of image print data is abnormal</b>	Check the AP version and initialize
<b>2021500</b>	<b>Sensor detects note in delivery path before CDU dispenses</b>	Remove note from the CDU delivery path.
<b>2080100</b>	<b>Receipt printer lever opened</b>	Close the lever of print head completely
<b>2080200</b>	<b>Receipt printer head overheated</b>	Wait the time until the temperature of head adequately slow down and try to initialize
<b>2080300</b>	<b>Receipt paper jam</b>	Remove jammed paper between printer head and rollers
<b>2080400</b>	<b>Receipt paper empty</b>	1. Replenish receipt paper 2. Check the status of sensor and its connector
<b>2080500</b>	<b>Receipt paper setting error</b>	1. Check the status of setting paper 2. Check the status of sensor and its connector
<b>2080600</b>	<b>Command is received while doing self-test</b>	After terminating self-test and initialize receipt printer
<b>2080700</b>	<b>No receipt paper</b>	1. Replenish receipt paper in paper charger 2. Check the status of Near End sensor and its connector
<b>2080800</b>	<b>Receipt paper cutting error</b>	1. Check the Cutter module 2. Check if printer head lever is properly close

<b>2080900</b>	<b>No sensing black mark (dark sensor)</b>	1. Check the status of Black mark sensor 2. Check if Dip switch # 6 is correctly set (Dip switch # 6 is set by On in case of not using Black mark)
<b>2080A00</b>	<b>The size of image print data is abnormal</b>	Check the AP version and initialize
<b>2131500</b>	<b>CS4 sensor detects note in delivery path before CDU dispenses. Sensor is located along the delivery path right before the reject bin.</b>	Remove note from the CDU delivery path.
<b>21A1500</b>	<b>CS1A sensor detects note in delivery path before CDU dispenses. Sensor is located along the delivery path right after where the note exits the 1st cassette.</b>	Remove note from the CDU delivery path.
<b>21B1500</b>	<b>CSB sensor detects note in delivery path before CDU dispenses. Sensor is located along the delivery path right after where the note exits the 1st cassette.</b>	Remove note from the CDU delivery path.
<b>24A1500</b>	<b>CS3A sensor detects note in delivery path before CDU dispenses. Sensor is located along the delivery path right after where the note exits the 3rd cassette.</b>	Remove note from the CDU delivery path.

<b>24B1500</b>	<b>CS3B sensor detects note in delivery path before CDU dispenses. Sensor is located along the delivery path right after where the note exits the 3rd cassette.</b>	Remove note from the CDU delivery path.
<b>4.00E+03</b>	<b>Error of being removed 2nd cassette before separate rejection</b>	1. Set cassette #2 correctly 2. Check the catcher inside cassette #2 guide
<b>4000000</b>	<b>Cash Dispenser(CDU) received the undefined command from AP software</b>	1. Get the trace file and log files in D:\trace 2. Call your attendant
<b>4001100</b>	<b>Detecting CS2 Dark (Front Access Type:Reject box is opened.)</b>	1. Remove notes on CS2 sensor 2. Clean CS2
<b>4001400</b>	<b>CS4A sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS4A
<b>4001500</b>	<b>CS2 or CS4A sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS2 and CS4A
<b>4001800</b>	<b>CS4B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS4B
<b>4001900</b>	<b>CS2 or CS4B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS2 and CS4B
<b>4001C00</b>	<b>CS4A or CS4B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS4A and CS4B
<b>4001D00</b>	<b>CS2, CS4A or CS4B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS2, CS4A and CS4B

<b>4002100</b>	<b>CS1A sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1A
<b>4002200</b>	<b>CS1B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1B
<b>4002300</b>	<b>CS1A or CS1B sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1A and CS1B
<b>4002800</b>	<b>CS13 sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS13
<b>4002900</b>	<b>CS1A or CS13 sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1A and CS13
<b>4002A00</b>	<b>CS1B or CS13 sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1B and CS13
<b>4002B00</b>	<b>CS1A, CS1B or CS13 sensor detects note in delivery path before/after CDU dispenses</b>	1. Remove note from the CDU delivery path. 2. Clean CS1A, CS1B and CS13
<b>4003000</b>	<b>Failed in checking the main motor echo</b>	1. Initialize 2. Check Main Motor Encoder Slit 3. Initialize after Power On/Off 4. Check Encoder Sensor CS8 BRKT 5. Check CS8 Sensor Cable 6. Change Main Motor Encoder Slit Sensor CS8
<b>4003100</b>	<b>Failed in checking the reject gate solenoid echo</b>	

4003200	Failed in checking the present gate solenoid echo	
4003300	Check sum error (No information is set)	1. Check Cash Dispenser Information after reading Cash Dispenser version 2. Initialize 3. Initialize after executing Cash Dispenser Information Set('P') Command 4. Change Cash Dispenser B/D
4003400	Error of two sheets detecting sensor(CS5_1)for initializing	1. Check CS5_1 Sensor Cable2. Check second Dip Switch in Cash Dispenser B/D3. Change CS5_1 Sensor
4003600	Error of CS 2, CS13 sensor during initialization	
4003700	Error of 2 sheets detecting sensor (CS5_1 / CS5_2) for dispensing	1. Check Cash Dispenser Board Segment2. Initialize3. Read data of 'Read Double Sensor'Command
4003800	Error in checking SRAM	
4003900	Gate operation sensor (CS3) error before initial recovery	1. Initialize after removing notes or dust over Gate 2. Check CS3 Sensor BKRT 3. Check CS3 Sensor Cable 4. Exchange Sensor after abnormal operating CS3 Gate detecting Sensor 5. Replace Reject Solenoid 1

