



JEWEL MINE



PLACE SERIAL NUMBER LABEL HERE



FACTORY CONTACT INFORMATION



BAY TEK GAMES INC.
Pulaski Industrial Park
1077 East. Glenbrook Drive
Pulaski, WI 54162 USA

JOIN OUR SERVICE FIRST NETWORK!

This free service is intended to keep you up to date on the latest game information, early notification of parts specials, pertinent technical bulletins, updates on retro fit parts, software upgrades, and much more.

Log on to: www.baytekgames.com/parts
then click on the Parts N' Service tab, or scan the QR code below with your Smartphone to jump straight to this game's parts page!

Scan here!



SALES

P: 920.822.3951

F: 920.822.8936

E: sales@baytekgames.com

PARTS

P: 920.822.3951 X 1101

F: 920.822.1496

E: parts@baytekgames.com

SERVICE

P: 920.822.3951 X 1102

F: 920.822.1496

E: service@baytekgames.com

MON - FRI
8 AM - 5 PM C.S.T.

All games are proudly manufactured at our factory in Pulaski, Wisconsin, USA

TABLE OF CONTENTS

FACTORY CONTACT INFORMATION	2
WELCOME TO: Jewel Mine	4
HOW TO PLAY	5
SPECIFICATIONS	6
SAFETY PRECAUTIONS	6
SET UP GUIDE	7-12
MAIN MENU FUNCTIONS	13
CLEAR CREDITS/TICKETS	14
VOLUME AND ATTRACT SETTINGS	14
GAME SETTINGS	15
PAYOUT SETTINGS	16
TICKET PATTERNS	17-19
STATISTICS	20
HOW TO: REMOVE HANDLE	20
HOW TO: TIGHTEN ARM BRACKET	21
HOW TO: OPEN WHEEL WINDOW	21
HOW TO: ADJUST BRAKE	22-23
HOW TO: CALIBRATE ENCODER SENSOR	24-25
HOW TO: ACCESS LIGHT BULBS IN WHEELS	25
HOW TO: REMOVE WHEEL ASSEMBLY	26-30
MAIN BOARD PIN OUT	31
MAIN BOARD PIN OUT GUIDE	32
CIRCUIT BOARD WIRING	33
WIRING DIAGRAMS	34-38
CARD SWIP SYSTEM INSTRUCTIONS	39
HOW TO: UPDATE SOFTWARE	39
POWER SUPPLY DIAGNOSTICS	40
TROUBLESHOOTING GUIDE	41-47
PARTS LIST	48
PARTS PICTURES	49-51
DECAL DIAGRAM	52
MAINTENANCE LOG	53
TECHNICAL SUPPORT	54
WARRANTY	55

WELCOME TO: Jewel Mine

Congratulations on your Jewel Mine purchase!

Strike it rich with the new and innovative wheel family game, Jewel Mine! Pull up and push down on the handle to spin the wheel, sending your mining cart down the track and into the mining cave! Use just enough force to stop the spinning wheel on the highest amount of sparkling gems to win the most tickets!

Please take a moment to read through this manual and be sure to contact our factory if you have any questions, or would like some more information.

Thank you for your purchase! Your business is important to us and we hope you enjoy this game as much as we do!

Your Friends at Bay Tek Games



GAME INSPECTION

Inspect the game for any damaged, loose, or missing parts.

If damage is found, please contact your freight carrier first.

Then, contact Bay Tek Games' Service Department at 920.822.3951 or e-mail them at service@baytekgames.com for further assistance.

HOW TO PLAY

Lift handle up.



Pull the handle down, using just the right amount of force to win big!



Win the ticket value displayed on the space that stops under the arrow!



GAME SPECIFICATIONS

WEIGHT	
NET WEIGHT	580 LBS.
SHIP WEIGHT	630 LBS.
DIMENSIONS	
WIDTH	34"
DEPTH	69.75"
HEIGHT	79.25" (100" with marquee)
OPERATING TEMPERATURE	
FAHRENHEIT	80-100
CELSIUS	26.7-37.8

POWER REQUIREMENTS			
INPUT VOLTAGE RANGE	100 to 120 VAC	/	220 to 240 VAC
INPUT FREQUENCY RANGE	50 HZ	/	60 HZ

MAX OPERATING CURRENT	
1.4 AMPS @ 115 VAC	
.8 AMPS @ 230 VAC	

SAFETY PRECAUTIONS

NOTICE	
Modifications to the mechanical, electrical and structural components of this game may void its compliance certifications.	
This appliance is suitable for INDOOR, DRY locations only.	
DANGER	
DO NOT perform repairs or maintenance on this game with the power ON. Unplug the unit from the wall outlet or shut off the power strip located inside the cabinet.	
WARNING	
Use of flammable substances can cause sever burns or serious injury. Always use NON-FLAMMABLE solvents for cleaning. DO NOT use gasoline kerosene or thinners.	
CAUTION	
Lifting heavy objects can cause back, neck or other injuries. Be sure adequate lifting and moving devices are available when unloading, unpacking and moving this game.	
ATTENTION	
Be sure the electrical power matches the game requirements. See the serial number located on the back of the game cabinet. Always plug into a grounded circuit. If the supply cord is damaged, it must be replaced by an approved cord or assembly provided by the manufacturer. A shielded power cable must be used for the game to retain EU/EMC compliance.	
IN CASE OF EMERGENCY	
UNPLUG THE POWER CORD. The power cord must be accessible at all times in case of an emergency.	

SET UP GUIDE

Using a snips, cut off the zip tie from the cables (9622-1, 9622-2 and the red ethernet cable) bundled on the top left of the game.



From the front of the cabinet, remove the second bolt on each side rail.



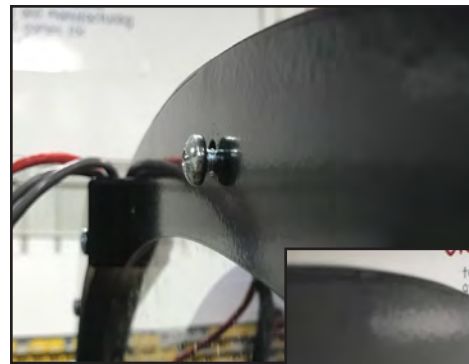
SET UP GUIDE CONT.

With help from someone else - from the front of the cabinet, loosen the first bolt on each side rail.

One person can use a drill with a phillips bit on one side, and the other person can use a phillips head screw driver on the other side.

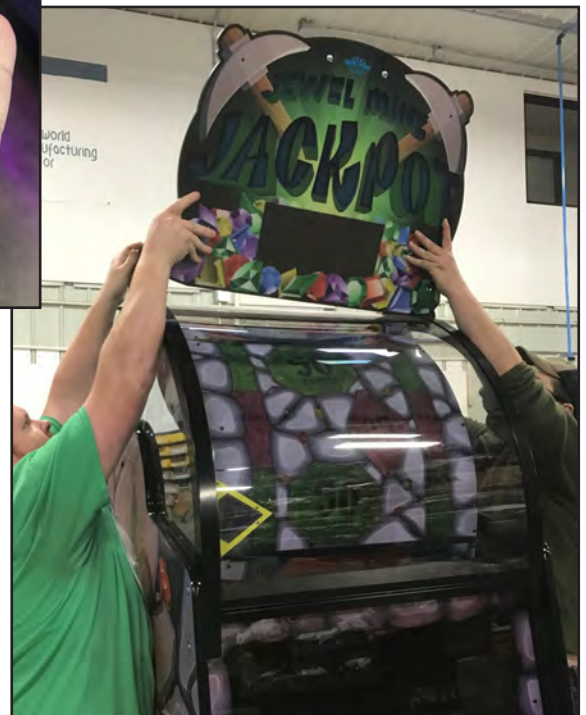
This will prevent the rod/bolts from spinning once one bolt is loosened.

Loosen both bolts approx 1/4".



Each person will need one of the two bolts that were removed from the side rails earlier.

Carefully lift the marquee up to the top of the game and set onto the bolts on each side that were backed out 1/4".



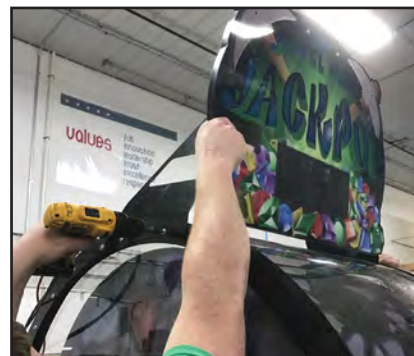
SET UP GUIDE CONT.

When the marquee is up and in position, start to rethread in the bolts into the open holes. You will still want to hold the marquee as it is not secured yet.

Tighten both back bolts - leaving the front ones loose yet.



Lift or push up on the front of the marquee. Make sure the marquee is level across the top of the game. When in a level position, use a drill to tighten the front bolts in place.



SET UP GUIDE CONT.

From the cashbox, remove the piece of black wire loom.



Place a #2 square bit on the drill. Carry the drill and the wire loom up a step ladder to the back of the game.

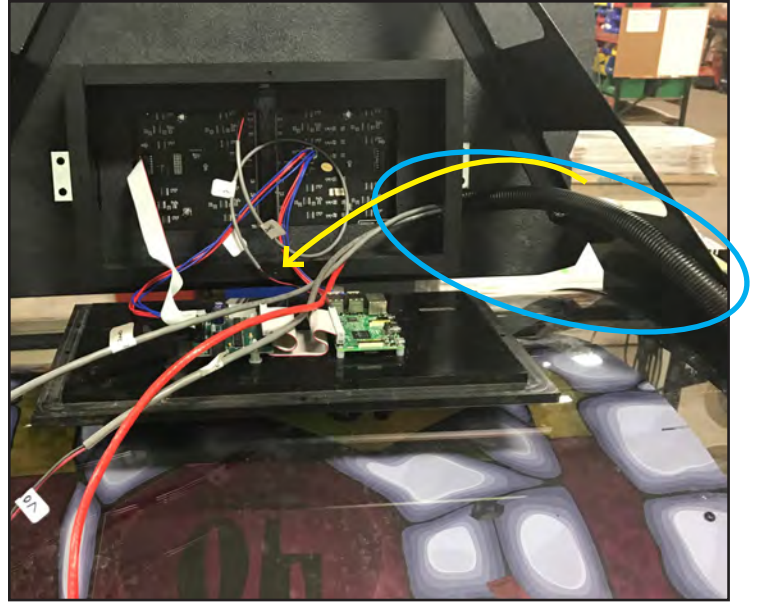
Using the drill, remove the four screws from the cover on the back of the marquee.



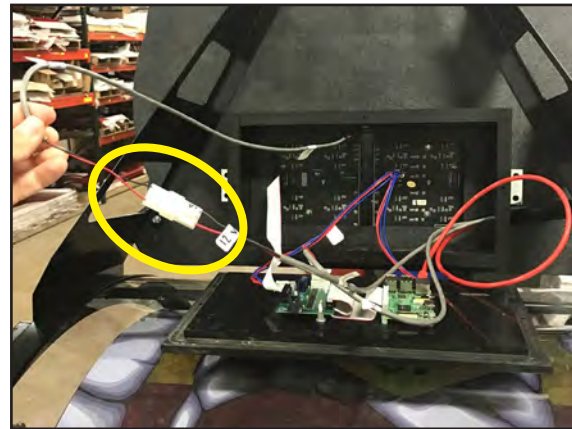
SET UP GUIDE CONT.

Route the three cables (9608-1, 9608-2 and the red ethernet cable) through the cut out on the right side of the marquee box. Pull all excess slack through the cut out.

Place the wire loom over the cables still outside of the marquee box.

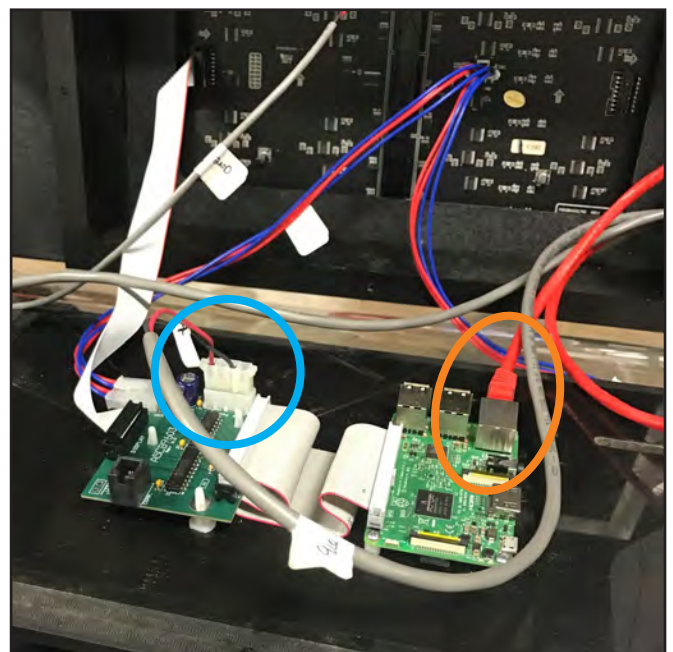


Plug cable 9608-1 to the marquee cable: 9612 (circled in yellow).



Plug cable 9608-2 to the raspberry pi board (circled in blue).

Plug in the red ethernet cable to the phone port on the main board (circled in orange).



SET UP GUIDE CONT.

Replace and secure the cover to the marquee box, using the four screws you removed earlier.

*****Be cautious not to pinch any cables!***



Get power cable from the cashbox and plug into the line filter at the bottom rear of the game.

Plug the remaining end of the power cable into a standard power outlet.

YOU ARE READY TO PLAY!