4003B00	<b>When CS15A or CS 15B sensor is detected as dark after initial recovery</b>	<ol style="list-style-type: none"> <li>1. Remove notes or dust on CS15A Sensor</li> <li>2. Check CS15A Sensor Cable</li> <li>3. Exchange Sensor after abnormal operating CS15A Sensor</li> </ol>
4004000	<b>Cassette is removed during dispensing</b>	<ol style="list-style-type: none"> <li>1. Check the cassette catcher</li> <li>2. Set the cassette properly</li> </ol>
4004100	<b>Error if re-driving is over 5 times during separated rejection</b>	<ol style="list-style-type: none"> <li>1. Check notes in Reject Box</li> <li>2. Rearrange notes in Cassette</li> <li>3. Remove dust in CS15AB, CS31AB, CS41AB CS1AB Sensor</li> <li>4. Check dust existing in CS5 Sensor Guide</li> <li>5. Check dust existing in Main Motor Encoder Slit</li> <li>6. Check index value of notes each cassette</li> </ol>
4004200	<b>In case the number of notes detected outlet sensor(CS13) is less than the number of required notes</b>	<ol style="list-style-type: none"> <li>1. Check notes dispensed and rejected</li> <li>2. Remove notes jammed in CDU</li> <li>3. Remove dust in CS13 Sensor</li> <li>4. Exchange sensor after abnormal operating CS13 Sensor</li> </ol>



4004300	<b>Error if total reject is more than 20 sheets</b>	<p>1. Check notes in Reject Box 2.  Rearrange notes in Cassette 3. Remove dust in CS1AB, CS15AB, CS31AB, CS41AB Sensor 4. Check dust in existence CS5 Sensor Guide5. Check notes index value</p>
4004400	<b>Error if continuous 5 times are rejected</b>	<p>1. Check notes in Reject Box2.  Rearrange notes in Cassette3. Check dust in Main Motor Encoder Slit4. Remove dust in CS15AB, CS31AB, CS1AB Sensor5. Exchange CS8 Encoder Slit Sensor</p>
4004500	<b>In case the number of notes detected outlet sensor(CS13) is more than required notes</b>	<p>1. Check notes dispensed and rejected2. Remove dust in CS13 Sensor3. Exchange sensor after abnormal operating CS13 Sensor</p>
4004600	<b>Program error(Separated rejection)</b>	<p>1. Initialize after Reset Power 2. Upgrade Cash Dispenser Firmware or re-download 3. Exchange Cash Dispenser B/D</p>

<b>4004700</b>	<b>1 cassette mis-feed error (Separated rejection)</b>	<ol style="list-style-type: none"> <li>1. Check notes in 1 Cassette</li> <li>2. Check Sensor(CS6) Poll</li> <li>3. Check jam in 1 cassette and reload</li> <li>4. Remove dust in CS1A, CS1B Sensor</li> <li>5. Exchange 1 cassette box when there are many error</li> </ol>
<b>4004800</b>	<b>Error if the number of dispensed notes is not matched to the requested</b>	<ol style="list-style-type: none"> <li>1. Check CS13 sensor (note jam and dust)</li> <li>2. Replace CS13 sensor</li> </ol>
<b>4004900</b>	<b>Error to dispense 0 sheets to be required(Separated rejection)</b>	<ol style="list-style-type: none"> <li>1. Check received command</li> <li>2. Check communication cable</li> <li>3. Check Cash Dispenser Firmware Version</li> </ol>
<b>4004A00</b>	<b>Error of note jam (Separated rejection)</b>	<ol style="list-style-type: none"> <li>1. Remove jammed notes on Cash Dispenser return path</li> <li>2. Remove dust in CS1~CS4 sensor</li> <li>3. Install after rearranging notes in cassette</li> </ol>
<b>4004B00</b>	<b>Continuous 3 times error if note is long</b>	<ol style="list-style-type: none"> <li>1. Check state of notes in reject box</li> <li>2. Rearrange notes in cassette</li> <li>3. Check Index of notes</li> <li>4. Check foreign objects in the main motor encoder slit</li> <li>5. Replace the CS8 encoder slit sensor</li> </ol>

<b>4004C00</b>	<b>In case the number of notes detected outlet sensor(CS13) is more than that of notes detected on CS1A,B sensor</b>	1. Check CS1 sensor 2. Reconnect CS1 sensor
<b>4004D00</b>	<b>Error of being removed 1st cassette before separate rejection</b>	1. Set cassette #1 correctly 2. Check the catcher inside cassette #1 guide
<b>4005100</b>	<b>Received a request for over 150 notes dispensing on the Cash Dispenser from the upper unit.</b>	1. Check the Cash Dispenser received command 2. Check the abnormal communication cable. 3. Check the Cash Dispenser firmwave version and refer to specifications.
<b>4005200</b>	<b>The remaining notes at the sensor in front of the CST after dispense operation (CS1A, CS1B)</b>	1. Remove the remaining notes at a sensor in front of the CST 2. Realign notes in the cassette 3. Check abnormal clutch 4. Check abrasion of the cassette box pick unit.
<b>4005300</b>	<b>Error for the double note detection during separation.</b>	
<b>4005400</b>	<b>Cash Dispenser EP Program Error during dispense operation (failed table search)</b>	1. Initialize after resetting the power 2. Upgrade the Cash Dispenser firmware or download software again 3. Replace the Cash Dispenser B/D

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<b>4005500</b>	<b>Timeout due to note's length error passed through the CS13 during dispense operation</b>	<ol style="list-style-type: none"> <li>1. Remove a jammed note between the tray and Cash Dispenser</li> <li>2. Remove a jammed note at the position of the CS13 sensor</li> <li>3. Remove a dust on the CS13 sensor</li> </ol>
<b>4005600</b>	<b>Abnormal operation of the gate solenoid during dispense operation.</b>	<ol style="list-style-type: none"> <li>1. Remove a jammed note on the gate</li> <li>2. Remove notes in the reject box and remount the reject box</li> <li>3. Check if the CS3 sensor bracket is bended</li> <li>4. Check if the CS3 sensor cable is disconnected (CN10 #9~10)</li> <li>5. Exchange a sensor after abnormal operating CS3 Gate detecting sensor</li> <li>6. Replace the reject solenoid 1</li> </ol>
<b>4005700</b>	<b>Cash dispenser configuration error</b>	<ol style="list-style-type: none"> <li>1. Replace cash dispenser PCB</li> <li>2. Reconfigure cash dispenser setup data</li> </ol>
<b>4005800</b>	<b>Retract box position error during command reserved operation</b>	<ol style="list-style-type: none"> <li>1. Mount the retract box or open the box cover</li> <li>2. Check if CS62 sensor poll is abnormal</li> <li>3. Check if the CS62 sensor cable is disconnected (Cash Dispenser Board CN10 #5~2).</li> </ol>

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<b>4005900</b>	<b>Initial jam time error</b>	1. Remove jammed notes 2. Clean the sensors (CS1~CS15) in cash dispenser
<b>4005D00</b>	<b>Continuously detected 2 notes for three times or more during dispense operation</b>	1. Check notes' status in the reject box 2. Realign notes in the cassette 3. Check foreign objects at the position of the CS5 Sensor Guide 4. Check if the CS5 cable is disconnected (CS5_1:Cash Dispenser B/D CN10 #11~12, 25~28/CS5_2:CN12)
<b>4006000</b>	<b>Something is detected in C31AB sensor before dispensing bills from 3rd cassette.</b>	
<b>4006100</b>	<b>Something is detected in C31AB sensor before dispensing bills.</b>	
<b>4006200</b>	<b>Bills are remained in CS1AB sensor after dispensing bills.</b>	
<b>4006300</b>	<b>Bills are remained in CS31AB sensor after dispensing bills</b>	
<b>4006A00</b>	<b>CS15AB ~ CS13 Time out(Jam) during dispensing bills from second cassette.</b>	
<b>4006B00</b>	<b>Something is detected on CS31A, CS31B sensor during initialization</b>	
<b>4007000</b>	<b>Something is detected on CS41AB sensor before dispensing bills from fourth cassette.</b>	

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**4007200**    **Something is detected on CS41AB sensor during dispensing bills.**

**4007300**    **Bills is remained in CS41AB sensor after dispensing bills.**

**4007A00**    **CS31AB ~ CS13 Time out (Jam) during dispensing bills from fourth cassette.**

**4007B00**    **Something is detected on CS41A, CS41B sensor in initialization**

**4007C00**    **Missfeed error in 4th cassette**

**4007D00**    **Trying to dispense bills from 4th cassette but the 4th cassette doesn't installed.**

**4008000**    **Something is detected on CS15AB sensor before dispensing operation**

**4008100**    **Something is detected in C15AB sensor during dispensing operation**

**4008200**    **Bill is remained in CS15AB sensor after dispensing operation**

**4008F00**    **CS13 sensor detects a bill with hole during dispensing**

**4009A00**    **CS31AB~CS13 Time out(Jam) during dispensing from 3rd cassette.**

**4009D00**    **Trying to dispense bills from 3rd cassette but the 3rd cassette doesn't installed.**

**4009F00**    **3 cassette miss feed error**

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<b>400AC00</b>	<b>Something is detected on CS2 sensor after dispense operation</b>	
<b>400BC00</b>	<b>Communication error - Command Length doesn't match.</b>	
<b>400BE00</b>	<b>Bill pickup sensor(CS1, CS15) recognized has a hole and CS4 sensor detects it or CS4 snesor detects the gap too close</b>	
<b>400C700</b>	<b>Something is detected on CS12 sensor during dispensing bills or initialization.- MB TTW</b>	
<b>400C800</b>	<b>Something is detected on CS14 sensor during dispensing bills or initialization.- MB TTW</b>	
<b>400C900</b>	<b>Something is detected on CS14 sensor after dispense operation</b>	
<b>400CC00</b>	<b>Bill is remained on the sensor in front of cassette during resetting.</b>	
<b>400D000</b>	<b>Bills are passed on CS13~CS12 sensor - Timeout[Jam], MB TTW</b>	
<b>400D100</b>	<b>Bills are passed on CS12~CS14 sensor - Timeout[Jam], MB TTW</b>	
<b>400FF00</b>	<b>Bill jam</b>	1. Remove the jammed notes 2. Initialize
<b>4DN0000</b>	<b>Cash Dispenser communication failure during sending command to cash dispenser</b>	1. Do RESET at Operator Function 2. Reboot ATM

<b>4DN0100</b>	<b>Cash Dispenser communication failure during receiving command to cash dispenser</b>	1. Do RESET at Operator Function 2. Reboot ATM
<b>4DN8100</b>	<b>Communication error of Shutter</b>	
<b>8216091</b>	<b>Cash jammed on Cash Dispenser</b>	1. Remove jammed notes on Cash Dispenser return path 2. Remove dust in CS1~CS4 sensor
<b>8217091</b>	<b>Card in card reader</b>	Remove card
<b>9701010</b>	<b>Failed to connect communication between SP of PIN and EP of one</b>	Check if communication cable or COM port is not connected
<b>9701012</b>	<b>Failed to deliver to data of EPP's SP</b>	Check if communication cable or COM port is not connected
<b>9701016</b>	<b>Received data time out of EPP</b>	Check if communication cable or COM port is not connected
<b>9701017</b>	<b>Delivered data time out of EPP</b>	Check if communication cable or COM port is not connected
<b>9701031</b>	<b>Failed to read Register of EPP</b>	Reboot ATM
<b>9701040</b>	<b>Failed to produce Thread of EPP</b>	Reboot ATM
<b>9701060</b>	<b>Failed to create buffer</b>	Reboot ATM
<b>9701111</b>	<b>BCC error of EPP</b>	Check BCC logic of EPP
<b>9701151</b>	<b>EPP is down when it receives an 'Get Status' command</b>	1. Reboot ATM 2. Replace pinpad



<b>9701152</b>	<b>EPP is down when it receives an 'Clear Func Key' command</b>	1. Reboot ATM 2. Replace pinpad
<b>9712000</b>	<b>Failed to create file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712100</b>	<b>Failed to read file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712200</b>	<b>Failed to write file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712300</b>	<b>Failed to close file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712400</b>	<b>Failed to delete file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712400</b>	<b>Failed to delete file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712500</b>	<b>Failed to copy file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712500</b>	<b>Failed to copy file</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
<b>9712600</b>	<b>Failed to create directory</b>	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive