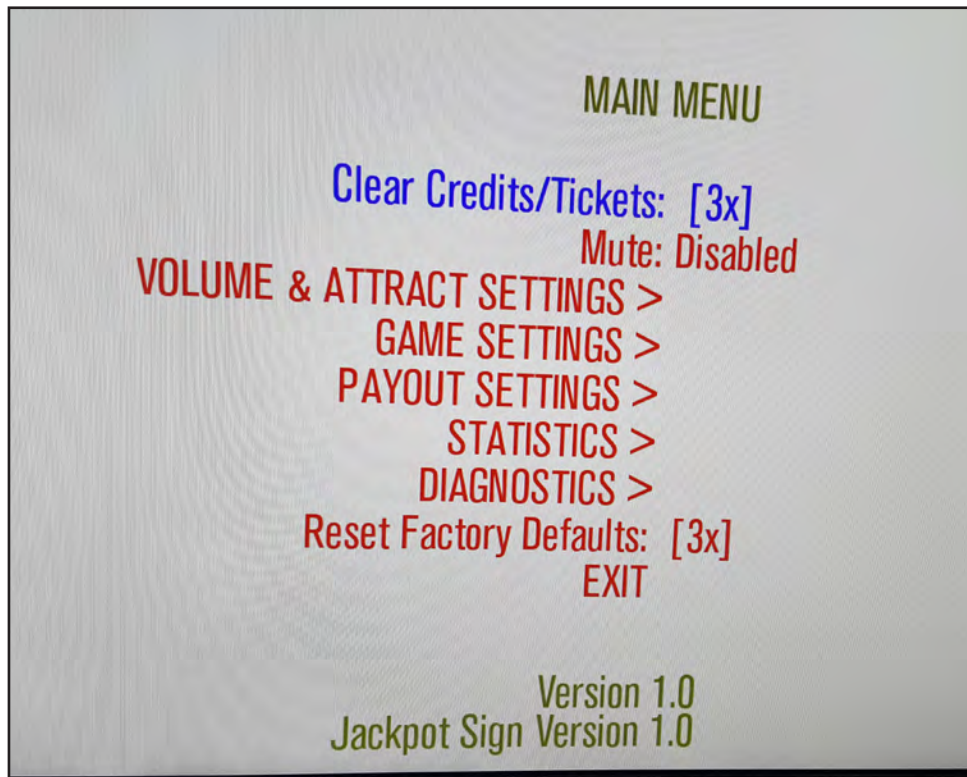
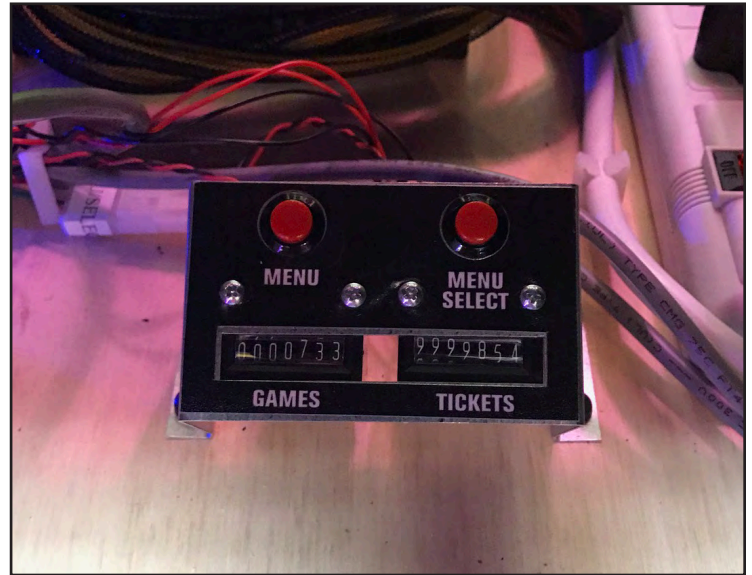


MAIN MENU FUNCTIONS

Press and hold the MENU button located inside the front door to access the main menu.

Scroll through the options with the MENU button.

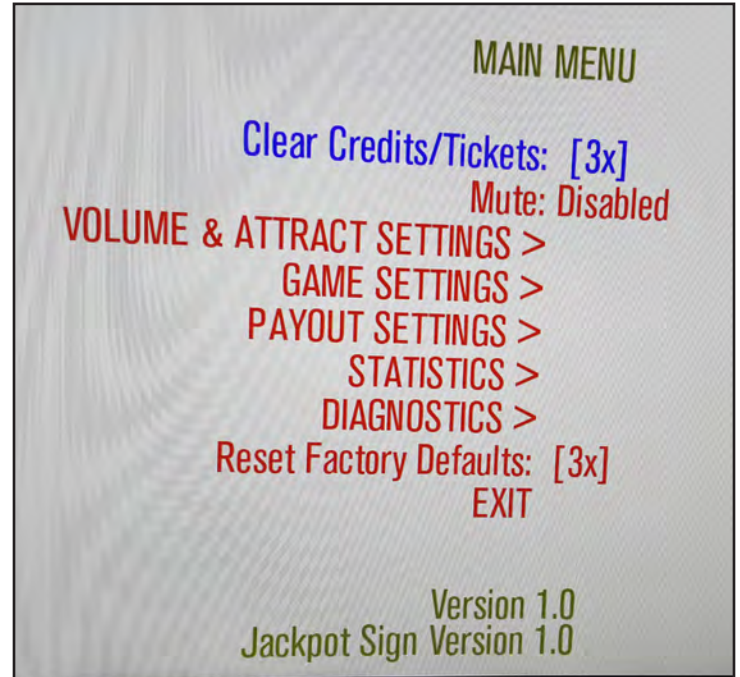
Make your selections with the MENU SELECT button.



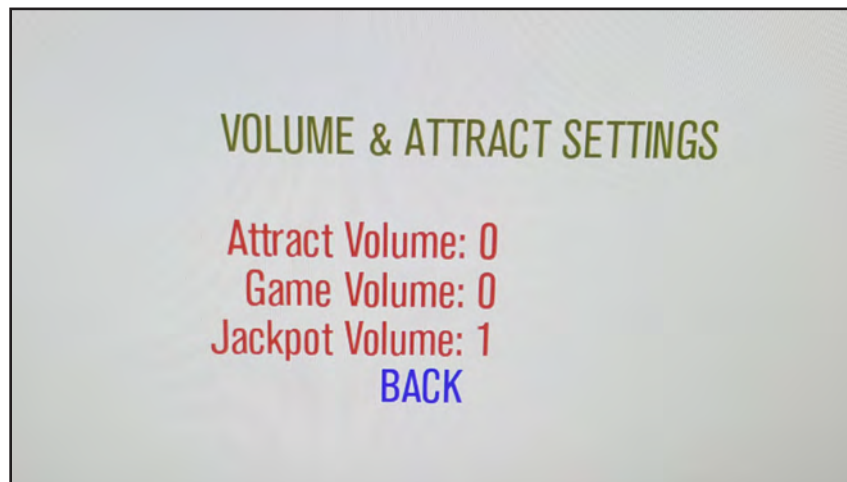
Mute Option	DISABLED	ENABLED
-------------	----------	---------

CLEAR CREDITS/TICKETS

Press the MENU SELECT button 3 times to clear any owed tickets or credits stored on the game.



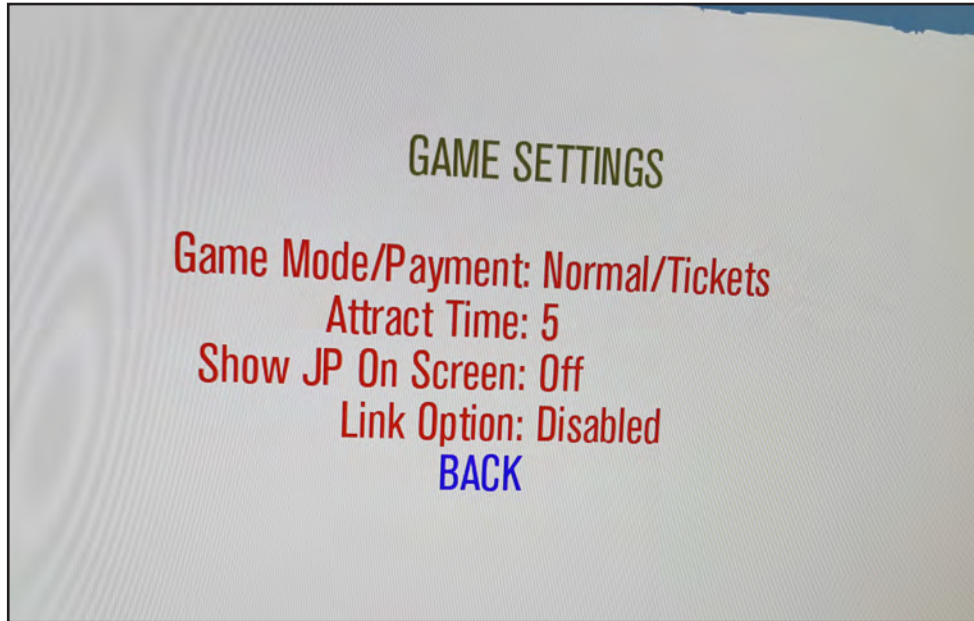
VOLUME & ATTRACT SETTINGS



Factory defaults are highlighted below.

Attract Volume	0	1	2	3	4	5	6	7	8	9	10
Game Volume	0	1	2	3	4	5	6	7	8	9	10
Jackpot Volume	0	1	2	3	4	5	6	7	8	9	10

GAME SETTINGS

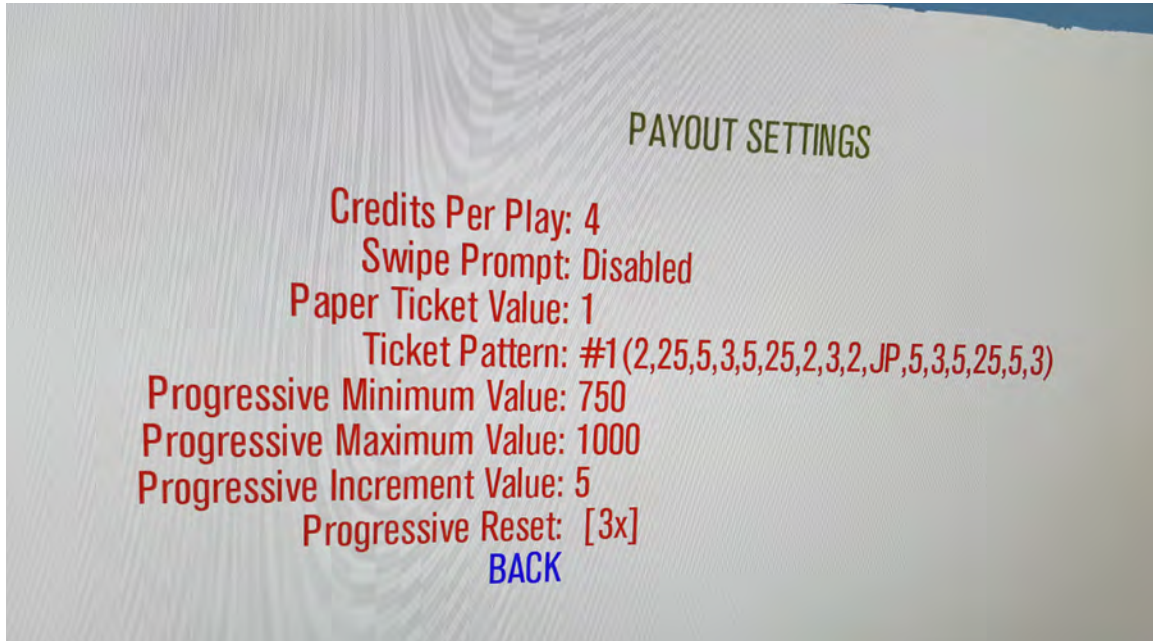


Factory defaults are highlighted below.

Game Mode/ Payment	NORMAL/ TICKETS	NORMAL/ POINTS	SHOW MODE	
Attract Time (in minutes)	0 (disabled)	TO	30	DEFAULT: 5
	ADJUSTABLE IN INCREMENTS OF 5			
Show JP on Screen	OFF		ON (NO MARQUEE OPTION)	
Link Option*	DISABLED		ENABLED	

* this gives the marquee notification that it should be looking for the jackpot value from an external device. The link option also allows the marquee to display error messages for bad communication issues or no communication at all.

PAYOUT SETTINGS



Factory defaults are highlighted below.

Credits Per Play	0		TO		20		4				
	ADJUSTABLE IN INCREMENTS OF 1										
Swipe Prompt	ENABLED						DISABLED				
Paper Ticket Value	1						2				
Ticket Pattern	See pages 17-19 for ticket patterns.										
Progressive Minimum Value	25	50	100	250	500	750	1000	1250	1500	1800	2000
Progressive Maximum Value	50	100	250	500	750	1000	1500	2000	4000	5000	9999
Progressive Increment Value	0 (dis-abled)	1	2	3	4	5	6	7	8	9	10
Progressive Reset	Press the MENU SELECT button 3 times to reset progressive jackpot										

TICKET PATTERNS

A5DE9627-1

A5DE9627-2

A5DE9627-3

A5DE9627-4

A5DE9627-5

P1

JACKPOT
 2 3
 25
 5 3
 5
 25
 2 3
 5
 25
 5 3
 5

6-8 TICKETS
PER GAME

P2

JACKPOT
 10 25
 10
 50
 10 25
 10
 50
 10 10
 10
 50
 10 25
 10

14-17 TICKETS
PER GAME

P3

JACKPOT
 15 40
 15
 50
 10 25
 15
 50
 15 40
 15
 50
 10 25
 10

19-22 TICKETS
PER GAME

P4

JACKPOT
 15 25
 15
 50
 10 40
 10
 50
 15 25
 15
 50
 10 40
 10

23-26 TICKETS
PER GAME

P5

JACKPOT
 15 75
 15
 100
 10 25
 15
 100
 10 75
 15
 100
 10 25
 10

27-30 TICKETS
PER GAME

TICKET PATTERNS

A5DE9627-6

A5DE9627-7

A5DE9627-8

A5DE9627-9

A5DE9627-10

P6

P7

P8

P9

P10

Diagram for P6 showing a sequence of prizes: JACKPOT (red), 15 (yellow), 10 (yellow), 40 (purple), 100 (blue), 50 (green), 25 (purple), 50 (green), 100 (blue), 15 (yellow), 10 (yellow), 40 (purple), 100 (blue), 50 (green), 25 (purple), 50 (green).

Diagram for P7 showing a sequence of prizes: JACKPOT (red), 50 (yellow), 50 (yellow), 40 (purple), 100 (blue), 10 (green), 40 (purple), 50 (green), 100 (blue), 10 (yellow), 50 (yellow), 40 (purple), 100 (blue), 10 (green), 40 (purple), 10 (green).

Diagram for P8 showing a sequence of prizes: JACKPOT (red), 15 (yellow), 15 (yellow), 75 (purple), 100 (blue), 50 (green), 25 (purple), 50 (green), 100 (blue), 15 (yellow), 15 (yellow), 75 (purple), 100 (blue), 50 (green), 25 (purple), 50 (green).

Diagram for P9 showing a sequence of prizes: JACKPOT (red), 15 (yellow), 15 (yellow), 75 (purple), 100 (blue), 50 (green), 75 (purple), 15 (green), 100 (blue), 50 (yellow), 15 (yellow), 75 (purple), 100 (blue), 50 (green), 75 (purple), 50 (green).