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9712600	Failed to create directory	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719000	Failed to execute an extra command in the status of Cash Unit Exchange	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719000	Failed to execute an extra command in the status of Cash Unit Exchange	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719100	In case of not being the status of Cash Unit	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719100	In case of not being the status of Cash Unit	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719200	In case of carrying out Cash In Start command at two times	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719200	In case of carrying out Cash In Start command at two times	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719300	In case of not being the status of Cash In	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719300	In case of not being the status of Cash In	1. Reboot ATM 2. Reinstall software 3. Replace hard disk drive
9719400	Invalid Cash Unit ID	Reconfigure cash dispenser setup data
9719500	Invalid Cash Unit number	Reconfigure cash dispenser setup data

<b>9719600</b>	<b>The abnormal of the number of Cash Unit</b>	Reconfigure cash dispenser setup data
<b>9719700</b>	<b>No. of dispensed notes that software counts is not matched to it cash dispenserresponded</b>	<ol style="list-style-type: none"> <li>1. Initialize after resetting the power</li> <li>2. Upgrade the Cash Dispenser firmware or download software again</li> <li>3. Replace the Cash Dispenser B/D</li> </ol>
<b>971A000</b>	<b>Invalid denomination</b>	Reconfigure denomination at supervisor mode
<b>971A100</b>	<b>Invalid currency</b>	1. Reconfigure currency at supervisor mode
<b>971A200</b>	<b>CASSETTE OFF POSITION".Not dispensable</b>	<ol style="list-style-type: none"> <li>1. Reconfigure denomination</li> <li>2. Reconfigure currency</li> </ol>
<b>971A300</b>	<b>In case the number of bills dispensedexceeds the maximum dispensing bill</b>	<ol style="list-style-type: none"> <li>1. Check cash dispenser driver (CDM SP) version</li> <li>2. Reconfigure the maximum dispensable count</li> </ol>
<b>971A400</b>	<b>In case the number of coins dispensedexceeds the maximum dispensing coin</b>	<ol style="list-style-type: none"> <li>1. Check coin dispenser driver version</li> <li>2.Reconfigure the maximum dispensable count</li> </ol>
<b>971A500</b>	<b>Invalid mix number</b>	1. Reconfigure cash dispenser at supervisor mode
<b>971A600</b>	<b>In case automatic Retry of SP fails 3 times</b>	
<b>971A700</b>	<b>There is no setting information about automatic Retry standard</b>	

<b>971B000</b>	<b>In case of being executed Reject or Retract command without being the bills in stacker.</b>	1. Check a dust in stacker 2. Reconfigure the maximum dispensable count
<b>971C000</b>	<b>Not supported command</b>	Reinstall software
<b>971D100</b>	<b>Partial dispense</b>	1. Check the replenished amount and replenish 2. Check the notes in cassette #1
<b>971D200</b>	<b>Partial dispense from cassette #2</b>	1. Check the replenished amount and replenish 2. Check the notes in cassette #2
<b>971D300</b>	<b>Partial dispense from cassette #3</b>	1. Check the replenished amount and replenish 2. Check the notes in cassette #3
<b>971DX00</b>	<b>In case partial bills dispensed by dispensing demand when Partial Dispense option is on. "X" means cassette number.</b>	
<b>9720000</b>	<b>Receipt printer communication error during SP opening</b>	Check if communication cable or COM port is not connected
<b>9721111</b>	<b>Off line status</b>	1. Check communication cable connected properly 2. Check power cable connected properly
<b>9721112</b>	<b>On busy</b>	1. Check printer's working status
<b>9721121</b>	<b>Mechanics Error</b>	1. Recover printer's mechanical Error 2. Reboot ATM

9721122	Recoverable Error	1. Recover printer's Error 2. Reboot ATM
9721123	Unrecoverable Error	1. Reboot ATM
9721124	Paper jammed	1. Remove jammed paper
9722010	Receipt Printer communication failure during COM port open	1. Do RESET at Operator Function 2. Reboot ATM
9722020	File Open Error	1. Reboot ATM 2. Call your attendant
9722060	Memory Allocate Error(PrintForm Allocate IndexBuffer Fail)	1. Reboot ATM 2. Call your attendant
9722068	Invalid Media Name	1. Reboot ATM 2. Call your attendant
97221A2	Invalid Unit	1. Reboot ATM 2. Call your attendant
97221C1	Form is not Found	1. Reboot ATM 2. Call your attendant
97221C4	Form Name is NULL	1. Reboot ATM 2. Call your attendant
97221C5	Invalid Form	1. Reboot ATM 2. Call your attendant
97221C6	PrintForm() offset is Invalid	1. Reboot ATM 2. Call your attendant
97221C7	Invalid Form (Too many Fields in the form)	1. Reboot ATM 2. Call your attendant
97221D1	Media is not Found	1. Reboot ATM 2. Call your attendant
97221D3	Media Overflow when form size is larger than media size	1. Reboot ATM 2. Call your attendant
97221D4	Media Name is NULL	1. Reboot ATM 2. Call your attendant
97221D5	Invalid Media (Attribute for Media definition is not proper)	1. Reboot ATM 2. Call your attendant
97221D6	Invalid Media (Area size is larger than media size)	1. Reboot ATM 2. Call your attendant