Diagram for P10 showing a sequence of prizes: JACKPOT (red), 50 (yellow), 10 (yellow), 75 (purple), 250 (blue), 50 (green), 75 (purple), 50 (green), 250 (blue), 50 (yellow), 10 (yellow), 75 (purple), 250 (blue), 50 (green), 75 (purple), 50 (green).

32-35 TICKETS
PER GAME

32-35 TICKETS
PER GAME

38-41 TICKETS
PER GAME

42-45 TICKETS
PER GAME

50-53 TICKETS
PER GAME

DEFAULT

(2 Point Ticket)

TICKET PATTERNS

A5DE9627-11

A5DE9627-12

A5DE9627-13

A5DE9627-14

A5DE9627-15

P11

JACKPOT

15 40

10

250

75 10

150

250

15 40

10

250

150 75

150

60-63 TICKETS
PER GAME

P12

JACKPOT

10 40

150

500

50 40

150

500

10 40

150

40

500

50 40

150

74-77 TICKETS
PER GAME

P13

JACKPOT

5 25

5

50

5 25

50

5 10

5

10

50

5 25

50

10-13 TICKETS
PER GAME

P14

JACKPOT

10 10

10

10

10

10

10

10

10

10

10

10

10 TICKETS
PER GAME

P15

JACKPOT

2 3

2

10

2 3

10

2 3

10

2 3

10

2 3

4-6 TICKETS
PER GAME

STATISTICS

Total Games Played	Number of games played since last statistics reset
Total Tickets Won	Number of tickets dispensed since last statistics reset
Total Jackpot Winners	Number of jackpots won since last statistics reset
Average Tickets	Average amount of tickets dispensed per game played
Clear Statistics	Press the MENU SELECT button 3 times to clear all statistics. [DONE] will display when successful.

HOW TO: REMOVE HANDLE

Tools Needed:

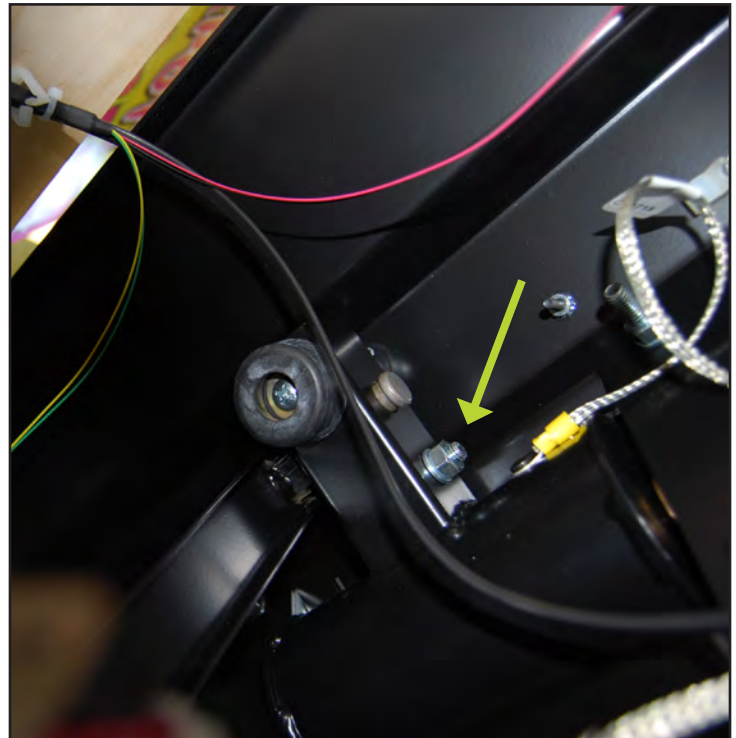
1/2" Socket & ratchet

1/2" Wrench

Located on the underside of the metal front panel, there is a bolt, split washer, and locknut holding the handle into the square pipe attached to the linkage.

Remove the bolt by turning the ratchet on the locknut and holding the bolt still with the wrench.

Pull the handle out from the front of the game.



HOW TO: TIGHTEN ARM BRACKET

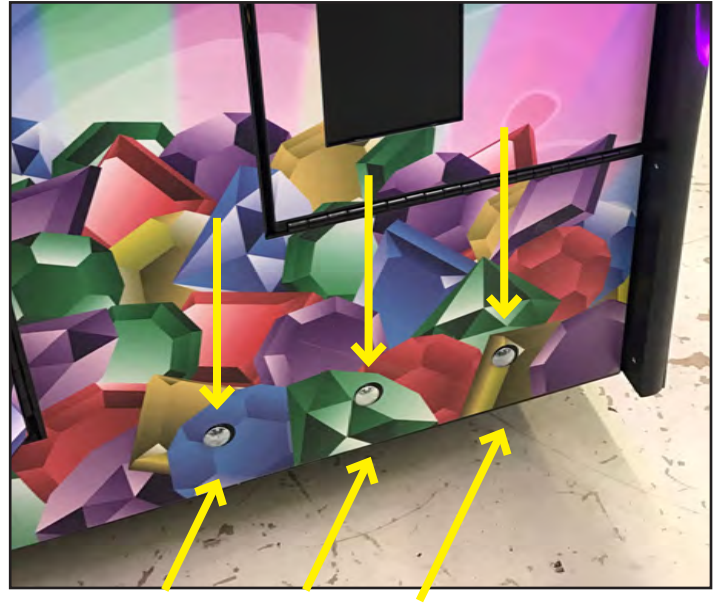
It is important to keep the arm bracket securely tightened; failure to do so may cause injury to players or damage to the game.

We recommend checking the bolts monthly, and more often if the game accumulates a high volume of play.

Open the right front door and remove the acrylic shield using a 90 degree drill and square bit.

Check the 6 bolts holding the bracket in place - 3 on the front surface and 3 on the bottom - tighten all nuts with a 7/16" socket.

Replace acrylic shield.



HOW TO: OPEN WHEEL WINDOW

Remove the five screws located on the back of the game on the metal window rail.

From the front of the game, push up on the window - it will slide like a roll top desk.

Push the window up into the game.

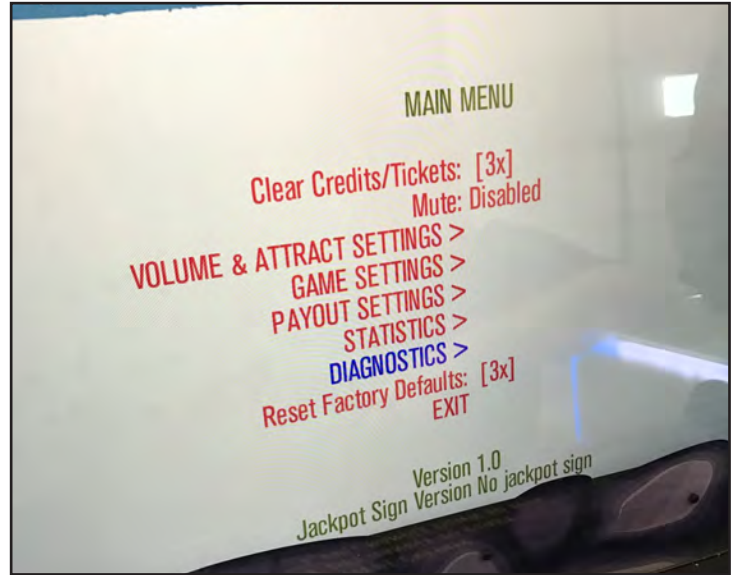


HOW TO: ADJUST BRAKE

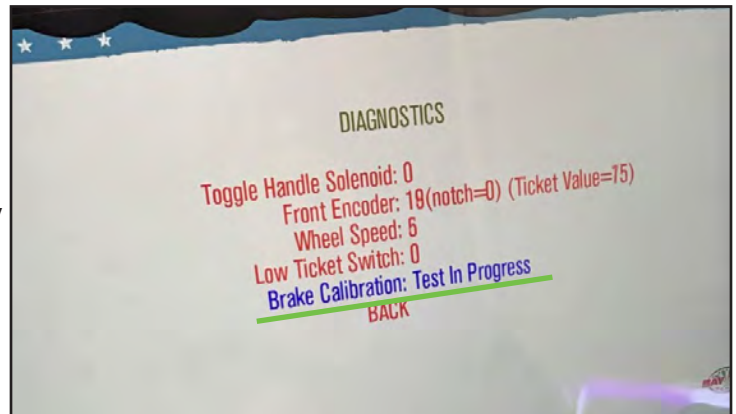
Enter the main menu then scroll to “diagnostics.”

In the diagnostics menu, change the “Toggle Handle Solenoid” to 1 by pressing the SELECT button - this will turn the solenoid on.

Scroll down to “Brake Calibration” and hit the SELECT button to begin brake test.



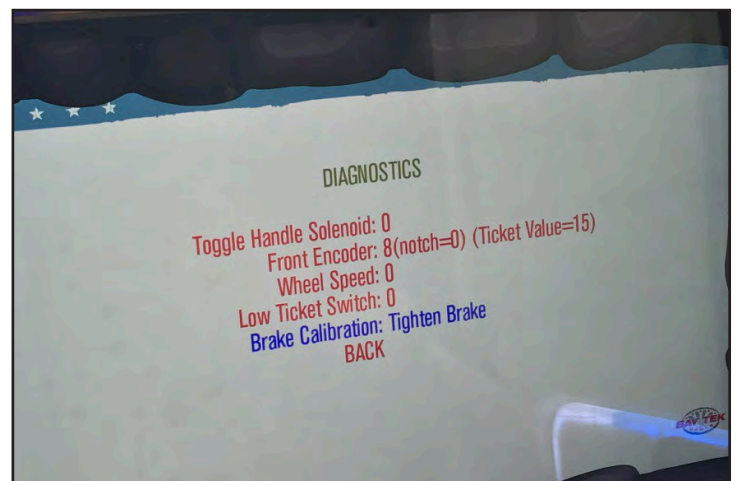
Pull down on the handle to spin the wheel and begin the brake test. “Test in Progress” will display on the screen when the wheel is spinning.



Once the wheel stops, the brake status will come up in the diagnostics.

Brake status will show one of three options:

- Brake Good (no adjustment needed)
- Tighten Brake
- Loosen Brake



HOW TO: ADJUST BRAKE

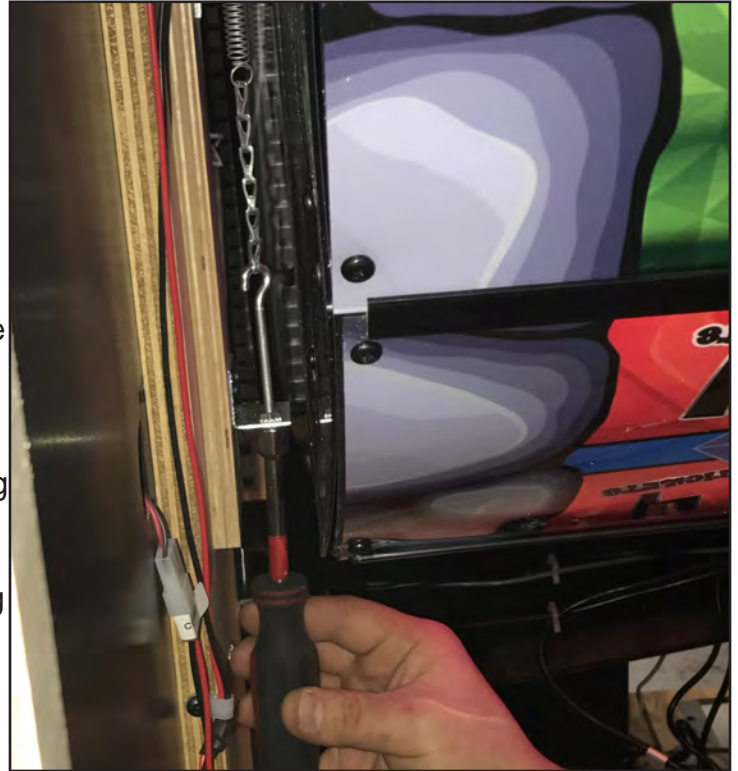
Remove the back door of the game and set aside.

Locate the brake on the left side of the wheel.

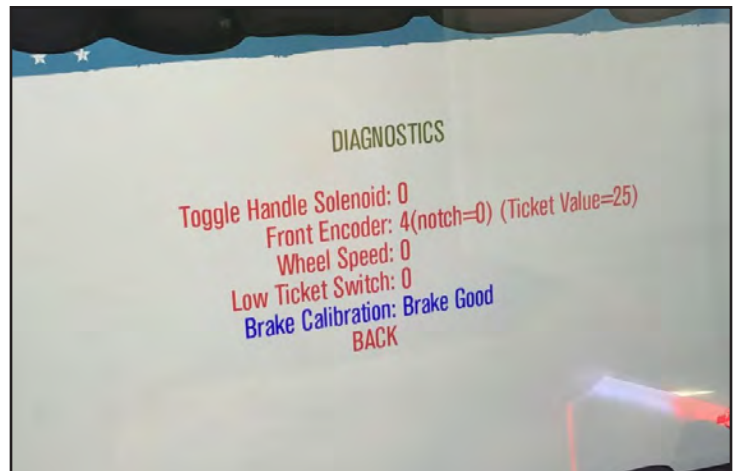
Using a 3/8" nut driver, adjust the lock nut on the i-bolt as necessary. Move in 2-turn increments; the brake is sensitive and needs very little adjustment to make a difference.

To tighten the brake, tighten the lock nut by turning to the right.

To loosen the brake, loosen the lock nut by turning to the left.



Perform another brake test and check the brake status. Repeat the previous steps until the brake calibration status reads GOOD.



HOW TO: CALIBRATE ENCODER SENSOR

The Encoder Sensor communicates the position of the wheel in comparison to the lighted arrow, telling the game how many tickets the player has won. There is a small margin between scoring spaces that allows for slight miscalibration of the encoder sensor. If the arrow lands between spaces, the game will always award the player with the higher ticket value. This also applies on the bonus spaces.

Enter the main menu then scroll to “diagnostics.”

In the diagnostics menu, change the “Toggle Handle Solenoid” to 1 by pressing the SELECT button - this will turn the solenoid on.

Open the wheel window (see page 21).

Manually turn the wheel downward and make sure the ticket value displayed on the screen matches the space on the wheel the arrow is pointing to. Make sure the turn the wheel one complete revolution so the game can find the home position.



Turn the wheel as it approaches a jackpot section. Watch the display closely and stop the wheel as soon as it turns from 4 to the jackpot value. The arrow should be right on the line between 4 and the jackpot space.



HOW TO: CALIBRATE ENCODER SENSOR CONT.