<b>97221D7</b>	<b>Invalid Media (Size of Media Name is exceeded to 2048 bytes totally)</b>	1. Reboot ATM 2. Call your attendant
<b>9.72E+05</b>	<b>Field is not Found</b>	1. Reboot ATM 2. Call your attendant
<b>9.72E+06</b>	<b>Field Error (This Field must have initial value)</b>	1. Reboot ATM 2. Call your attendant
<b>9.72E+07</b>	<b>Non-Indexed value for Indexed Field</b>	1. Reboot ATM 2. Call your attendant
<b>9.72E+08</b>	<b>Invalid Field</b>	1. Reboot ATM 2. Call your attendant
<b>9.72E+09</b>	<b>Invalid Field (This Field's width is 0)</b>	1. Reboot ATM 2. Call your attendant
<b>9722DN0</b>	<b>Receipt Printer communication failure during sending command to Receipt Printer</b>	1. Do RESET at Operator Function 2. Reboot ATM
<b>9723010</b>	<b>Failed to open device</b>	Check the serial port or cable
<b>9723016</b>	<b>Time out to receive data</b>	Check the serial port or cable
<b>9723019</b>	<b>Polling down</b>	Check the serial port or cable
<b>9730100</b>	<b>IC CARD DENIAL</b>	
<b>9730200</b>	<b>IC CARD ONLINE DATA ERROR</b>	
<b>9730300</b>	<b>IC CARD ERROR</b>	
<b>9740000</b>	<b>Cash Dispenser communication failure during COM port open</b>	1. Do RESET at Operator Function 2. Reboot ATM
<b>9740020</b>	<b>Failed to create file</b>	1. Reboot ATM 2. Call your attendant
<b>9740025</b>	<b>Failed to copy file</b>	1. Reboot ATM 2. Call your attendant
<b>9740101</b>	<b>In case incorrect cassette type is set.</b>	
<b>9740102</b>	<b>In case nonexistent Note Index is set.</b>	

9741100	When sensing CS2 Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9741400	When sensing CS4A Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9741800	When sensing CS4B Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9742100	When sensing CS21A,B Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9742800	When sensing CS13 Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9743B00	When sensing CS15A,B Dark (Error code, 400FF00 is subdivided by location of sensor.)	
9744700	Cash picking-up fail while cash in cassette #1 is enough	1. Check bill jam or no note in cassette #1 2. Check cash dispenser
9745500	System power off while dispensing	
9745B00	Cash picking-up fail while cash in cassette #2 is enough	1. Check bill jam or no note in cassette #2 2. Check cash dispenser
9746B00	When sensing CS31A,B Dark (Error code, 400FF00 is subdivided by location of sensor.)	

<b>9747B00</b>	<b>When sensing CS41A, B Dark (Error code, 400FF00 is subdivided by location of sensor.)</b>	
<b>9747C00</b>	<b>Cash picking-up fail while cash in cassette #4 is enough</b>	1. Check bill jam or no note in cassette #2 2. Check cash dispenser
<b>9749F00</b>	<b>Cash picking-up fail while cash in cassette #3 is enough</b>	1. Check bill jam or no note in cassette #2 2. Check cash dispenser
<b>974FF00</b>	<b>When sensing bills in the Stacker (Error code, 400FF00 is subdivided by location of sensor.)</b>	
<b>97911XX</b>	<b>DEV_JPR Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97912XX</b>	<b>DEV_SPR Time Over Error</b>	1. Reboot ATM 2. Call your attendant
<b>97913XX</b>	<b>DEV_MCU Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97914XX</b>	<b>DEV_Cash Dispenser Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97915XX</b>	<b>DEV_BRM Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97916XX</b>	<b>DEV_PBM Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97918XX</b>	<b>DEV_PIN Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>9791AXX</b>	<b>DEV_FNG Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>9791BXX</b>	<b>DEV_VFD Timeover Error Code</b>	1. Reboot ATM 2. Call your attendant
<b>97921XX</b>	<b>DEV_JPR FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>97922XX</b>	<b>DEV_SPR FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>97923XX</b>	<b>DEV_MCU FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant



<b>97924XX</b>	<b>DEV_Cash Dispenser FATAL ERROR(WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>97925XX</b>	<b>DEV_BRM FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>97926XX</b>	<b>DEV_PBM FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>97928XX</b>	<b>DEV_PIN FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>9792AXX</b>	<b>DEV_FNG FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>9792BXX</b>	<b>DEV_VFD FATALERROR (WARNING)</b>	1. Reboot ATM 2. Call your attendant
<b>9799301</b>	<b>MCU RETRACT OVER</b>	Clear the count of retracted card at OP mode
<b>9799499</b>	<b>DISPENSER COUNT ERROR</b>	Check the sensor on cash dispenser
<b>9799901</b>	<b>DOOR CHECK</b>	1. Reboot ATM 2. Call your attendant
<b>9799902</b>	<b>LIGHT ERROR</b>	1. Reboot ATM 2. Call your attendant
<b>9799903</b>	<b>SPL ERROR</b>	1. Reboot ATM 2. Call your attendant
<b>9799904</b>	<b>PIN ERROR</b>	1. Reboot ATM 2. Call your attendant
<b>9799905</b>	<b>SENSOR CHECK</b>	1. Reboot ATM 2. Call your attendant
<b>9799907</b>	<b>UPS ERROR</b>	1. Reboot ATM 2. Call your attendant
<b>9799908</b>	<b>SCREEN ERROR</b>	1. Reboot ATM 2. Call your attendant
<b>991@@@91</b>	<b>ON TRANSACTION POWER OFF</b>	1. Check power supply 2. Check backup battery
<b>A010100</b>	<b>Detecting the lever opened before executing command</b>	Close the feed lever.
<b>A010200</b>	<b>Printer thermal head overheated while executing command</b>	Check the thermal printer head and change if necessary.

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<b>A010300</b>	<b>Paper jam detected before executing command</b>	Remove any jammed paper from the printer.
<b>A010400</b>	<b>Paper setting error detected before executing command</b>	Remove and re-install the receipt paper.
<b>A010500</b>	<b>Paper check error detected before executing command</b>	Remove and re-install the receipt paper.
<b>A010800</b>	<b>Paper cutter software check error detected before executing command</b>	Check for and remove any jammed paper.
<b>A080100</b>	<b>Open lever detected while executing command</b>	Remove any jammed paper.
<b>A080200</b>	<b>Receipt printer head overheated while printing</b>	Check the thermal printer head and change if necessary.
<b>A080300</b>	<b>Paper jam detected while executing command</b>	Remove and re-install the receipt paper.
<b>A080400</b>	<b>Paper setting error detected before executing command</b>	Remove and re-install the receipt paper.
<b>A080500</b>	<b>Paper check error in doing command</b>	Remove any jammed paper.
<b>A080800</b>	<b>Paper cutter software check error detected while executing command</b>	Check for and remove any jammed paper.
<b>ADN0100</b>	<b>No response detected for 30 seconds after sending command</b>	Check cable and connection between the CE and printer.
<b>ADN0F00</b>	<b>No response detected for 30 seconds after sending command</b>	Check cable and connection between the CE and printer.
<b>ADN1100</b>	<b>No response detected after 3 retries</b>	Check cable and connection between the CE and printer.