If the pointer is more than 1/2" off:

If the arrow is too high on the space before it registers, loosen the screw located behind the arrow.

If the arrow is too low on the space before it registers, tighten the screw located behind the arrow.

Repeat as necessary.



HOW TO ACCESS: LIGHT BULBS IN WHEEL

Unplug game,

Unlock and remove the back door of game.

Remove the small Phillips screws from any large plexi panel.

Carefully bend plexi out of slots and remove plexi from game.

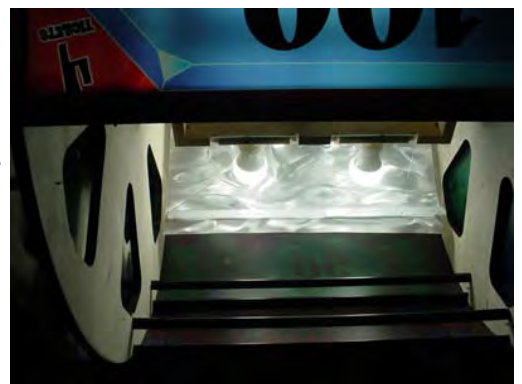
Light bulbs can now be accessed for replacement.
Part # A5LI0003

To re-install the plexi panel:

Bend the plexi and insert it into the grooves in the black plastic divider.

Carefully align the left and right edges with the existing score plexi on the wheel.

The holes in the plexi should line up with the holes in the wood - insert the small Phillips screws and tighten gently.



HOW TO: REMOVE WHEEL ASSEMBLY

This will be necessary for the replacement of wheel solenoid, and monitor replacement.
We estimate about 2 hours to complete.

Tools Needed:

Small Phillips Bit
#2 Square bit
1/2" Socket wrench
3/8" socket wrench
3/16" Allen wrench

Unplug game,
Unlock and remove the back door of game.

Remove 4 Phillips screws from rear black rail.

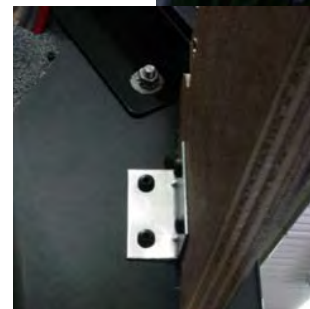
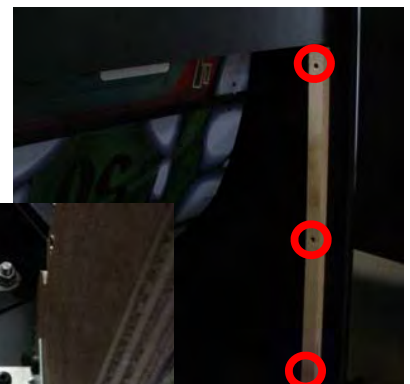
Slide window out the back of game.
Remember which direction it will go back in for installation.

Remove both rear side wood pieces from sides of cabinet using
2 square bit.

Remove L bracket screws from both sides of cabinet using # 2 square bit.

Spread sides of cabinet apart a bit to remove the rear wood piece.

Remove 4 nuts (using 1/2" socket) and washers from inside
cabinet. Remove bolts from cabinet.



HOW TO: REMOVE WHEEL ASSEMBLY CONT.

Remove 2 bolts from left and right side of upper cabinet using 3/16" Allen wrench.



Remove the 2 nuts using 3/8" socket from front arrow sensor.



Remove 4 small Phillips screws from any small bonus plexi panel.

Carefully bend plexi out of slots and remove plexi from game.

Rotate wheel so that the empty space is in front of arrow sensor and remove the metal assembly from side of cabinet and leave hanging in front of wheel.

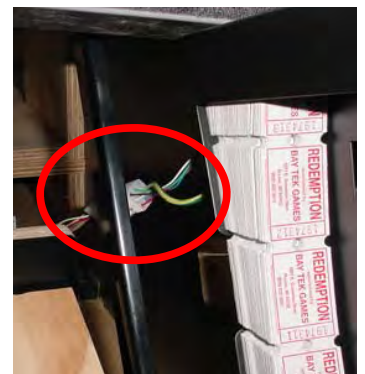


Open front right side door.

Using # 2 square bit, remove 2 of screws in the clear safety plexi and remove plexi from game.



Unplug the ticket tray molex connector.



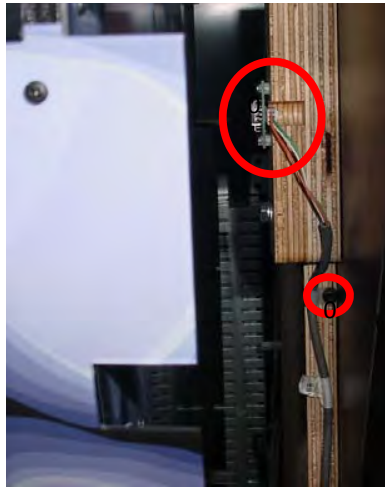
HOW TO: REMOVE WHEEL ASSEMBLY CONT.

Remove cotter pin from long wheel link and push link off of the peg.

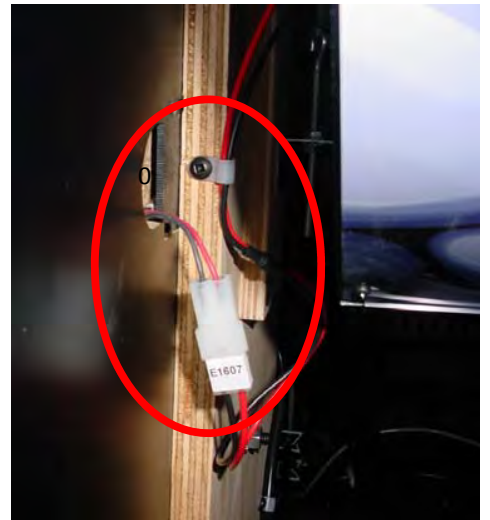


Unplug the Home Sensor. Remove the cable clamps on the wood

(if present) and tuck the cable up into the side hole of the cabinet so the wheel wood can clear the cable.

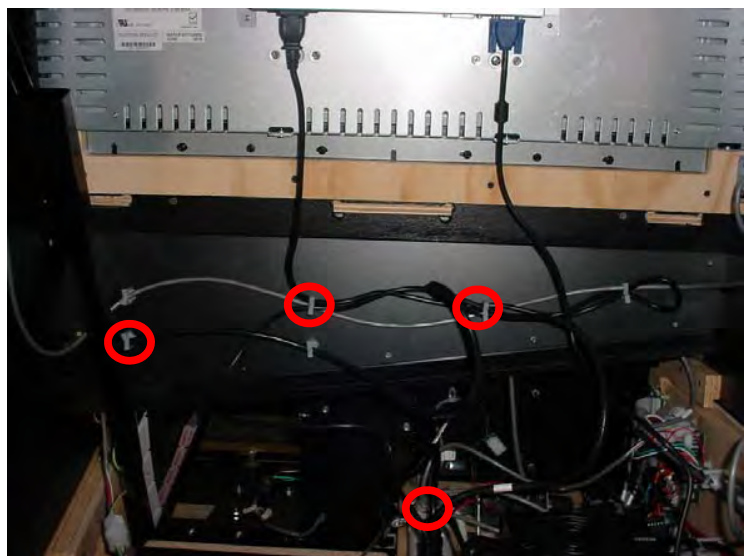


Unplug the Solenoid Cable and tuck the cable up into the side hole of the cabinet so the wheel wood can clear the cable.



The AC cable that goes to the center of the wheel must be disconnected from the power strip.

Remove the cable from the cable clamps, and unplug from the power strip.



HOW TO: REMOVE WHEEL ASSEMBLY CONT.

Turn the wheel so that the open panel is in the rear of the cabinet.

Reach through this opening to grab the center shaft and tilt the top of the wheel out toward the back of the cabinet,

2 people may be needed for this step.

Push in at the bottom of the wood assembly to help the wheel to pivot.

Place wheel assembly on floor behind game



To Replace Solenoid:

Place the wheel on it's side with the solenoid assembly and bar toward top of the assembly.

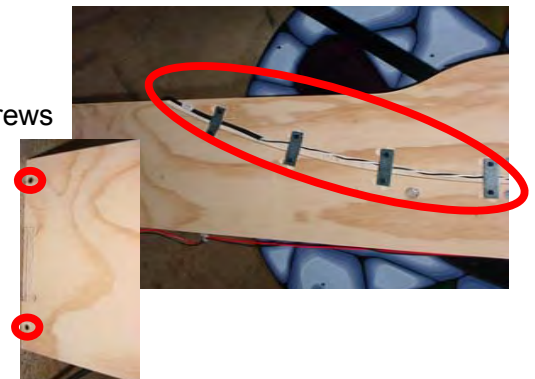
Remove 4 Phillips screws in the center of wheel.



Remove protecting brackets along the side by removing # 2 square screws

Remove the 2 square head screws in the bottom of wood.

Remove the top wood section and solenoid assembly can be removed from shaft.



HOW TO: REMOVE WHEEL ASSEMBLY CONT.

To re-install wheel:

When ready to install wheel assembly back into the game, move wheel assembly to the back of the cabinet, and position the arm so that it will turn the wheel in the correct direction:

Position bar on the top of the solenoid assy.

Position the wheel so that the opening is toward the rear of assembly.

With 2 people - grab the center rod through the opening and lift assembly.

Place the bottom wood assembly into cabinet first.

Then rock wheel carefully forward and place in position so that the bolt holes in cabinet line up with the assembly.

Re- install AC cable into cable clamps and power strip.

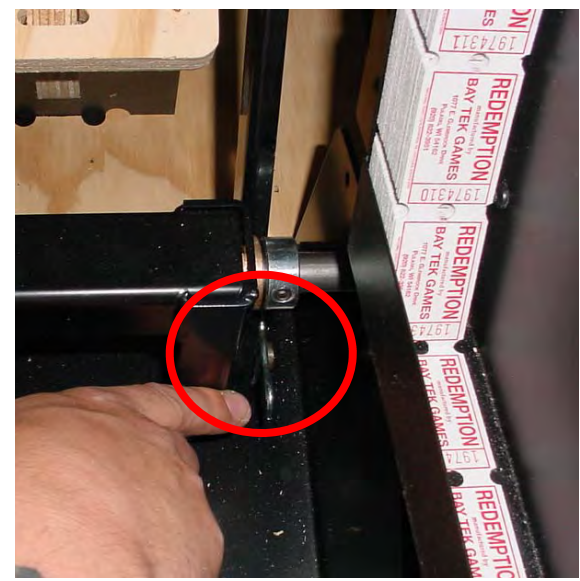
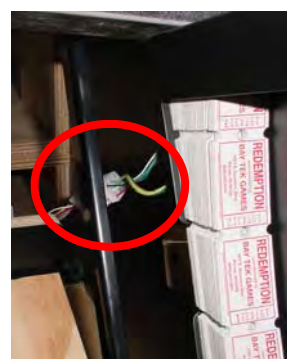
Plug Solenoid Cable back together.

Plug Home Sensor cable carefully into sensor. It will help to rotate wheel so the opening is next to sensor to make more room for your hand.

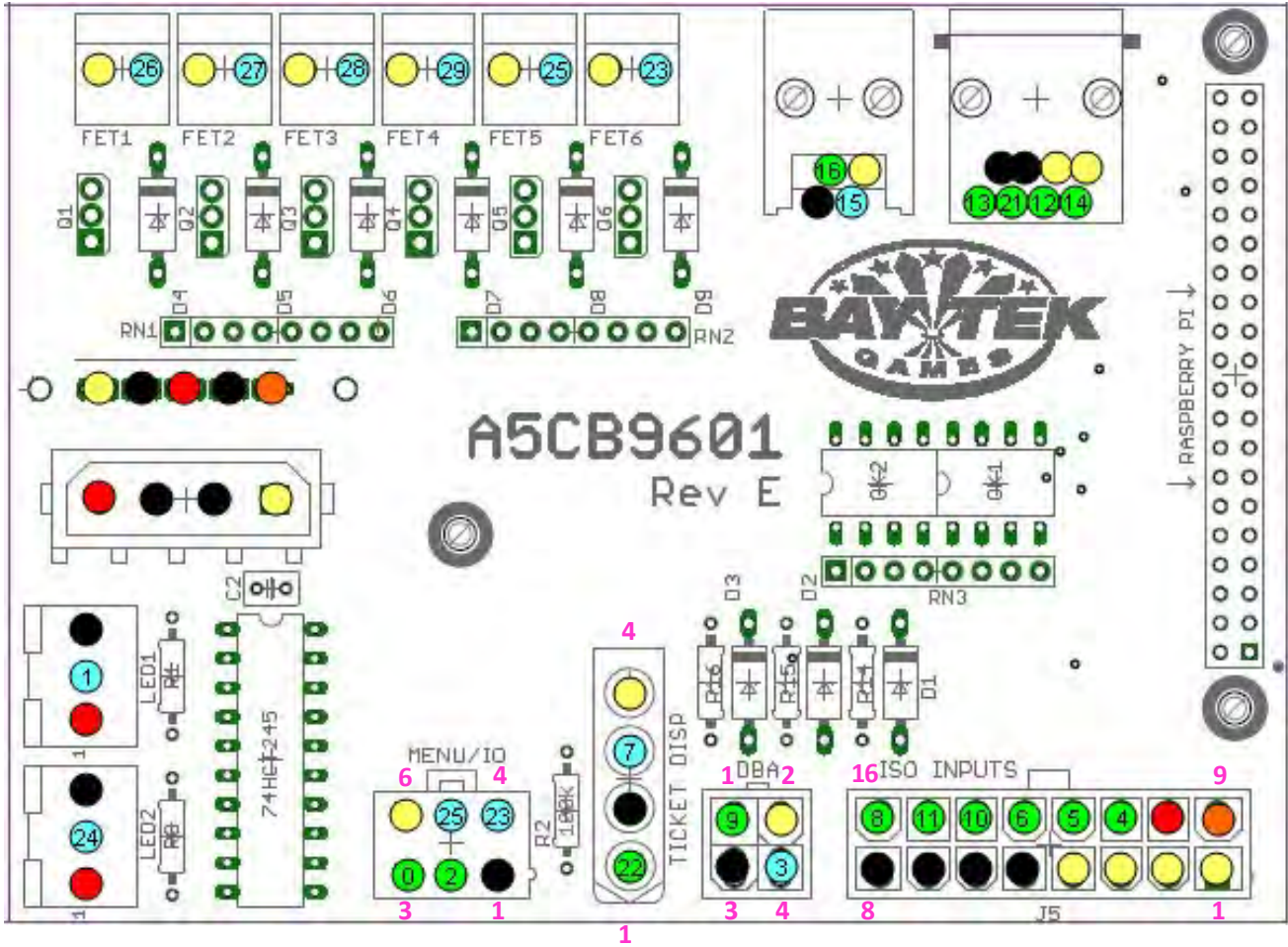
Go to front of cabinet and re-connect long wheel link to pivot mechanism. Re-insert cotter pin.

Re-install clear safety plexi.

Reconnect ticket tray molex connector.



MAIN BOARD PINOUT



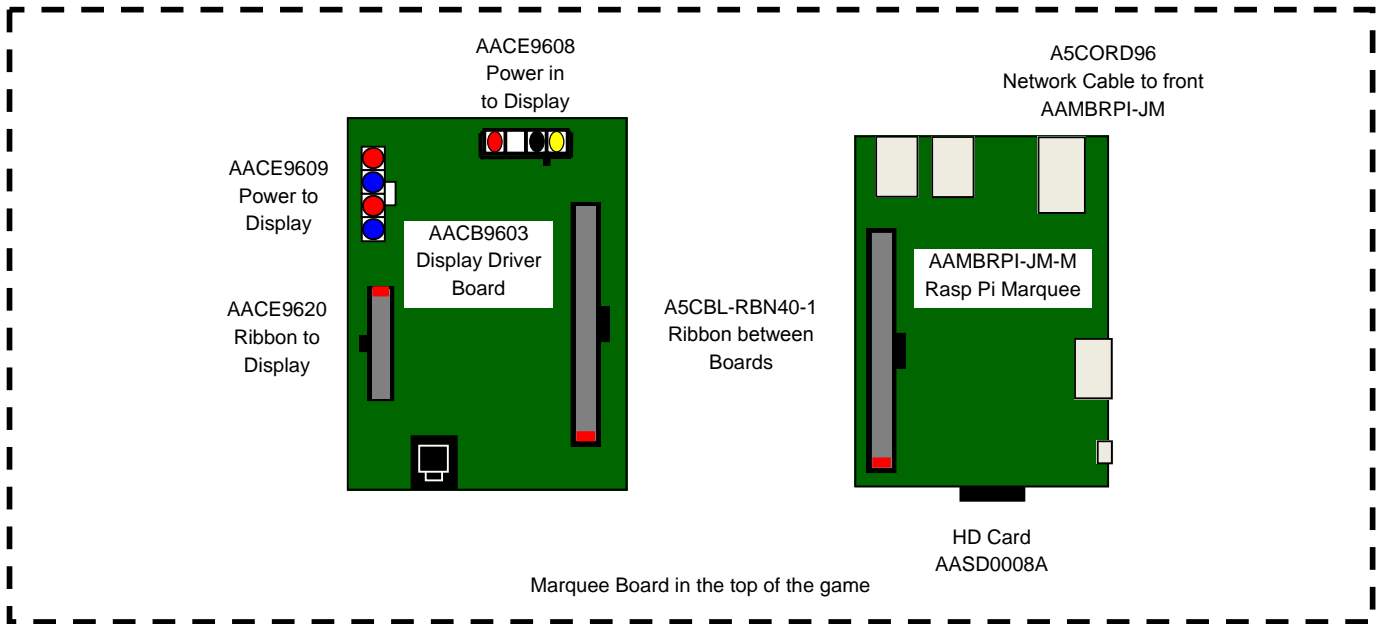
- = Ground
- = +5
- = Output
- = +12
- = +3.3V
- = Input

NOTE:
 FET5 & FET6 also run to the MENU header to control mechanical counters. Therefore, you CANNOT use both at the same time

MAIN BOARD PINOUT GUIDE

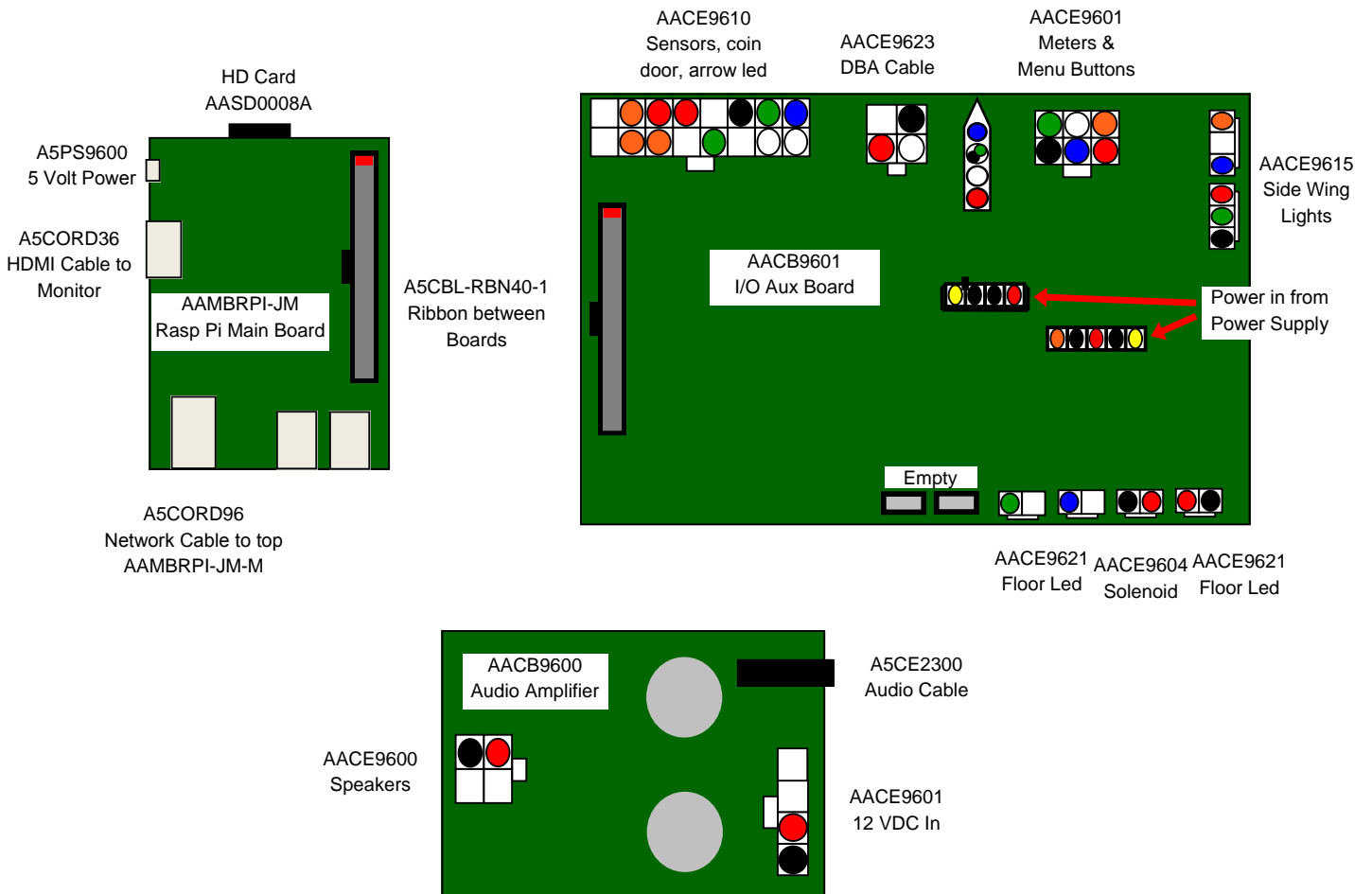
MENU IO		FET	
1	GND	1	GROUND LIGHT - R
2	MENU BUTTON 1	2	WHEEL SOLENOID
3	MENU BUTTON 2	3	GROUND LIGHT - G
4	GAME COUNTER	4	GROUND LIGHT - B
5	TICKET COUNTER	5	
6	+12V	6	
DBA		LED 1	AD. CABINET LIGHTS
1	CREDIT INPUT	LED 2	
2	+12V		
3	GND	ISO INPUTS	
4	JERSEY LOCKOUT	1	+12V
		2	+12V
		3	+12V
TICKET DISPENSER		4	+12V
1	NOTCH	5	GND
2	GND	6	GND
3	ENABLE	7	GND
4	+12	8	GND
		9	+3.3V
		10	+5V
		11	LOW TICKET SWITCH
		12	
		13	COIN INPUT
		14	
		15	HOME SENSOR
		16	ENCODER SENSOR 1