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<b>ADN1200</b>	<b>No response detected between ENQ-ACK after 5 retries of ENQ</b>	Check the cable and connection between the CE and printer.
<b>ADN1300</b>	<b>No response detected after 5 retries because of timeout between STX-BCC interval</b>	Check cable and connection between the CE and printer.
<b>D000100</b>	<b>Error while modem initializing</b>	Check the modem connection and the modem test.
<b>D000200</b>	<b>Reversal transaction failure</b>	Check for any CDU error codes and the number of notes dispensed to customer.
<b>D000300</b>	<b>PIN ERROR</b>	Transaction was denied by host
<b>D000400</b>	<b>INVALID PIN</b>	Reboot ATM
<b>D000500</b>	<b>BANK UNAVAILABLE</b>	Transaction was denied by host
<b>D000600</b>	<b>CARD NOT SUPPORTED</b>	Transaction was denied by host
<b>D000700</b>	<b>INSUFFICIENT FUNDS</b>	Transaction was denied by host
<b>D000800</b>	<b>INELIGIBLE TRANSACTION</b>	Transaction was denied by host
<b>D000900</b>	<b>INELIGIBLE ACCOUNT</b>	Transaction was denied by host
<b>D001000</b>	<b>DAILY LIMIT EXCEEDED</b>	Transaction was denied by host
<b>D001100</b>	<b>UNABLE TO PROCESS</b>	Transaction was denied by host
<b>D001200</b>	<b>Invalid transaction</b>	Check the transaction from the host and try again.
<b>D001300</b>	<b>Invalid amount</b>	Check the transaction from the host and try again.
<b>D001400</b>	<b>Invalid card number</b>	Check the transaction from the host and try again.

<b>D001500</b>	<b>UNABLE TO PROCESS</b>	Transaction was denied by host
<b>D001600</b>	<b>WITHDRAWAL LIMIT ALREADY REACHED</b>	Transaction was denied by host
<b>D001700</b>	<b>INVALID AMOUNT</b>	Transaction was denied by host
<b>D001800</b>	<b>EXTERNAL DECLINE</b>	Transaction was denied by host
<b>D001900</b>	<b>SYSTEM ERROR</b>	Transaction was denied by host
<b>D002000</b>	<b>Surcharge screen should have been displayed</b>	Check the transaction from the host and try again. Check BIN List
<b>D002100</b>	<b>ROUTING LOOKUP PROBLEM</b>	Transaction was denied by host
<b>D002200</b>	<b>UNABLE TO PROCESS</b>	Transaction was denied by host
<b>D002300</b>	<b>TRANSACTION NOT SUPPORTED</b>	Transaction was denied by host
<b>D002400</b>	<b>Exceeds Issuer Withdrawal Limit</b>	Check the transaction from the host and try again.
<b>D003900</b>	<b>No Credit Account</b>	Check the transaction from the host and try again.
<b>D005100</b>	<b>Insufficient Funds</b>	Check the transaction from the host and try again. Try Balance Inquiry
<b>D005200</b>	<b>No Checking Account</b>	Check the transaction from the host and try again.
<b>D005300</b>	<b>No Savings Account</b>	Check the transaction from the host and try again.
<b>D005400</b>	<b>Expire Card</b>	Check the transaction from the host and try again.

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<b>D005500</b>	<b>Incorrect Pin</b>	Check the transaction from the host and try again.
<b>D005700</b>	<b>Transaction not Permitted? Card</b>	Check the transaction from the host and try again.
<b>D005800</b>	<b>Transaction not Permitted? Terminal</b>	Check the transaction from the host and try again.
<b>D006100</b>	<b>Exceeds Withdrawal Limit</b>	Check the transaction from the host and try again.
<b>D007500</b>	<b>PIN Tries Exceeded</b>	Check the transaction from the host and try again.
<b>D007800</b>	<b>No Account</b>	Check the transaction from the host and try again.
<b>D008000</b>	<b>Invalid Date</b>	Check the transaction from the host and try again.
<b>D008300</b>	<b>Can not Verify PIN</b>	Check the transaction from the host and try again. Try different cards.
<b>D008600</b>	<b>Can not Verify PIN</b>	Check the transaction from the host and try again. Try different cards.
<b>D009100</b>	<b>Bank Unavailable</b>	Check the transaction from the host and try again.
<b>D009200</b>	<b>System Unavailable</b>	Check the transaction from the host and try again.
<b>D009300</b>	<b>Transaction Serial Number mismatch</b>	Check the terminal setting from the host.
<b>D009400</b>	<b>Record format mismatch.</b>	Check the terminal setting from the host.

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<b>D009500</b>	<b>Routing ID mismatch.</b>	Check the terminal setting from the host.
<b>D009600</b>	<b>Terminal ID mismatch.</b>	Check the terminal setting from the host.
<b>D009700</b>	<b>Response Type mismatch (Reversal)</b>	Check the terminal setting from the host.
<b>D009800</b>	<b>Response Type mismatch (Day Close)</b>	Check the terminal setting from the host.
<b>D009900</b>	<b>Response Type mismatches (Config.)</b>	Check the terminal setting from the host.
<b>D009A00</b>	<b>Response Type mismatch(Withdrawal/Balance/Transfer)</b>	Check the terminal setting from the host.
<b>D009B00</b>	<b>STX error</b>	Check the terminal setting from the host.
<b>D009C00</b>	<b>ETX error</b>	Check the terminal setting from the host.
<b>D009D00</b>	<b>FS out (after response code)</b>	Check the terminal setting from the host.
<b>D009E00</b>	<b>FS out (after retrieval reference number)</b>	Check the terminal setting from the host.
<b>D009F00</b>	<b>FS out (after system trace audit number)</b>	Check the terminal setting from the host.
<b>D00A000</b>	<b>FS out (after account balance)</b>	Check the terminal setting from the host.
<b>D00A100</b>	<b>FS out (after available balance)</b>	Check the terminal setting from the host.

<b>D00A200</b>	<b>FS out (after surcharge amount)</b>	Check the terminal setting from the host.
<b>D00A300</b>	<b>FS out (after authorization response text)</b>	Check the terminal setting from the host.
<b>D00A400</b>	<b>ETX wrong position</b>	Check the terminal setting from the host.
<b>D00A500</b>	<b>FS out (after total cash dispense amount)</b>	Check the terminal setting from the host.
<b>D00A600</b>	<b>FS out (after total non-cash dispense amount)</b>	Check the terminal setting from the host.
<b>D00A700</b>	<b>FS out (after total surcharge amount)</b>	Check the terminal setting from the host.
<b>D00A800</b>	<b>FS out (after config surcharge amount)</b>	Check the terminal setting from the host.
<b>D00A900</b>	<b>ETX out (config)</b>	Check the terminal setting from the host.
<b>D00AC00</b>	<b>Invalid data received from the host (MAC data mismatch)</b>	Check the terminal setting from the host.
<b>D00B000</b>	<b>TERMINAL ID MISMATCHED</b>	
<b>D00B100</b>	<b>TRANSACTION CODE MISMATCHED</b>	
<b>D00B200</b>	<b>SECOND FIELD ID CODE MISMATCHED</b>	
<b>D00B300</b>	<b>FIRST DES KEY WRONG SIZE</b>	
<b>D00B400</b>	<b>SURCHARGE AMOUNT WRONG SIZE</b>	
<b>D00B500</b>	<b>Sequence Number MISMATCHED</b>	
<b>D00B600</b>	<b>INVALID RESPONSE CODE ERROR</b>	

<b>D00B700</b>	<b>Authorization Number Error</b>	
<b>D00B800</b>	<b>BUSINESS DATE Error</b>	
<b>D00B900</b>	<b>Transaction time Number Error</b>	
<b>D00BA00</b>	<b>BUSINESS DATE Error</b>	
<b>D00BB00</b>	<b>Balance amount Error</b>	
<b>D00BC00</b>	<b>Actual Surcharge Error</b>	
<b>D00BD00</b>	<b>Sequence Number MISMATCHED</b>	
<b>D00BF00</b>	<b>BUSINESS DATE Error</b>	
<b>D00C000</b>	<b>Settlement Error</b>	
<b>D00C100</b>	<b>Host Mac result error</b>	Check the key mode and MAC value
<b>D00C200</b>	<b>ATM Mac result error</b>	Check the key mode and MAC value
<b>D011100</b>	<b>REVERSAL DECLINED</b>	
<b>D022200</b>	<b>PIN CHANGE DECLINED</b>	
<b>D030000</b>	<b>Modem is not responding</b>	Check the modem controller.
<b>D030100</b>	<b>The target call address has call blocking enabled.</b>	1. Check modem cable 2. Contact to technician support team
<b>D030200</b>	<b>The specified terminal identifier is invalid.</b>	1. Check modem cable 2. Contact to technician support team
<b>D030300</b>	<b>All call appearances on the specified address are currently in use.</b>	1. Check modem cable 2. Contact to technician support team
<b>D030400</b>	<b>The disable address parameter contains dialing control characters that are not processed by the service provider.</b>	1. Check modem cable 2. Contact to technician support team
<b>D030500</b>	<b>The specified country/region code is invalid.</b>	1. Check modem cable 2. Contact to technician support team



<b>D030600</b>	<b>The operation failed for an unspecified or unknown reason.</b>	Contact to technician support team
<b>D030700</b>	<b>Insufficient resources to complete the operation</b>	Contact to technician support team
<b>D100000</b>	<b>No connection</b>	1. Check phone number 2. Check modem cable 3. Contact phone company
<b>D110000</b>	<b>Cannot receive ENQ from the host</b>	1. Check phone number 2. Check modem cable 3. Contact telephone company
<b>D120000</b>	<b>Transmission error : Failed to receive the whole data within 5 seconds after requesting the modem to send the data.</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D130000</b>	<b>Receiving NAK more than 3 times</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140100</b>	<b>Disconnected by Unknown Reason</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140200</b>	<b>Disconnected by rejected call from remote party</b>	Try again later.
<b>D140300</b>	<b>Disconnected because the local phone was picked up</b>	Try again later.
<b>D140400</b>	<b>Disconnected by Forwarded</b>	1. Check modem and modem cable connection 2. Contact telephone company

<b>D140500</b>	<b>Disconnected by Unreachable</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140600</b>	<b>Disconnected by Congestion</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140700</b>	<b>Disconnected by Incompatible</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140800</b>	<b>Disconnected by un-known reason</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D140900</b>	<b>Disconnected by Bad Address</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D141000</b>	<b>Disconnected by Unavailable</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D150000</b>	<b>1. Modem dial connection time-out (while dialing the modem).2. No response from host for 60 seconds.</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D160100</b>	<b>Disconnected by Bad Address</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D160200</b>	<b>Disconnected by Unavailable</b>	1. Check modem and modem cable connection 2. Contact telephone company

<b>D160300</b>	<b>Disconnected by Out of Order</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D170000</b>	<b>No carrier (while sending/receiving data after dial connection)</b>	Check host.
<b>D170100</b>	<b>No Carrier during ENQ data receive from host</b>	Check host.
<b>D170200</b>	<b>No Carrier before sending data send to host</b>	Check host.
<b>D170300</b>	<b>No Carrier during sending data send to host</b>	Check host.
<b>D170400</b>	<b>No Carrier during ACK/NAK data send to host</b>	Check host.
<b>D170500</b>	<b>No Carrier during ACK/NAK data receive from host</b>	Check host.
<b>D170600</b>	<b>No Carrier during receiving data</b>	Check host.
<b>D170700</b>	<b>NAK retry error.</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D170800</b>	<b>Send retry error</b>	1. Check modem and modem cable connection 2. Contact telephone company
<b>D170900</b>	<b>Modem initialize fail</b>	Check modem
<b>D171000</b>	<b>Modem Comport Failed</b>	Check modem
<b>D180000</b>	<b>No Dial Tone(in Modem dial connection)</b>	Check telephone line connection. Test Modem.
<b>D190000</b>	<b>No Answer</b>	1. Contact telephone company (Check telephone line connection. Check phone number.)