CIRCUIT BOARD WIRING

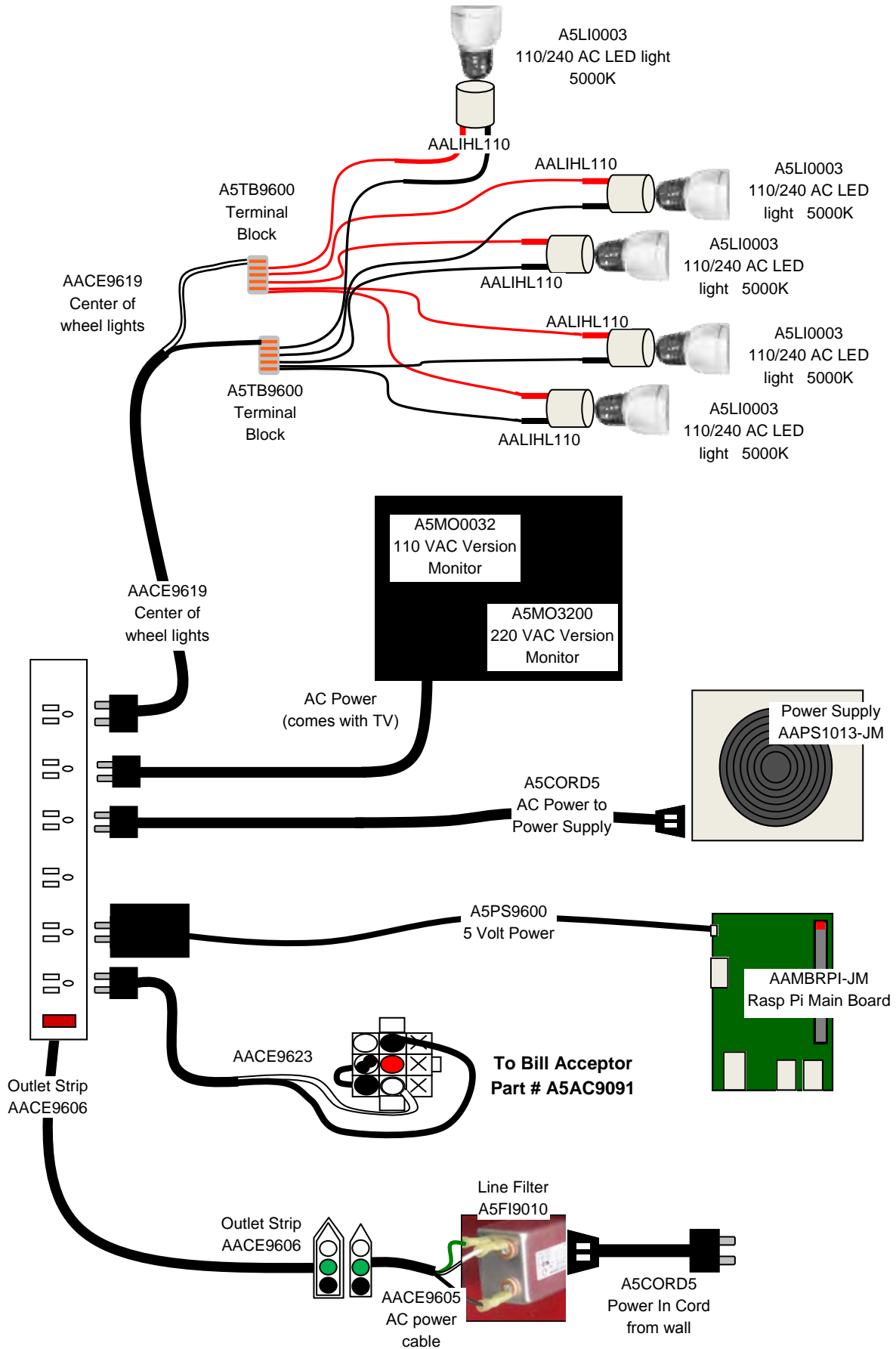


Marquee Board in the top of the game

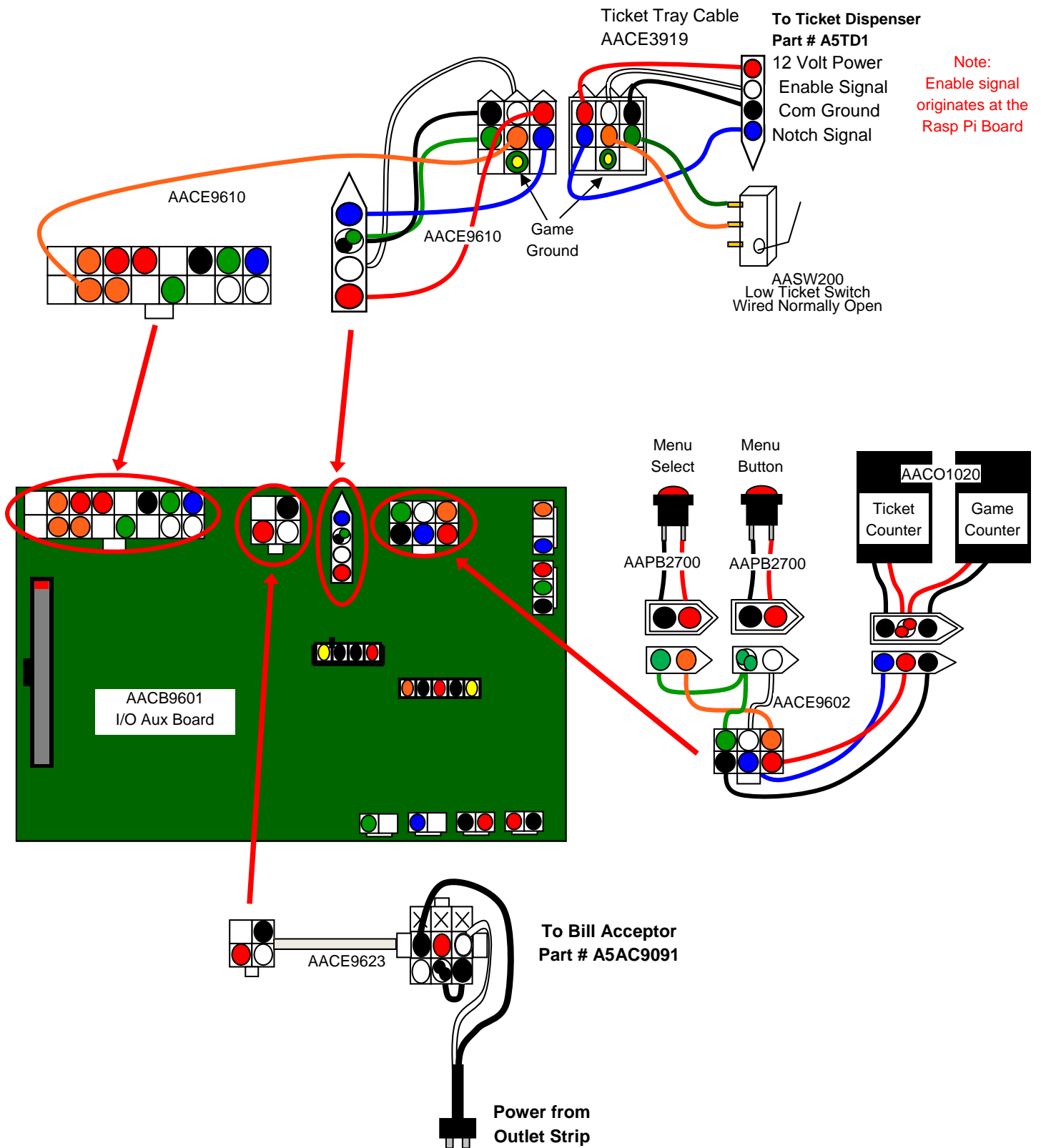
Boards in the bottom of the game



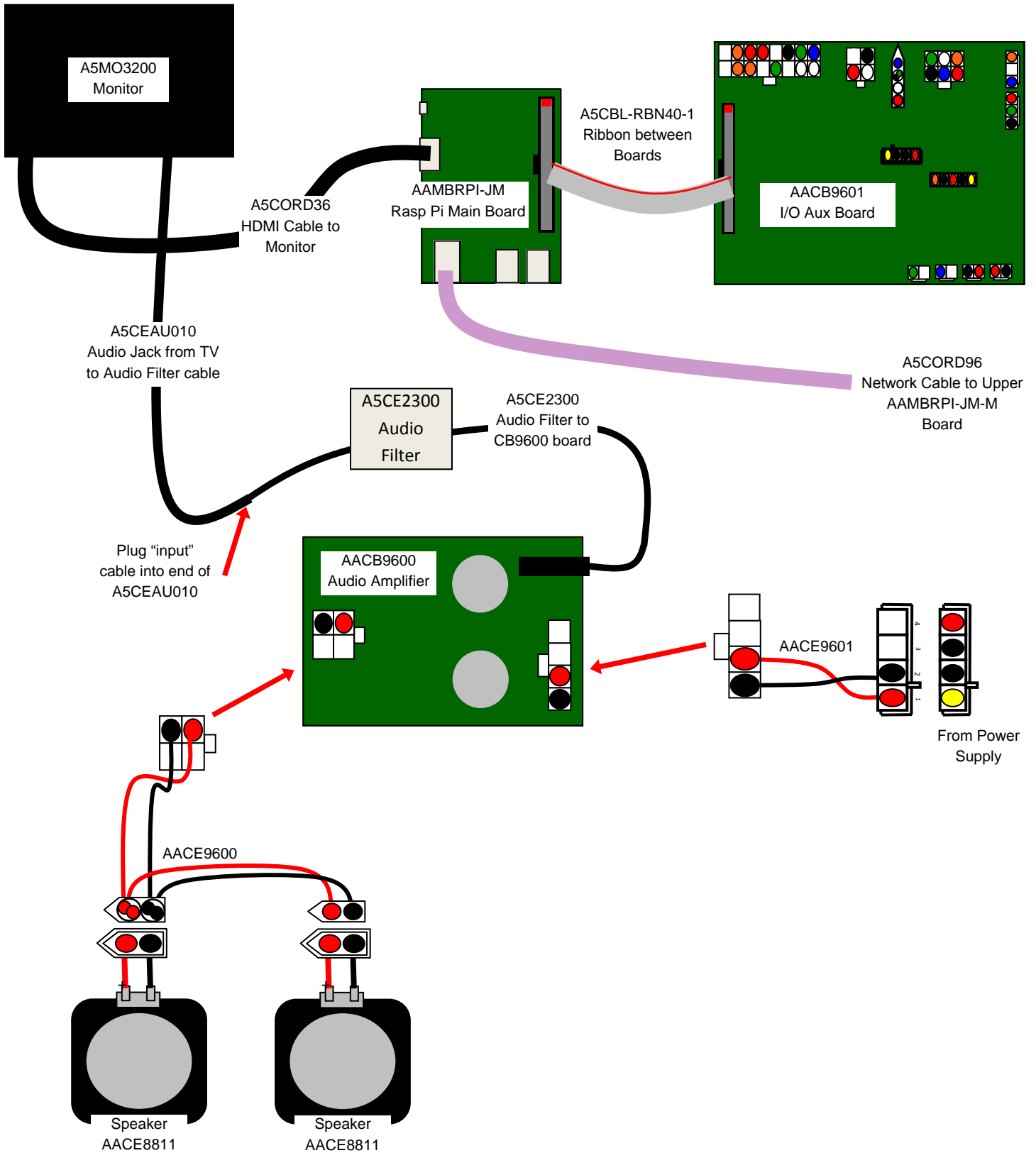
AC VOLTAGE IN WIRING DIAGRAM



TICKET DISPENSER, MENU BUTTONS, COUNTERS & BILL ACCEPTOR WIRING



VIDEO AND SOUND WIRING DIAGRAM



CARD SWIPE SYSTEM INSTRUCTIONS

Option #1:

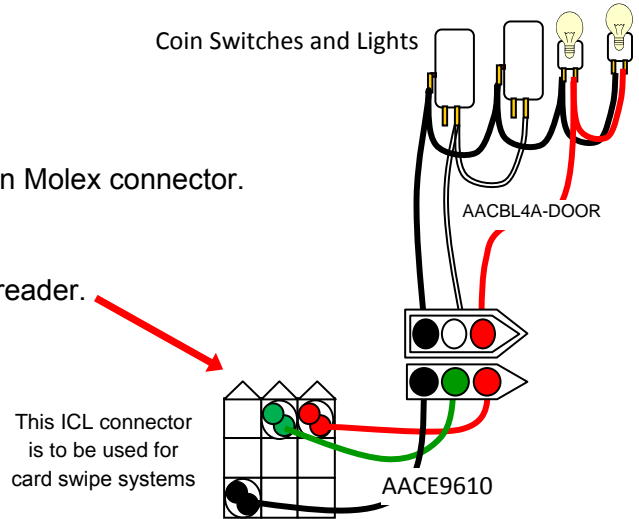
New card swipe systems may come with a standard 9 pin Molex connector.

Simply plug this connector and plug into your card swipe reader.

In "Payout Settings" menu:

Set "Credits Per Play" to 1

Set "Swipe Prompt" to Enabled



Option #2:

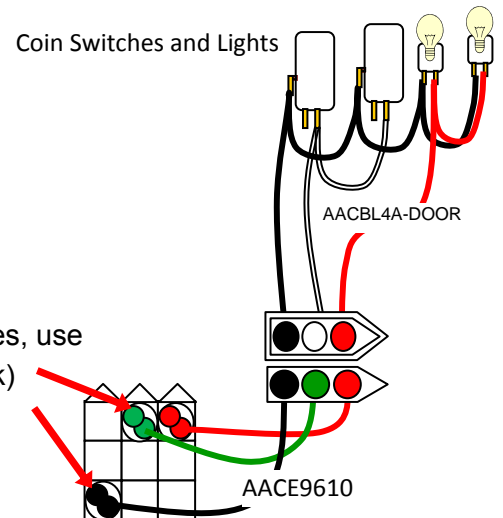
If your card swipe systems does not have a standard 9 pin Molex connector, then you will have to splice wires into the AACE9610 harness.

In "Payout Settings" menu:

Set "Credits Per Play" to 1

Set "Swipe Prompt" to Enabled

If you have to splice the wires, use these two. (Green and Black) for coin signal.

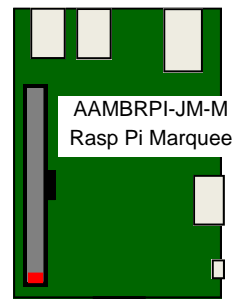
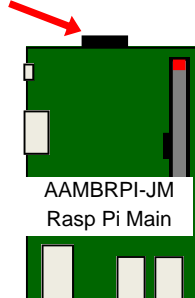


HOW TO UPDATE SOFTWARE

The software is programmed onto a SD Card

There is separate software for the game main board and the Marquee Sign main board.

Game main board SD Card location



Marquee Sign main board SD card location

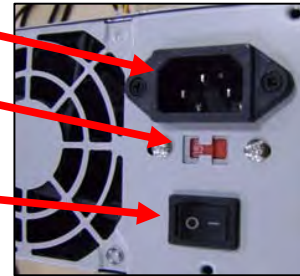
To remove: Push gently into board and let it pop back out - remove from board.

To install: Push gently into board until it clicks.

SD Card part number is AASD0008A - please specify game location when ordering.

POWER SUPPLY DIAGNOSTICS

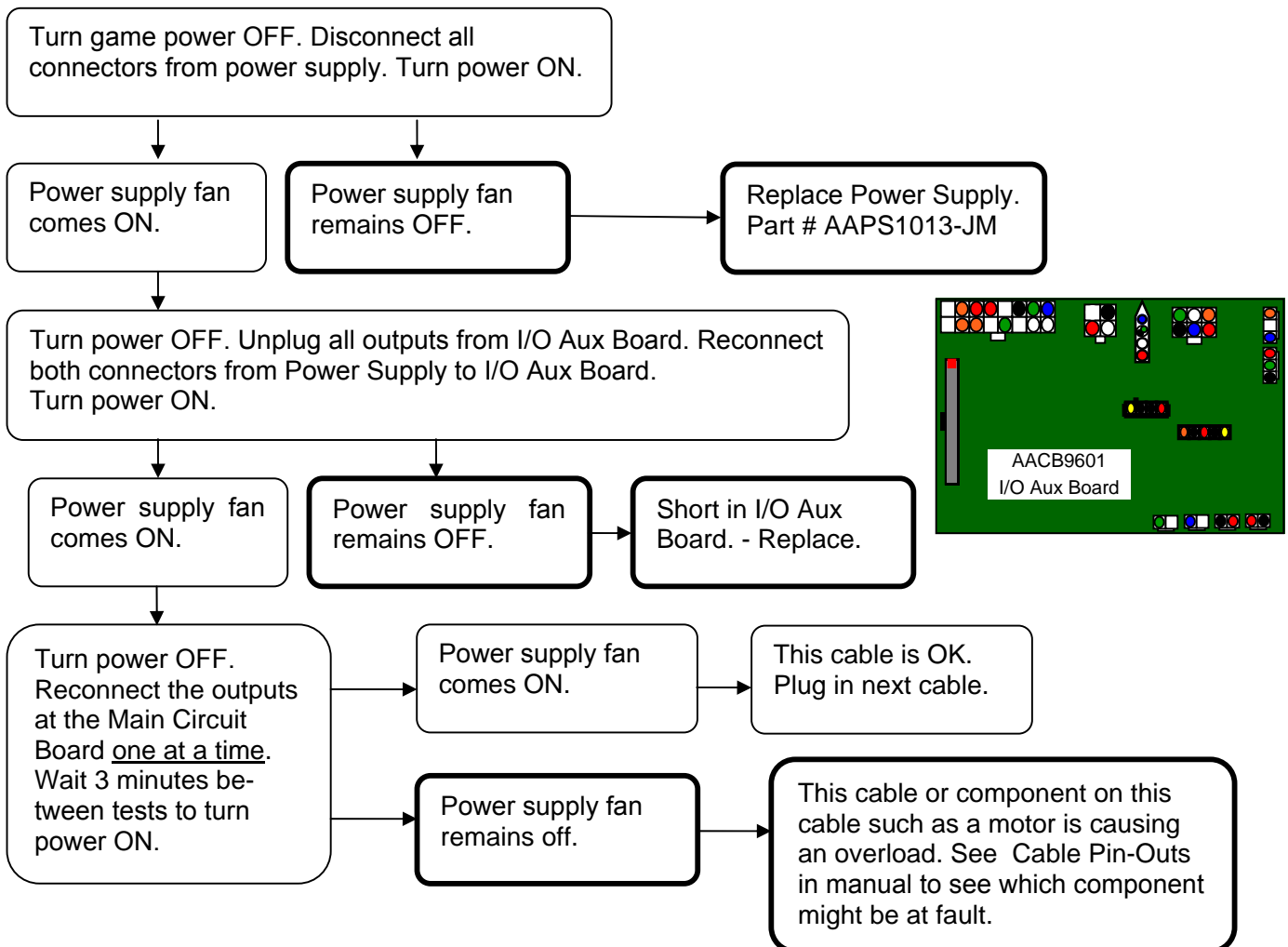
- 1.) Verify AC power to front of game. Check power strip in bottom front. Check for illuminated power switch.
- 2.) Check AC power connection to power supply.
- 3.) Ensure Power Supply switch is set to 115V (or 230V)
(Some model power supplies may not have this)
- 4.) Ensure Power switch is on.



No 12 Volts (Power Supply Fan is not turning), but AC to power supply is OK

This means that either:

- 1.) Power supply is faulty.
- 2.) There is a 12 volt short in cabinet causing power supply to remain off to protect itself.



TROUBLESHOOTING GUIDE

Problem	Probable Cause	Remedy
No power to the game.	<p>Unplugged.</p> <p>Power strip turned off, or plugs unplugged.</p> <p>Circuit breaker tripped.</p> <p>Line filter faulty.</p> <p>Bad or overloaded power supply.</p>	<p>Check wall outlet cable (A5CORD5) to line filter in back of game. (A5FI9010)</p> <p>Check rocker switch on power strip. Ensure power cords are pushed up into power strip securely.</p> <p>Reset power strip breaker switch or building circuit breaker. Attempt to determine cause.</p> <p>Replace line filter. (A5FI9010)</p> <p>Refer to Power Supply Diagnostics</p>
<p>Bill Acceptor on, but everything else off.</p> <p>(Power Supply not ON)</p>	<p>Power supply unplugged.</p> <p>Rocker Switch on power supply is Off.</p> <p>Power supply shutting down because of 12 V overload.</p> <p>Faulty power supply.</p>	<p>Insure power supply is plugged into power strip.</p> <p>Make sure rocker switch is set ON.</p> <p>See power supply diagnostics to isolate bad component. A bad solenoid or 12 volt short would cause this.</p> <p>Refer to Power Supply Diagnostics section.</p>
Marquee LED lights are not working.	<p>LED strip faulty</p> <p>Faulty Cable</p>	<p>Remove marquee and examine LED strip. (AACE9612)</p> <p>Check cables from LED strip to power supply. (AACE9612, AACE9608)</p>
Left or Right Side Guard Wing LED's not working.	<p>LED strip faulty</p> <p>Faulty Cable</p> <p>Faulty I/O Aux Board</p>	<p>Remove side guard and examine LED strip. Plug the LED strip into the cable from the other side guard. Replace if needed. (AACE9611)</p> <p>Check cables from LED strip to I/O Aux Board (AACE9611, AACE9615)</p> <p>Replace I/O Aux Board. (Part # AACB9601)</p>
Blue LED inside arrow not working.	<p>LED strip faulty</p> <p>Faulty Cable</p> <p>Faulty I/O Aux Board</p>	<p>Slide open front plexi (Refer to: How to Open Front Plexi) and examine LED strip. There should always be 12 Volts present. Replace LED strip if needed. (AACE9613)</p> <p>Check cables from LED strip to I/O Aux Board (AACE9613, AACE9610)</p> <p>Replace I/O Aux Board. (Part # AACB9601)</p>
<p>Lighting inside wheel not working.</p> <p>(AC Voltage)</p>	<p>One of 5 light bulbs out.</p> <p>Socket faulty</p> <p>Faulty Terminal Block</p> <p>Faulty Cable</p> <p>Faulty socket on power strip.</p>	<p>Inspect light bulbs. Refer to "How to Access Light Bulbs inside the Wheel" Replace if needed. (A5LI0003)</p> <p>Swap light bulb from one socket to another. Replace socket if needed. (AALIHL110)</p> <p>Inspect Terminal Block and replace if needed. (A5TB9600)</p> <p>Check cables from Light Bulbs to power strip. (AALIHL110, AACE9619)</p> <p>Plug the AACE9619 into a different outlet strip socket. Replace if needed. (AACE9606)</p>

TROUBLESHOOTING GUIDE

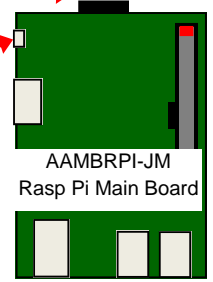
Problem	Probable Cause	Remedy
<p>Game does not coin up</p> <p>Game should have an audio doink sound from speakers when coin switch is triggered.</p>	<p>Card Swipe System Special Instructions-</p> <p>Pinched, broken, or disconnected wiring.</p> <p>Faulty Coin Mechanism. Swap coin mech to verify.</p> <p>Faulty I/O Aux Board</p>	<p>Set "Game drive voltage threshold" to 2 volts. Coin signal wires are green and black wires. Refer to wiring diagram</p> <p>Check connections from coin switches to I/O Aux Board. Check continuity on wires. (AACBL4A-DOOR, AACE9610)</p> <p>Replace coin mech if faulty.</p> <p>Replace I/O Aux Board . (AACB9601)</p>
<p>Tickets do not dispense.</p>	<p>Ticket tray empty due to faulty low ticket switch or broken/ loose wires. Switch stuck or switch wire bent out of position.</p> <p>Faulty cable to dispenser.</p> <p>Dirty opto-sensor or paper dust buildup in ticket dispenser</p> <p>Notch on tickets too shallow.</p> <p>Ticket dispenser faulty.</p> <p>Main circuit board malfunction.</p>	<p>Fill ticket tray. Replace low ticket switch(AASW200). Repair wiring. Clean ticket tray of dirt, loose tickets or debris. Bend switch wire to correct position under tickets.</p> <p>Check wiring continuity from dispenser to I/O Aux Board (AACE3949, AACE9610) Check for pinched, broken or disconnected wires. Replace as necessary.</p> <p>Clean with compressed air and if necessary wipe sensor with isopropyl alcohol on a cotton swab.</p> <p>Flip tickets and load upside-down to have large cut notch toward opto sensor.</p> <p>Replace dispenser with spare working dispenser (A5TD1)</p> <p>Replace main board if possible to isolate the problem to the I/O Aux Board. (AACB9601)</p>
<p>Tickets dispensing all the time.</p>	<p>Ticket enable signal comes from the Rasp Pi Main Board</p>	<p>Replace Rasp Pi Board. (AAMBRPI-JM)</p>
<p>Wrong number of tickets dispensed.</p>	<p>Ticket Pattern set wrong.</p> <p>Sensor Issue</p> <p>Spring Tension</p> <p>Dirty opto-sensor on ticket dispenser.</p> <p>Notch on tickets cut too shallow.</p> <p>Faulty ticket dispenser.</p> <p>Main circuit board malfunction.</p>	<p>Enter "Payout Settings" menu and verify correct settings for Ticket Pattern</p> <p>Refer to "Wheel Does Not Score Properly" section.</p> <p>If the brake spring is too loose, the wheel may rock backward and confuse the sensor and score wrong.</p> <p>Clean with compressed air or wipe with isopropyl alcohol on a cotton swab.</p> <p>Flip tickets and load upside-down to have large cut notch toward opto sensor.</p> <p>Replace with spare working dispenser (A5TD1).</p> <p>Replace main board if possible to isolate the problem to faulty I/O Aux Board. (AACB9601)</p>
<p>Low tickets</p>	<p>Stack of tickets not resting properly on low ticket switch.</p> <p>Faulty switch.</p> <p>Faulty wire or connection.</p> <p>Faulty I/O Aux Board</p>	<p>Adjust stack of tickets so they hold both the switch actuators down.</p> <p>Replace low ticket switch. (AASW200)</p> <p>Check for proper connection from switch to main board. Check continuity. (AACE3949, AACE9610)</p> <p>Replace I/O Aux Board. (AACB9601)</p>

TROUBLESHOOTING GUIDE

Problem	Probable Cause	Remedy
Wheel does not Spin	Solenoid not getting power	Check for 12 volts DC at solenoid. The game must be coined up, or enter diagnostic menu and select "Toggle Handle Solenoid" so 12 volts is supplied to solenoid.
	Mechanical issue with linkages inside cabinet. Pinched, broken, or disconnected wiring Faulty Solenoid Assy. Faulty I/O Aux Board.	Inspect bushing and linkage arms from the handle to the solenoid assembly. The assembly should pivot and move at all times, and only turn the wheel when 12 VDC is applied to the solenoid. Check connections from menu buttons to I/O Aux Board. Check continuity on wires. (AASO9600, AACE9604) Replace solenoid assembly. (AASO9600) Replace I/O Aux Board. (AACB9601)
Wheel spins all the time	Mechanical issue on solenoid assembly.	Inspect solenoid assembly and ensure the springs keep the toggle away from the wheel when voltage is not applied.
	Solenoid receiving 12 VDC all of the time.	Faulty I/O Aux Board. Replace I/O Aux Board. (AACB9601)
No Audio or Loud Audio Sound originates from TV and goes to speakers.	Volume too low.	Increase the volume by pressing Menu button, go to "Volume & Attract Settings" and increase Attract volume, Game Volume & Jackpot Volume
	Sound has static. Loose wire. No 12 VDC power to Audio Amplifier board. Use MP3 or Phone to isolate problem.	Use remote control and turn the volume down on the TV. Check audio cable connections from TV through audio amplifier board to speakers. (A5CEAU010, A5CE2300, AACE9600, AACE8811) Check 12 VDC power in on cable AACE9601 Unplug phono jack from audio filter and plug into the MP3 or phone. Then the sound from your device will play through the game speakers.
Dollar Bill Acceptor not functioning.	Ensure bill acceptor has 110 Volts AC.	Acceptor should cycle stacker at game power up. If not, check cable connections to power strip. Caution – 110 Volts AC
	Dirt or debris in acceptor slot. Ensure acceptor dipswitch is set to "always enable" Pinched, broken, or disconnected wiring. Bill acceptor problem.	Clean with bill reader cleaning card. (A5CC9000) There are dips on side of acceptor. Set to "always enable" (not harness enable) Check wiring from bill acceptor to main board. Repair or replace wiring harness. (AACE9623) Refer to troubleshooting section of dollar bill acceptor manual included with this game or the diagnostics label of the back of the unit.

TROUBLE SHOOTING GUIDE

Problem	Probable Cause	Remedy
Monitor not working. Power down, wait 5 minutes and power up again.	Monitor shows "No Signal Detected"	Faulty SD card. Reseat SD Card Replace if needed. (AASD0008A) Small power connector unplugged on Main Board Replace power supply if needed (A5PS9600) Monitor HDMI cable unplugged. Faulty main board - Replace main board. (AAMBRPI-JM)
	Monitor has nothing at all on power up.	Power cable unplugged from monitor. TV is off. Faulty monitor.
	Error on screen at power up. Re-Boot game to see if problem still exists.	Check fan on power supply to make sure it is turning. Low Power message on screen means the Ras Pi board is not getting 5 V power in. Faulty main board
		Ensure power is plugged into back of monitor, down to power strip. Use remote control to turn TV on. Replace monitor. (A5MO0032 or A5MO3200)
		Refer to Power Supply Diagnostics. Replace power Supply AAPS1013-JM if needed. Rasp Pi Main Board is not getting 5 Volts DC power in. Check A5PS9600 plugged into power strip. Replace main board. (AAMBRPI-JM)
Game not booting up.	Monitor shows some boot wording, but then nothing else Pinched, broken, or disconnected wiring Faulty main board	Check power supply to ensure 12 volts to main boards. Ensure there are 2 plugs from powers supply into the Aux Board. (AACB9601) Replace main board. (AAMBRPI-JM)



TROUBLE SHOOTING GUIDE

Problem	Probable Cause	Remedy
Marquee Jackpot Display not working	<p>Refer to wiring diagram - "Marquee & 12 V Wiring"</p> <p>5 Volt DC power In is missing.</p> <p>Communication cable issue. Pinched, broken, or disconnected wiring</p> <p>Faulty board.</p>	<p>Jackpot display receives signals and 5 Volt DC power in from Display Driver Board.</p> <p>Display Driver board provides power to, and receives signals from Rasp Pi Marquee Board.</p> <p>Check cables from power supply to displays. (AACE9608) Check ribbon cables from display driver to display. (AACE9620) Check ribbon cables from display driver to Ras Pi Board (A5CBL-RBN40-1) Check power cable from Driver Board to display. (AACE9609)</p> <p>It could be any of the 2 circuit boards in the system: Display Board (A5LD1052) Display Driver Board (AACB9603) Rasp Pi Marquee Board (AAMBRPI-JM-M)</p>
Marquee Jackpot not incrementing. Jackpot will increment when the game is over.	<p>Communication network cable issue.</p>	<p>Ensure the Network cable is connected from front Rasp Pi board to the marquee Rasp Pi Board. (A5CORD96)</p> <p>Enter the "Payout Settings" menu and ensure the Minimum value and Maximum value is set correctly. If the game is at the maximum value, it will not increment higher.</p>
Menu Buttons do not work.	<p>Swap connectors at the 2 buttons</p> <p>Pinched, broken, or disconnected wiring</p> <p>I/O Aux Board faulty.</p>	<p>Replace button if problem stays with button.(AAPB2700)</p> <p>Inspect crimp to ensure good connection. Check connections from menu buttons to main board. Check continuity on AAPB2700, AACE9602</p> <p>Replace I/O Aux Board. (AACB9601)</p>
Meters do not work Game counter clicks at start of each game. Ticket counter clicks as tickets come out of game.	<p>The 2 crimped wires may be faulty</p> <p>Pinched, broken, or disconnected wiring</p> <p>I/O Aux Board faulty.</p>	<p>Inspect crimps on AACO1020 to ensure good connection.</p> <p>Check connections from counters to main board. Check continuity on wires.(AACO1020, AACE9602)</p> <p>Replace I/O Aux Board. (AACB9601)</p>

WHEEL NOT SCORING PROPERLY

The game determines the score by:

- 1.) Ticket pattern selected in the menu.
- 2.) Reading 2 sensors that are watching the wheel spin.

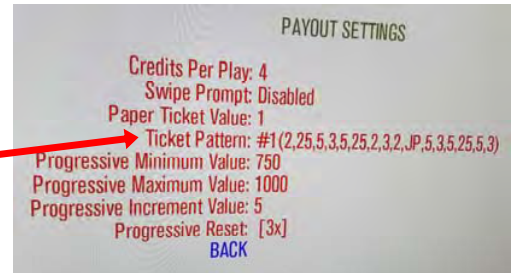
How to diagnose:

1.) Ticket pattern selected in the menu.

Enter "Payout Settings" menu and verify Ticket Pattern set.
Default pattern is # 6

It will show you the numbers that are on the wheel.

If your numbers are different, then change ticket pattern selection to the one that matches your wheel.



2.) Reading 2 sensors that are watching the wheel spin.

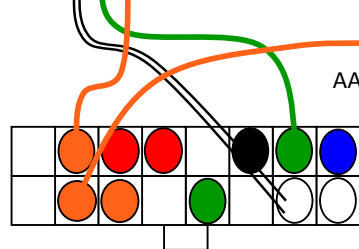
Home Sensor:

This sensor watches a silver tab that is mounted to the side of the wheel.

The tab is reflective and should be 1/2 inch away from the sensor.

Between Green and Orange wires = 12 Volts DC input voltage all the time.

Between White and Green wires = 3.3 volts normally Drops to 0 volts when in front of silver tab. Make sure it drops all the way to zero.



To AACB9601
I/O Aux Board

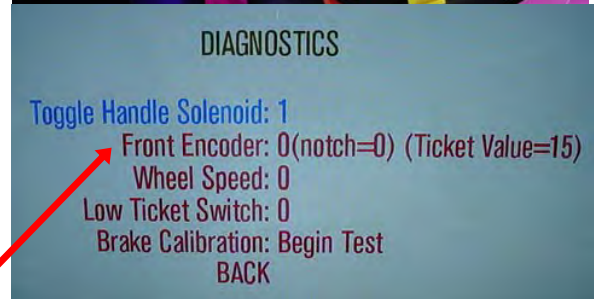
Encoder Sensor:

This sensor reads the notches in the side of the wheel.

It is located behind the "Ticket Arrow"



Note: Make sure the side plexi is not bending up and interfering with the sensor.



This Encoder Sensor (AACB8852-JM) will show results in the diagnostic menu.

The "Front Encoder" value will go from 0 to 20 as you turn the wheel downward.

If it does not go to 0 after 20, then the Home Sensor (AACB4403) is dirty or faulty.