<b>D200000</b>	<b>Dial(Line) busy</b>	Try again later. Check phone number.
<b>D210000</b>	<b>Time out(30sec.) for initializing modem before Modem Dial connecting</b>	Check telephone line connection. Test Modem.
<b>D220000</b>	<b>not receiving EOT from HOST</b>	Check telephone line connection. Test Modem. Check host.
<b>D230000</b>	<b>No response from Host - Dialing time out to Host</b>	Check telephone line connection. Test Modem. Check phone number.
<b>D250000</b>	<b>Cannot connect to the host</b>	Check telephone line connection
<b>D251000</b>	<b>Timeout while Sending</b>	Check telephone line connection
<b>D251100</b>	<b>Communication error while Sending</b>	Check telephone line connection
<b>D251200</b>	<b>Socket error while Sending</b>	Check telephone line connection
<b>D251300</b>	<b>Timeout while Receiving</b>	Check telephone line connection
<b>D251400</b>	<b>Communication error while Receiving</b>	Check telephone line connection
<b>D251500</b>	<b>Socket Error while Receiving</b>	Check telephone line connection
<b>D320000</b>	<b>No response from Host/Dialing time out to Host</b>	Check telephone line connection
<b>D320100</b>	<b>Outbound call is aborted</b>	Check telephone line connection. Test Modem.
<b>D320200</b>	<b>Fail to dial out</b>	Check telephone line connection. Test Modem.
<b>D320300</b>	<b>No Line Reply</b>	
<b>D320400</b>	<b>Get Line ID Failed</b>	
<b>D320500</b>	<b>Modem Comport Failed</b>	
<b>D320600</b>	<b>Call Failed</b>	
<b>D320700</b>	<b>No Answer</b>	
<b>D320800</b>	<b>Modem Call Other Error</b>	

<b>D410000</b>	<b>CRC Mismatch</b>	Check telephone line connection
<b>D410100</b>	<b>No CRC Received</b>	Make sure that the host is using CRC
<b>DA0xxx0</b>	<b>Host Denial Error</b>	Refer to E7. Description for error code organization
<b>F000100</b>	<b>Number of Bill is not inputted</b>	Enter number of bill. (required)
<b>F000200</b>	<b>Parameter is not properly set (Surcharge Owner)</b>	Enter surcharge owner. (required)
<b>F000300</b>	<b>Parameter is not properly set (Surcharge Amount)</b>	Enter surcharge amount. (required)
<b>F000400</b>	<b>Parameter is not properly set (Adver. Text refreshing timer)</b>	Enter Ad text refresh timer.
<b>F000500</b>	<b>Parameter is not properly set (Advertisement text)</b>	Enter Ad text.
<b>F000600</b>	<b>Parameter is not properly set (Dispense limit)</b>	Enter Dispense limit.
<b>F000700</b>	<b>Parameter is not properly set (Denomination)</b>	Enter Denomination. (required)
<b>F000800</b>	<b>Parameter is not properly set (Fast Cash)</b>	Enter Fast Cash amount.
<b>F000900</b>	<b>Master Key Index invalid</b>	Check Master key index.
<b>F000A00</b>	<b>Master Key empty</b>	Enter Master key. (required)
<b>F000B00</b>	<b>Host Phone Number is not inputted</b>	Enter Host phone number. (required)
<b>F000C00</b>	<b>Error Retry Timer is not inputted</b>	Enter Retry timer.
<b>F000D00</b>	<b>RMS Password is not inputted in RMS Enable</b>	Enter RMS password.
<b>F000E00</b>	<b>RMS Phone Number is not inputted in RMS Enable</b>	Enter RMS phone number.
<b>F000F00</b>	<b>Terminal Number is not inputted</b>	Enter Terminal number. (required)
<b>F001000</b>	<b>Routing ID is not inputted</b>	Enter Routing ID. (required)

<b>F001100</b>	<b>Master Key Serial Number is not inputted</b>	Enter Master key serial number.
<b>F001200</b>	<b>Non-Cash Type text is not inputted</b>	Enter Non-cash type text.
<b>F001300</b>	<b>Parameter is not properly set</b>	Check proper parameters in setting.
<b>F001400</b>	<b>NVRAM Failure</b>	Try to clear NVRAM
<b>F001500</b>	<b>ATM Serial No. Empty</b>	Enter ATM serial number. (required)
<b>F001600</b>	<b>Default master password was not changed</b>	
<b>F001F00</b>	<b>Machine serial number is not set</b>	Check serial number. 2. Set serial number.
<b>F002F00</b>	<b>Host type is not set</b>	Check host type. 2. Set host type.
<b>F003F00</b>	<b>Communication ID invalid (only triton)</b>	Contact to technician support team .
<b>F004F00</b>	<b>EPP(Pinpad) key mode is invalid</b>	1. Check modem cable 2. Contact to technician support team
<b>F005F00</b>	<b>Denomination is invalid</b>	1. Check modem cable 2. Contact to technician support team
<b>F006F00</b>	<b>Failed Host Connection!</b>	1. Check Host Connection. 2. Contact to technician support team.
<b>FFFFFF</b>	<b>NVRAM is broken</b>	1. Reset Master Password 2. Clear NVRAM
<b>POWERAB</b>	<b>UPS ABNORMAL</b>	Check UPS
<b>POWERAC</b>	<b>POWER OUT OR AC OFF</b>	1. Check AC power status and environment 2. Check AC power status and environment

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**POWERBA BATTERY LOW**

1. Check AC power status and environment 2. Check UPS

**SDN0100 Service Panel (SPL) communication error**

Check the cables and connections.

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