BILL ACCEPTOR DIAGNOSTICS

Note: There are many different models and brands of Bill Acceptors that are used on redemption games. Your Bill Acceptor may differ from the unit shown.

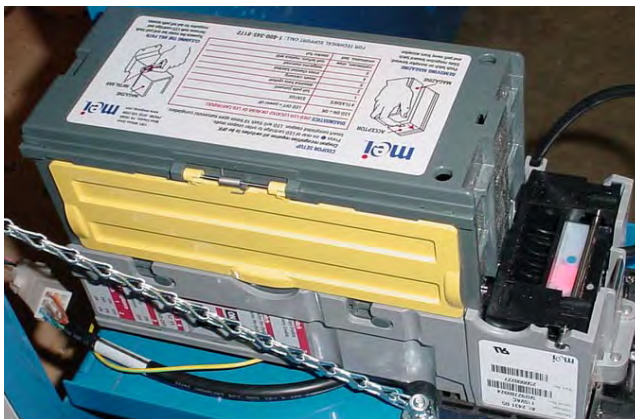
Standard DBA is MEI # AE2451-U5E Part # A5AC9091

Determine if Bill Acceptor has power:

Turn game ON—The bill acceptor should make noise as stacker cycles and green lights on outside bezel should flash.

If NO power:

Use meter to measure 110 AC voltage at cable going into Bill Acceptor from power strip.



ERROR CODES

REMOVING MAGAZINE
Push latch on acceptor forward. Slide magazine toward latch and pull away from acceptor.

COUPON SETUP
Coupon recognition requires all switches to be OFF. Press ● on rear of LED cartridge to enter coupon mode. Insert completed coupon. LED will flash 10 times upon successful completion.

# FLASHES	STATUS
1	bill path jammed
2	disabled from system
3	needs cleaning
4	cross channel blocked
5	magazine removed
continuous, slow	unit failure; replace unit
continuous, fast	stacker full

CLEANING THE BILL PATH
Squeeze the metal bar and remove both LED cartridge and magazine for full bill path.

FOR TECHNICAL SUPPORT CALL: 1-800-345-8172

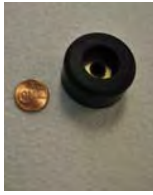
PARTS LIST

PART #	DESCRIPTION	PART #	DESCRIPTION
A5CB8020	Cash Box	A5CORD36	8' HDMI Cord
W5TM4000	13/16 Black T-Molding	A5CORD96	Cat 6 Ethernet Cord
A5PICZ001	Bow Tie Fastener (Long Wheel Link to Solenoid)	A5CE2300	Audio Isolator Cable
A5BURU040	Rubber Bumper Inside of A5BURU075	A5CEAU010	Audio Stereo Cable
A5BURU050	Rubber Bumper For Handle Pivot	AACE1710	Ground Cable
A5BURU075	Rubber Bumper For Cushion of Handle	AACE1715	Ground Cable
W5HG1065	Single Bend Hinge	AACE3219	Ticket Display to Low Ticket Switch
AACO1020	Counters	AACE9418	Display Jumper Cable
AASW200	Low Ticket Switch	AACE9600	Speaker Cable Assembly
AABK1013	Push Buttons/Counter Bracket with Decal	AACE9601	Power Jumper AudioCable
A5CA1005	Caster	AACE9602	Button &Counter Cable
A5EB9000	Electrical Box	AACE9604	Solenoid Jumper
A5FI9010	Inline Filter	AACE9605	Line Filter Cable
A5SP5021	Compression Spring	AACE9606	Outlet Strip Cable
A5LK2000	Lock (631)	AACE9608	Display Light Sign Power
A5LK5002	Lock with keys, 7/8", C15 Key Code	AACE9609	Marquee Display Power Jumper
A5EX9600	Art Holder Plastic	AACE9610	Sensor Main Cable
A5EX9601	Wheel Spacer Plastic	AACE9611	Side Wing Light Cables
A5LI0003	Cabinet Light Bulbs (5 Per Game)	AACE9612	Marquee LED Cable
AALIHL110	Light Holder Assembly	AACE9613	Arrow Light Cable
A5TT4101	Right Ticket Tray	AACE9615	Side Light Jumper
A5BK9999	Power Supply Mounting Bracket	AACE9616	Under game light
A5PL9097	Blanking Plate (Replaces Bill Acceptor)	AACE9619	ACLIGHT Power Cable
AAGU9600	Left Side Guard Assembly	AACE9620	Ribbon to Display Cable
AAGU9601	Right Side Guard Assembly	AACE9621	Floor Light Jumper
A5ME4156	Metal Short Wheel Link	AACE9624	Front Weldment Ground Cable
A5ME4157	Metal Rocker Arm Bracket	AACE9625	Ticker Tray Jumper
A5ME4159	Metal Top Front Bracket (With Speaker Holes)	AACE9626	Communication Cable
A5ME4161	Metal Handle Pivot Assembly	AACE9627	Power Cable
A5ME4169	Metal Bottom Front Guard	AAPB2700	Push Button
A5ME4171	Metal T-Handle	AACBL4A-DOORA	Door Cable
A5ME4172	Metal Handle Bracket	AACE8811	Speaker Assembly
A5ME4174	Metal Rocker Arm	AABK9600	Brake Assembly
A5ME4177	Metal Front Glass Brace	AAAR9600	Arrow Assembly With Metal/Sensor
A5ME4178	Metal Rocker Shaft	AASO9600	Solenoid Assembly
A5ME4180	Metal Right Ticket Tray Bracket	A5PS9600	Power Supply That Runs Raspberry Pie
A5ME4181	Metal Bottom Front Guard	AAPS1013-JM	Game Power Supply
A5ME4182	Metal Coin Box Guide	A5TD1	Ticket Dispenser
A5ME4183	Metal Right Front Door	A5VF4153	Vacuum Form Black Handle Covers
A5ME4430	Metal Slip Clutch Bracket	WARR0009-JMP	Set of 3 Wire Covers
A5ME8818	Metal Pointer Cover Bracket	WARR0002-JMP	Side Window
A5ME8819	Metal Pointer Sensor Bracket	AAAC9600	Front Window Assembly
A5ME9605	Metal Long Wheel Link	A5MO0032	32" Monitor
A5ME9610	Metal Wheel Shaft	A5LD1052	Display Board
A5ME9611	Metal Bottom Rail	A5CB9600	Audio Amplifier Board
A5ME9615	Metal Left Window Rail	AACB9601	Game Aux Board
A5ME9616	Metal Front Top Window Bracket	AACB9603	Marquee Aux Board/Driver Board
A5ME9620	Metal Left Front Door	AACB4403	Home Sensor
A5ME9621	Metal Back Top Window Bracket	AACB8852-JM	Arrow Sensor With Cable
A5ME9622	Metal Arrow	AASD0008A	Programmed SD Card (No Discount)
A5ME9624	Metal Wheel Mounting Bracket	AAMBRPI-JM	Raspberry Pi Main Board W Software
A5ME9626	Metal Wheel Solenoid Bracket	AAMPRI-JM-M	Raspberry Pi Main Board W Software for Marquee
A5ME9628	Metal Inside Light Bracket		
A5ME9629	Metal Right Window Rail		
A5ME9630	Metal Left Marquee Mount		
A5ME9631	Metal Right Marquee Mount		

PARTS PICTURES



A5BK999



A5BURU040



A5BURU050



A5BURU075



A5CA1005



A5CB8020



A5CE2300



A5CEAU010



A5CORD5



A5CORD36



A5CORD96



A5DE9600



A5DE9601



A5DE9602



A5DE9603



A5DE9604



A5DE9605



A5DE9606



A5DE9607



A5DE9614



A5DE9615



A5DE9616



A5DE9617



A5DE9617-P



A5DE9618



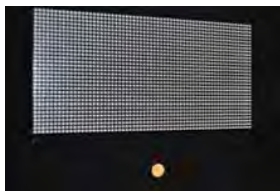
A5DE9619



A5EX9600



A5EX9601



A5LD1052



A5LI0003



A5ME4178



A5EB9000



A5FI9010



A5LK2000



A5LK5002



A5ME4156

PARTS PICTURES CONT.



A5ME4157



A5ME4159



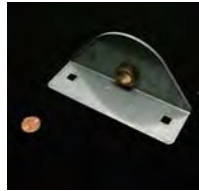
A5ME4161



A5ME4169



A5ME4171



A5ME4172



A5ME4174



A5ME4177



A5ME4180



A5ME4181



A5ME8818



A5ME8819



A5ME9610



A5ME9622



A5ME9624



A5ME9628



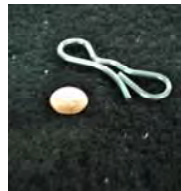
A5ME4182



A5ME4183



A5ME4430



A5PICZ001



A5PL9097



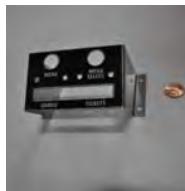
A5SP5021



A5VF4153



A5TT4101



AABK1013



AACBL4A-DOOR



AACE3219



AACE8811



AACE9600



AACE9601



AACE9602



AACE9604



AACE9605



AACE9606



AACE9608



AACE9609



AACE9610



AACE9611



AACE9612



AACE9613



AACE9615

PARTS PICTURES CONT.



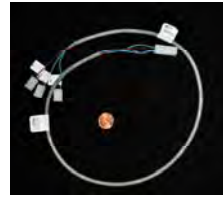
AACE9616



AACE9619



AACE9620



AACE9621



AACE9623



AACE9624



AACO1020



AALIHL110



AAPB2700



AAPS1013-JM



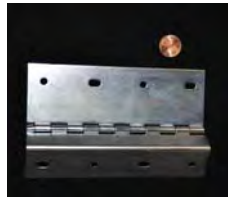
AASW200



A5TD1



W5TM4000



W5HG1065



AAMBRPI-JM



AAMBRPPI-JM-M



AASO9600



A5CB9600



AACB4403



AACB8852--JM



AACB9601



AACB9603

DECAL DIAGRAM



NOT VISIBLE:

- A5DE9600 (QTY 1) Left Top Cab
- A5DE9601 (QTY 1) Left Bottom Cab
- A5DE9606 Full Side Wheel (QTY 1) (Same as above)
- A5DE9616 Left Side Guard (QTY 1)
- A5DE9610 (QTY 1) Jackpot Jewel
- A5DE9608 Yellow Purple Jewels (QTY 1) (Same as above)
- A5DE9609 Green Purple Jewels (QTY 1) (Same as above)
- A5DE9611 Large Value Jewel (QTY 2) (Same as above)

TECHNICAL SUPPORT

Excellent customer service is very important to Bay Tek Games!

We know that keeping your games in great operating condition is important to your business. When you need us, we are here to help. You can call us for free technical assistance, and you can count on us to have parts on-hand to support your game. We offer options that fit your needs.

Electronics / Circuit Boards - Repair Options

Repair & Return – If you have Circuit Board issues with your Bay Tek game, you can send the board to us and we'll repair it right away. Most items sent to us are repaired and returned to you within two days. This option is your best value as we offer this fast turn-around service at the most reasonable price.

Advance Replacement – If you have Circuit Board issues with your Bay Tek game, but you don't have time to send in your board in for repair, give us a call and ask for an Advance Replacement. We'll send you a replacement board that same day (pending availability). When you get your new board, just repackage the defective board in the same box and send it back to us. We make it easy by including a UPS Return Shipping label for you to put on the box (not available for international shipments). This is your best option when you need to get your game up and running as quickly as possible!

Spare Parts – Take matters into your own hands and purchase new spare Circuit Boards for your Bay Tek games. Many of our games share the same main-board electronics. This means you can buy one set of spare electronics to support many of your Bay Tek games. Spare boards allow you to get your game up and running the quickest and provide you a valuable troubleshooting option. Call our technicians to get recommendations for what you should keep on hand for spare parts!

Technical Support:

"You" are the best tool for troubleshooting! Your abilities to understand the game and your skills to repair the game are invaluable to us! If you need help, you know you can call us. It's not easy to diagnose a game remotely by phone, but our technicians do a great job. They'll need your help to perform some troubleshooting steps and convey to them exactly what's happening with your game.

Returns, Credits, & Fees:

NOTICE! ALL ITEMS being sent to Bay Tek Games for repair or return, etc. require prior Return Authorization! Bay Tek Games will provide a Product Return Form with an authorizing Ticket Number for each item to be returned. Please be certain to include this document with all shipments!

Late Fees and Non-Return Fees - Advance Replacement and Warranty Replacement items require the defective items to be returned by Bay Tek games promptly to avoid Late Fees. We expect items to be returned with 10 working days. Late fees are invoiced monthly. Late fees are non-refundable under any circumstance! Any item not returned within 90 days will be invoiced in full as a replacement part.

Bench Fees - Bench fees will apply for each electronic item returned to Bay Tek Games (this includes unused Advance Replacement items). This charge covers our cost to inspect, evaluate and retest each item. Please note that returned items that do not pass our tests will be charged accordingly as replacement items or advance replacements.

Restocking Fees - Unused items returned for credit will be credited minus a restocking fee. Items must be returned within 30 days of purchase in order to qualify for any credit amount. No shipping charges will be credited.

WARRANTY

Bay Tek Games warrants to the original purchaser that all game components will be free of defects in workmanship and materials for a period of 6 months from the date of purchase. If you fill out the registration card in the cashbox of the game, Bay Tek will add another 3 months to your warranty, free of charge.

Bay Tek Games will, without charge, repair or replace defective component parts upon notification to the parts/service department while the game is under warranty.

Warranty replacement parts will be shipped immediately, via ground service, along with a Product Return Form for the return of defective parts.

Defective parts must be shipped back to Bay Tek Games unless otherwise instructed. Items not returned to Bay Tek Games will be invoiced as replacement parts.

This warranty does not apply in the event of any misuse or abuse to the product, or as a result of any unauthorized repairs or alterations. The warranty does not apply if any serial number decal is altered, defaced, or removed from its original position.

 **ATTENTION** 

In order to maintain the safety & compliance certifications of this game, **ONLY** approved parts may be used. For approved replacement parts, refer to the parts list in this manual.

Should you need your game serviced, determine the serial number from the decal placed on the front of this manual, or locate it on the back of the game. Then contact our Service Department at: 920.822.3951 or e-mail: service@baytekgames.com

NON-WARRANTY

Options and estimated charges will be provided to you for your approval.

Please remember that any items being sent to Bay Tek Games must include prior return authorization from our Parts & Service Department.

This approval will include a Product Return Form which is required to be included with any incoming shipments. Repaired parts will be shipped back using the same method in which they were received.

Repairs are warranted for 30 days from the date of return shipment.